सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	03/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Since parenchyma tissue mainly stores food and other materials, its cells require enough internal space. Therefore, parenchyma cells are generally _____.**

Ans

✗ A. Tightly packed without spaces

✗ B. Hardened with minerals

✓ C. Loosely packed with intercellular spaces

✗ D. Dead and hollow

Q.2 **A coastal region experiences algal blooms and coral bleaching after unusually high global temperatures. Which interaction between Earth's spheres best explains this effect?**

Ans

✗ A. Increased river flow improves the overall coral reef growth

✓ B. Ocean warming lowers CO_2 absorption and stresses marine life

✗ C. Land plant growth completely replaces marine ecosystem loss

✗ D. Reduced sunlight increases rate of photosynthesis in oceans

Q.3 **A water purification system uses electromagnetic energy to kill bacteria. Which region of the spectrum is being utilised for this function?**

Ans

✗ A. Infrared part of the spectrum

✗ B. Visible part of the spectrum

✗ C. Gamma part of the spectrum

✓ D. Ultraviolet part of the spectrum

Q.4 **Which property of isotopes remains unchanged?**

Ans

✗ A. Nuclear stability

✗ B. Atomic mass

✓ C. Chemical properties

✗ D. Physical properties

Q.5 **Why do non-biodegradable substances show biological magnification?**

Ans

✗ A. They are not taken up by organisms

✗ B. They are broken down quickly by organisms

✓ C. They persist in organisms

✗ D. They provide energy to organisms

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Q.6 The kinetic energy of a body increases from 40 J to 140 J. What is the net work done on the body?

Ans

✗ A. 50 J

✓ B. 100 J

✗ C. 150 J

✗ D. 200 J

Q.7 A mineralogist discovers a new metallic ore in the earth's crust. If the ore is primarily a sulphide, the metal is most likely to belong to the:

Ans

✓ A. Middle of the activity series

✗ B. Top of the activity series

✗ C. Bottom of the activity series

✗ D. Noble gases, which do not form ores

Q.8 The process in plants that involves the breakdown of glucose to release energy is called:

Ans

✗ A. Excretion

✗ B. Photosynthesis

✗ C. Transpiration

✓ D. Respiration

Q.9 Consider the following reactions:
(I) $CaCO_3(s) \xrightarrow{Heat} CaO(s) + CO_2(g)$
(II) $2AgCl(s) \xrightarrow{Sunlight} 2Ag(s) + Cl_2(g)$
(III) $2H_2O(l) \xrightarrow{Electric\ current} 2H_2(g) + O_2(g)$
(IV) $Fe(s) + CuSO_4(aq) \rightarrow FeSO_4(aq) + Cu(s)$

Which of the above reactions correctly represent decomposition reactions?

Ans

✓ A. Only I, II and III reactions

✗ B. Only II and III reactions

✗ C. Only I and II reactions

✗ D. Only III and IV reactions

Q.10 If a bulb is rated at 60 W and operates at 120 V, what is the current flowing through the bulb?

Ans

✓ A. 0.5 A

✗ B. 0.25 A

✗ C. 1.2 A

✗ D. 2.0 A

Q.11 A botanist observes a dormant seed with no visible growth or movement. How can the botanist determine whether the seed is alive?

Ans

✓ A. Monitor its internal metabolic activity

✗ B. Conclude it is not alive if it shows no movement

✗ C. Wait only for visible growth before deciding

✗ D. Test whether the seed can move independently

Q.12 What is the key reason for ultrasound to be used in cleaning delicate electronic components?

Ans

✗ A. It melts the components for better cleaning

✗ B. It scratches the surface to remove debris

✗ C. It chemically alters the material for cleaning

✓ D. It removes dirt without causing physical damage

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Q.13 What does a position-time graph with a straight line parallel to the time axis represent in the context of an object's motion?

Ans

✔ A. The object is at rest, covering no distance over time

✘ B. The object moves with varying speed

✘ C. The object accelerates over time

✘ D. The object moves with uniform speed over time

Q.14 When hydrochloric acid reacts with sodium hydroxide, what is formed as a result of the neutralization reaction?

Ans

✘ A. Base only

✔ B. Salt and water

✘ C. Gas only

✘ D. Acid only

Q.15 Which statement correctly describes the solubility of ethanol?

Ans

✘ A. Slightly soluble in water

✘ B. Soluble only in acids

✘ C. Insoluble in water

✔ D. Completely miscible with water

Q.16 Which type of organisms is always found at the beginning of a food chain?

Ans

✘ A. Herbivore

✔ B. Producer

✘ C. Carnivore

✘ D. Decomposer

Q.17 Which of the following best describes kinetic energy?

Ans

✘ A. The energy contained in chemical bonds

✘ B. The energy an object stores in its position

✘ C. The energy related to temperature changes

✔ D. The energy an object has due to its motion

Q.18 The speed of a light ray changes from 3×10^8 m/s in air to 2×10^8 m/s in a transparent solid. What is the refractive index of the solid with respect to air? (Take the refractive index of air as 1.)

Ans

✘ A. 1.7

✘ B. 1.4

✔ C. 1.5

✘ D. 1.2

Q.19 Why does the sky appear blue to human observers during daytime?

Ans

✘ A. Blue light is absorbed and re-emitted by atmospheric particles

✘ B. All wavelengths are scattered equally in the atmosphere

✔ C. Blue light is scattered more than red light due to its shorter wavelength

✘ D. Red light is scattered more than blue light due to its longer wavelength

Q.20 Calculate the formula unit masses of ZnO, Na_2O, if given atomic masses of Zn = 65 u, Na = 23 u, and O = 16 u.

Ans

✔ A. ZnO = 81u and Na_2O = 62 u.

✘ B. ZnO = 81u and Na_2O = 39 u.

✘ C. ZnO = 48u and Na_2O = 62 u.

✘ D. ZnO = 18u and Na_2O = 62 u.

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Q.21 In a neuron, what are the short, branched fibres that receive impulses from other neurons called?

Ans

✗ A. Muscle fibres

✗ B. Cartilage discs

✓ C. Dendrites

✗ D. Axons

Q.22 Why are alloys preferred for the heating elements in devices like toasters?

Ans

✗ A. They are good electrical conductors with low resistivity

✓ B. They have higher resistivity and do not oxidise readily at high temperatures

✗ C. They have a low melting point

✗ D. They are insulators

Q.23 A solution contains 20 grams of salt dissolved in 80 grams of water. What is the concentration of the solution in terms of mass by mass percentage?

Ans

✗ A. 25%

✗ B. 30%

✗ C. 45%

✓ D. 20%

Q.24 When a net force acts on a body, what does Newton's second law predict will happen to the body?

Ans

✗ A. The body will always move in the opposite direction

✓ B. The body will accelerate in the direction of the force

✗ C. The body will remain stationary

✗ D. The body will move at constant speed

Q.25 Which property of ethanol makes it suitable for use as a solvent in medicines?

Ans

✓ A. Solubility

✗ B. It forms esters

✗ C. It is highly flammable

✗ D. It is acidic in nature

Section : **Mathematics**

Q.26 For a circle of diameter 16 cm, the area of a sector is $\frac{16\pi}{3}$ cm^2. The angle of the sector is

Ans

✗ A. 15°

✗ B. 60°

✗ C. 45°

✓ D. 30°

Q.27 In a moderately skewed data distribution, the ratio of the arithmetic mean to the median is 4 : 5. If the sum of the mean and the median is 90, what is the mode of this distribution?

Ans

✗ A. 65

✓ B. 70

✗ C. 60

✗ D. 75

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Q.28 A sum of ₹10,000 is invested for 2 years at 20% per annum interest, compounded half-yearly. What is the compound interest earned at the end of 2 years?
(use $(1.10)^4 = 1.4641$)

Ans

✗ A. **₹4,440**

✓ B. **₹4,641**

✗ C. **₹4,660**

✗ D. **₹4,461**

Q.29 Find the median from the following data.

Class interval x	f
20-40	4
40-60	6
60-80	10
80-100	12
100-120	8

Ans

✗ A. 82

✓ B. 80

✗ C. 78

✗ D. 75

Q.30 Find the ratio of compound interest on ₹10,000 for 1 year at the rate 8% compounded half-yearly and yearly.

Ans

✗ A. 61 : 52

✗ B. 62 : 49

✓ C. 51 : 50

✗ D. 53 : 45

Q.31 A family earns ₹50,000 per month and spends ₹35,000. What percentage of the income is saved?

Ans

✗ A. 25%

✗ B. 15%

✗ C. 20%

✓ D. 30%

Q.32 A blue light blinks every 6 seconds and a red light blinks every 9 seconds. After how many seconds will both lights blink together again?

Ans

✗ A. 9 seconds

✗ B. 12 seconds

✓ C. 18 seconds

✗ D. 3 seconds

Q.33 A pipe can fill a cistern in 8 hours. Due to a leak at the bottom, it is filled in 10 hours. In how many hours can the leak alone empty the full cistern?

Ans

✗ A. 45 hours

✗ B. 35 hours

✗ C. 30 hours

✓ D. 40 hours

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Q.34 A trader gains 72% by selling an article after two successive discounts of 50% and 14% on its marked price. If the cost price of the article is increased by 36%, then what single discount should he now give on the same marked price to get the same profit percentage as earlier?

Ans
- ✔ A. 41.52%
- ✘ B. 40.56%
- ✘ C. 46.78%
- ✘ D. 47.46%

Q.35 A cylinder of height 72 cm and base radius 16 cm is melted to form a sphere. Find the radius of the sphere.

Ans
- ✘ A. 26 cm
- ✘ B. 20 cm
- ✘ C. 22 cm
- ✔ D. 24 cm

Q.36 Simplify: $(\sec A + \tan A) \times (1 - \sin A) \times \sec A$

Ans
- ✘ A. 2
- ✘ B. 0.5
- ✔ C. 1
- ✘ D. 0

Q.37 If 4 kg of rice costing ₹40 per kg is mixed with 6 kg of rice costing ₹50 per kg, what is the price per kg of the mixture (in ₹)?

Ans
- ✘ A. 50
- ✘ B. 48
- ✔ C. 46
- ✘ D. 44

Q.38 Simplify: $\dfrac{\frac{7}{2} \div \frac{3}{2} \times \frac{5}{2}}{8 \div \frac{5}{2} \text{ of } \frac{1}{2}} \div \frac{25}{8}$.

Ans
- ✘ A. $\frac{11}{24}$
- ✔ B. $\frac{7}{24}$
- ✘ C. $\frac{5}{24}$
- ✘ D. $\frac{13}{24}$

Q.39 Find the value of $(\sin A + \operatorname{cosec} A)^2 + (\cos A + \sec A)^2 + (\operatorname{cosec}^2 A - \sec^2 A)$.

Ans
- ✘ A. $-2\cot^2 A$
- ✘ B. $7 - 2\cot^2 A$
- ✔ C. $7 + 2\cot^2 A$
- ✘ D. $2\cot^2 A$

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Q.40 Given that $113^{0.99} = x$, $113^{0.77} = y$ and $x^z = y^2$, then the value of z is close to:

Ans
- ✗ A. 3.04
- ✓ B. 1.56
- ✗ C. 1.48
- ✗ D. 2.89

Q.41 The length of a side of a cube is (2x − 5) cm. What is total surface area of the cube?

Ans
- ✗ A. $6(4x^2 - 20x - 25)$
- ✗ B. $4x^2 - 20x + 25$
- ✓ C. $24x^2 - 120x + 150$
- ✗ D. $6x^2 - 30x + 25$

Q.42 Find the fourth proportional to 8.6, 10.75, and 6.

Ans
- ✓ A. 7.5
- ✗ B. 7
- ✗ C. 7.2
- ✗ D. 7.25

Q.43 A machine is purchased for ₹18,200 and its value decreases by 10% every year. If the depreciation is compounded annually, what will be the value of the machine after 2 years?

Ans
- ✓ A. ₹14,742
- ✗ B. ₹15,200
- ✗ C. ₹13,424
- ✗ D. ₹16,480

Q.44 A cube of edge 20 cm is immersed completely in a rectangular vessel containing water. The measurements of the vessel are 25 cm × 25 cm. Find the rise (in cm) of water level.

Ans
- ✗ A. 20
- ✗ B. 16.5
- ✓ C. 12.8
- ✗ D. 8

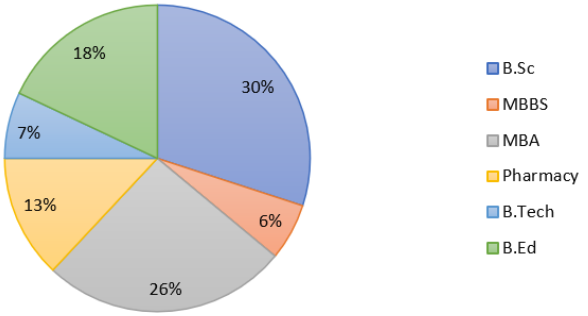
Q.45 A tourist bus covers a distance of 500 kilometers. It travels the first 40% of the distance at a speed of 80 km/hr and the rest of the distance at 75 km/hr. If it takes a 30-minute stop for lunch during the journey, what is the average speed for the entire trip? (Rounded off to two decimal places.)

Ans
- ✓ A. 71.43 km/hr
- ✗ B. 76.92 km/hr
- ✗ C. 75 km/hr
- ✗ D. 72.54 km/hr

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Q.46 In the following pie chart, the percentage distribution of students in different courses are shown. What is the total number of students in B.Ed., Pharmacy and MBBS together?
Total number of students =6800



Ans
✗ A. 2645
✓ B. 2516
✗ C. 2428
✗ D. 2145

Q.47 An article is sold at a profit of 20%. If the selling price had been increased by ₹100, the profit percentage would have doubled. What was the cost price of the article?

Ans
✗ A. ₹200
✓ B. ₹500
✗ C. ₹250
✗ D. ₹400

Q.48 Kaushal travelled for 16 hours 20 minutes at the speed of 90 km/h. At what speed (in km/h) should he travel to cover the same distance in 14 hours?

Ans
✗ A. 104
✗ B. 102
✗ C. 103
✓ D. 105

Q.49 Which value is the mean proportional between 18 and 45?

Ans
✗ A. $10\sqrt{17}$
✓ B. $9\sqrt{10}$
✗ C. $20\sqrt{7}$
✗ D. $25\sqrt{5}$

Q.50 A company's revenue increases by 40% in one quarter and then decreases by 20% in the next. If the initial revenue was ₹1,00,000, what is the final revenue?

Ans
✗ A. ₹1,14,000
✓ B. ₹1,12,000
✗ C. ₹1,08,000
✗ D. ₹1,20,000

Section : **General Intelligence and Reasoning**

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Q.51 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All bags are purses.
No purse is a suitcase.

Conclusions:
(I) No bag is a suitcase.
(II) Some suitcases are purses.

Ans
- ✔ A. Only conclusion (I) follows
- ✘ B. Neither conclusion (I) nor (II) follows
- ✘ C. Both conclusions (I) and (II) follow
- ✘ D. Only conclusion (II) follows

Q.52 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) G Q E F O E E U H U R O M O U Y O B Z I S W (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✘ A. 1
- ✔ B. 2
- ✘ C. 3
- ✘ D. 4

Q.53 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All vines are stars.
No star is a rug.

Conclusions:
I: No rug is a vine.
II: Some rugs are vines.

Ans
- ✘ A. Only conclusion (II) follows
- ✘ B. Both conclusions (I) and (II) follow
- ✘ C. Neither conclusion (I) nor (II) follows
- ✔ D. Only conclusion (I) follows

Q.54 Seven boxes B, F, G, H, R, T and Y kept one over the other but not necessarily in the same order. Only three boxes are kept above Y. Only one box is kept between B and Y. Only three boxes are kept between B and G. G is kept at some place above Y. T is kept immediately below G. F is kept at one of the places above H. R is not kept immediately above or below B. How many boxes are kept below Y?

Ans
- ✘ A. 4
- ✘ B. 1
- ✘ C. 2
- ✔ D. 3

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Q.55 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. TR - QO
- ✗ B. RP - OM
- ✓ C. MK - HY
- ✗ D. OM - LJ

Q.56 What should come in place of the question mark (?) in the given series?

211 239 253 281 295 323 ?

Ans
- ✗ A. 339
- ✗ B. 355
- ✗ C. 345
- ✓ D. 337

Q.57 XYME is related to ABPH in a certain way based on the English alphabetical order. In the same way, LFHU is related to OIKX. To which of the following is INGV related, following the same logic?

Ans
- ✗ A. KPIX
- ✗ B. LRKY
- ✗ C. LRJZ
- ✓ D. LQJY

Q.58 In a certain code language,
'A # B' means 'A is the son of B',
'A % B' means 'A is the brother of B',
'A − B' means 'A is the wife of B' and
'A @ B' means 'A is the father of B'.

How is S related to U if 'S # M − H @ Y % U'?

Ans
- ✗ A. Son
- ✗ B. Father
- ✓ C. Brother
- ✗ D. Husband

Q.59 This question is based on the given words.

FED BAT RIB TOP

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. Four
- ✗ B. One
- ✓ C. None
- ✗ D. Two

Q.60 What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?
26 − 27 × 3 ÷ 5 + 33 = ?

Ans
- ✗ A. 36
- ✗ B. 42
- ✗ C. 40
- ✓ D. 38

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Q.61 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
6 ÷ 5 + 10 × 2 − 5 = ?

Ans
✗ A. 35
✗ B. 28
✗ C. 34
✓ D. 30

Q.62 E, F, G, H, L and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. G lives on an even numbered floor but not on floor number 4. Only two people live between G and M. E lives on an odd numbered floor but not on the lowermost floor. Only two people live between E and F. L lives immediately below E. How many people live between H and L?

Ans
✗ A. Four
✗ B. Three
✓ C. Two
✗ D. One

Q.63 In a certain code language, 'MINT' is coded as '2674' and 'TIME' is coded as '6827'. What is the code for 'E' in the given code language?

Ans
✗ A. 2
✗ B. 6
✗ C. 7
✓ D. 8

Q.64 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) K I F R I Z O K U F U I I F U K Y X A B (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
✗ A. Four
✗ B. Three
✓ C. Two
✗ D. One

Q.65 Rajesh starts from Point A and drives 51 km towards the east. He then takes a right turn, drives 56 km, turns right and drives 56 km. He then takes a right turn and drives 65 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✓ A. 9 km to the south
✗ B. 10 km to the south
✗ C. 10 km to the north
✗ D. 12 km to the north

Q.66 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6247518, what will be the sum of the digits that are second from the left and second from the right in the new number thus formed?

Ans
✓ A. 2
✗ B. 4
✗ C. 8
✗ D. 6

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Q.67 This question is based on the given words.

(Left) ABS DON WER FIR (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. Three
- ✗ B. Four
- ✗ C. One
- ✓ D. Two

Q.68 What should come in place of ? in the given series based on the English alphabetical order?
DWF ISG NOH SKI ?

Ans
- ✗ A. YGJ
- ✗ B. ZGL
- ✓ C. XGJ
- ✗ D. YHK

Q.69 Each vowel in the word SAENCHY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
- ✗ A. Two
- ✗ B. Three
- ✗ C. None
- ✓ D. One

Q.70 Seven people C, D, J, R, T, V and Y are sitting in a row, facing north. Only two people sit to the left of T. Only three people sit between Y and J, neither of whom sits on the extreme ends. R sits immediately to the right of D. C sits immediately to the left of Y. How many people sit to the left of J?

Ans
- ✗ A. One
- ✓ B. Five
- ✗ C. Four
- ✗ D. Two

Q.71 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. VW–AB
- ✗ B. RS–WX
- ✓ C. EF–IM
- ✗ D. AB–FG

Q.72 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only four people sit between O and Q. C sits to the immediate left of Q. Only one person sits between C and E. P sits at some place to the left of D.
How many people sit between P and D?

Ans
- ✗ A. Two
- ✗ B. Three
- ✗ C. None
- ✓ D. One

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Q.73 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

SHOW : HSOW : HSWO
PAIR : APIR : APRI

Ans
- ✗ A. CARE : ACER : ACRE
- ✗ B. FIND : IFND : FNID
- ✓ C. ZEAL : EZAL : EZLA
- ✗ D. GAWK : AWGK : AGWK

Q.74 63 is related to 21 following a certain logic. Following the same logic, 84 is related to 42. To which of the given options is 105 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 40
- ✗ B. 52
- ✗ C. 71
- ✓ D. 63

Q.75 Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 5 # 7 @ 2 % 8 & 4 $ 3 ! 9 * 6 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by another symbol?

Ans
- ✓ A. Six
- ✗ B. Three
- ✗ C. One
- ✗ D. Four

Q.76 The position(s) of how many letters will remain unchanged if each of the letters in the word DOUCELY is arranged in the English alphabetical order?

Ans
- ✗ A. Three
- ✗ B. None
- ✓ C. One
- ✗ D. Two

Q.77 L is the brother of C. N is the brother of R. T is the father of N. R is the daughter of C. How is L related to N?

Ans
- ✗ A. Brother's son
- ✗ B. Sister's son
- ✓ C. Mother's brother
- ✗ D. Sister's daughter

Q.78 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
AJM : IRU
OTP : WBX

Ans
- ✗ A. CWA : KOI
- ✓ B. BIL : JQT
- ✗ C. NIT : FQB
- ✗ D. QLP : WTX

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Q.79 **2 is related to 10 following a certain logic. Following the same logic, 4 is related to 18. To which of the following is 45 related, following the same logic? (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**

Ans
- ✔ A. 182
- ✘ B. 178
- ✘ C. 180
- ✘ D. 184

Q.80 **Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. Only three boxes are kept above G. Only five boxes are kept above C. Only two boxes are kept between D and C. E is kept immediately below B. A is not the bottommost box. Which box is kept immediately above F?**

Ans
- ✔ A. C
- ✘ B. G
- ✘ C. A
- ✘ D. D

Section : **General Awareness and Current Affairs**

Q.81 **Which of the following agencies published the report on Ease of Doing Research and Development in India in April 2026?**

Ans
- ✘ A. University Grants Commission
- ✘ B. Reserve Bank of India
- ✔ C. NITI Aayog
- ✘ D. National Bank for Agriculture and Rural Development

Q.82 **Which premier research and development centre under the Department of Telecommunications indigenously developed the Integrated Alert System (SACHET) in 2026?**

Ans
- ✘ A. Defence Research and Development Organisation (DRDO)
- ✘ B. Centre for Development of Advanced Computing (C-DAC)
- ✘ C. Indian Space Research Organisation (ISRO)
- ✔ D. Centre for Development of Telematics (C-DOT)

Q.83 **In February 2026, which city was the meeting place for Prime Minister of India Narendra Modi and the President of France?**

Ans
- ✔ A. Mumbai
- ✘ B. New York
- ✘ C. Rome
- ✘ D. Paris

Q.84 **Who won the men's long jump at the Indian Athletics Series 2026 with an 8.15-m leap?**

Ans
- ✔ A. Murali Sreeshankar
- ✘ B. Lokesh Sathyanathan
- ✘ C. Purushotham
- ✘ D. Sunny Kumar

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Q.85 Which organization revoked all actions under Stage-I of GRAP (Graded Response Action Plan) in the National Capital Region (NCR) in March 2026?

Ans

✔ A. Commission for Air Quality Management

✘ B. Central Pollution Control Board

✘ C. Ministry of Environment, Forest and Climate Change

✘ D. Delhi Pollution Control Committee

Q.86 As of April 2026, the Monetary Policy Committee (MPC) of the RBI voted to keep the policy repo rate unchanged at what percentage?

Ans

✘ A. 5.00%

✘ B. 5.50%

✔ C. 5.25%

✘ D. 4.75%

Q.87 Which political party emerged as the single largest party by winning the general elections to the assembly constituencies of Tamil Nadu in 2026?

Ans

✘ A. All India Anna Dravida Munnetra Kazhagam

✘ B. Dravida Munnetra Kazhagam

✘ C. Pattali Makkal Katchi

✔ D. Tamilaga Vettri Kazhagam

Q.88 In 2026, the Central Bureau of Investigation busted a transnational network involved in trafficking Indian nationals into “Cyber Slavery” operations mainly based in which region?

Ans

✘ A. West Asia

✘ B. Eastern Europe

✔ C. Southeast Asia

✘ D. Central Asia

Q.89 According to the Economic Survey 2025–26, India’s extreme poverty rate for 2022–23, based on the revised international poverty line, was estimated at what level?

Ans

✘ A. 14.9%

✘ B. 11.2%

✘ C. 8.7%

✔ D. 5.3%

Q.90 Which country signed a free trade agreement with the European Union in January 2026?

Ans

✔ A. India

✘ B. Kenya

✘ C. Australia

✘ D. Singapore

Q.91 In May 2026, strong winds and heavy rainfall affected 26 districts of which of the following states?

Ans

✘ A. Rajasthan

✔ B. Uttar Pradesh

✘ C. Madhya Pradesh

✘ D. Bihar

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Q.92 Which of the following states organized the 'Aaroh 2026' summer sports initiative camp?

Ans

✗ A. Odisha

✗ B. Rajasthan

✗ C. Haryana

✓ D. Madhya Pradesh

Q.93 In November 2025, ISRO successfully launched India's heaviest communication satellite also know as:

Ans

✗ A. CRM-7

✓ B. CMS-03

✗ C. GSAT-6B

✗ D. NAVIC-2

Q.94 To commemorate the 70th anniversary of the Ballon d'Or award, the 2026 Ballon d'Or ceremony is scheduled to be held in which of the following cities?

Ans

✗ A. Rome, Italy

✓ B. London, England

✗ C. Paris, France

✗ D. Madrid, Spain

Q.95 Which edition of The Monetary Policy Committee (MPC) of the Reserve Bank of India was held **from April 6th to 8th, 2026?**

Ans

✗ A. 50th

✓ B. 60th

✗ C. 40th

✗ D. 70th

Q.96 What is the name of the indigenous glide weapon system whose maiden flight was successfully tested by DRDO and IAF in May 2026?

Ans

✗ A. ANGIRA

✗ B. VIRA

✓ C. TARA

✗ D. SURYA

Q.97 Which of the following straits did Iran close in March 2026 due to the war with the USA?

Ans

✗ A. Bab-el-Mandeb

✗ B. Strait of Malacca

✗ C. Strait of Gibraltar

✓ D. Strait of Hormuz

Q.98 In April 2026, who among the following won the Laureus World Sportsman of the Year 2026 award?

Ans

✗ A. Max Verstappen

✓ B. Carlos Alcaraz

✗ C. Lionel Messi

✗ D. Rafael Nadal

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Q.99 **Which Indian film achieved a major milestone by being shortlisted for the 98th Academy Awards in the Best International Feature Film category?**

Ans
- ✗ A. Chhello Show
- ✗ B. Laapataa Ladies
- ✗ C. All We Imagine as Light
- ✓ D. Homebound

Q.100 **Dr. N Rajam, who was conferred with the Padma Vibhushan in May 2026, is a renowned _____.**

Ans
- ✗ A. Guitar maestro
- ✗ B. Tabla maestro
- ✓ C. Violin maestro
- ✗ D. Sitar maestro

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	03/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **If a resistor is connected to a voltage source and the resistance is halved while the voltage remains constant, what happens to the heat produced in a fixed time?**

Ans

✔ A. The heat produced increases to twice its previous value

✘ B. The heat produced decreases to half its previous value

✘ C. The heat produced increases to four times its previous value

✘ D. The heat produced remains unchanged

Q.2 **A student places a candle at a distance greater than twice the focal length from a convex lens. She observes the image formed on a screen. Which of the following best describes the image's nature, position, and size?**

Ans

✘ A. The image is virtual, inverted, formed at the focal point, and the same size as the object.

✔ B. The image is real, inverted, formed between the focal point and twice the focal length, and smaller than the object.

✘ C. The image is real, erect, formed beyond twice the focal length, and equal in size to the object.

✘ D. The image is virtual, erect, formed on the same side as the object, and larger than the object.

Q.3 **What does a higher degree of closeness of magnetic field lines indicate?**

Ans

✘ A. The field lines are about to cross

✘ B. Weaker magnetic field at that region

✔ C. Stronger magnetic field at that region

✘ D. Presence of electric field

Q.4 **Which among the following molecular formulae of organic compounds does NOT represent a ring structure?**

Ans

✘ A. C_6H_{10}

✘ B. C_6H_6

✔ C. C_6H_{14}

✘ D. C_6H_8

Q.5 **Why can you hear a train approaching when you put your ear on the railway track?**

Ans

✘ A. Sound moves through the air above the track

✔ B. Sound travels efficiently through solid steel rails to your ear

✘ C. Rails vibrate more loudly than air does

✘ D. Vibrations travel only along the surface of the rails

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Q.6 A pregnant woman in her ninth week visits a clinic for a check-up. The doctor explains that the developing baby is now called a foetus and will continue organ development. Which trimester is she currently in?

Ans

✔ A. First trimester

✘ B. Later stage

✘ C. Second trimester

✘ D. Third trimester

Q.7 Where is the intercalary meristem commonly located in plants?

Ans

✔ A. At the base of leaves or internodes

✘ B. At the edge of leaves

✘ C. On lateral sides of the stem

✘ D. At the tip of roots and shoots

Q.8 Why do the ventricles of the heart have thicker muscular walls compared to the atria?

Ans

✘ A. They separate oxygenated and de-oxygenated blood

✘ B. They store more blood before each contraction

✔ C. They pump blood to organs throughout the body

✘ D. They require more nerves for neural control

Q.9 A new microorganism is found that is unicellular, prokaryotic, and lacks a membrane-bound nucleus but can perform photosynthesis. According to the five kingdom classification, which kingdom is it placed in?

Ans

✘ A. Plantae

✘ B. Fungi

✘ C. Protista

✔ D. Monera

Q.10 A glass vessel contains a chemical reaction where no gas escapes or enters. According to the Law of Conservation of Mass, which situation is most accurate?

Ans

✘ A. The total mass before the reaction is less than that after the reaction.

✘ B. The total mass after the reaction increases.

✔ C. The total mass before and after the reaction remains unchanged.

✘ D. The total mass after the reaction decreases.

Q.11 A shiny iron nail was left in four different conditions for several days.
I. Dry air in a sealed container
II. Water containing dissolved oxygen
III. Water that had been boiled and then covered with oil
IV. Moist air

In which of the above conditions will rusting of iron most likely occur?

Ans

✔ A. II and IV only

✘ B. I, II and IV

✘ C. II, III and IV

✘ D. I and III only

Q.12 A higher concentration of H+ ions in a solution corresponds to:

Ans

✘ A. Neutral pH

✔ B. Lower pH value

✘ C. Constant pH

✘ D. Higher pH value

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Q.13 If an object's mass is doubled while the applied force remains constant, what happens to its acceleration according to the formula for force?

Ans

✗ A. The acceleration is doubled

✗ B. The acceleration remains unchanged

✗ C. The acceleration becomes zero

✓ D. The acceleration is halved

Q.14 Which of the following is an example of kinetic energy?

Ans

✗ A. A parked bicycle

✓ B. A flying bird in the sky

✗ C. A book on a shelf

✗ D. An apple hanging from a tree

Q.15 Which of the following mixtures best demonstrates a heterogeneous mixture at the macroscopic level?

Ans

✗ A. Nitrogen and Oxygen

✓ B. Sand and Water

✗ C. Salt and water

✗ D. Sugar and water

Q.16 Which statement best describes the electrical conductivity of non-metals in their pure form?

Ans

✓ A. Non-metals do not conduct electricity

✗ B. Non-metals conduct electricity as metals do

✗ C. Non-metals conduct electricity efficiently

✗ D. Non-metals have high electrical conductivity

Q.17 From a distance-time graph, how can the uniform speed of an object be calculated?

Ans

✗ A. By measuring the total distance only

✗ B. By measuring the total time only

✗ C. By measuring the area under the graph

✓ D. By measuring the slope of the graph

Q.18 An element has an atomic number of 17. Based on the arrangement of charged particles in its atom, which statement best explains the number of electrons in its neutral state?

Ans

✗ A. It contains 17 electrons to match the 17 neutrons present.

✗ B. It contains 8 electrons in the innermost shell alone.

✗ C. It has more electrons than protons due to its atomic mass.

✓ D. It has 17 electrons to balance the 17 protons present.

Q.19 Arrange the following steps of the water cycle in the correct order:
1.Condensation
2.Evaporation
3.Precipitation
4.Collection in water bodies

Ans

✗ A. 3 → 2 → 1 → 4

✗ B. 2 → 3 → 1 → 4

✗ C. 1 → 2 → 3 → 4

✓ D. 2 → 1 → 3 → 4

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Q.20 **Which part of the human brain is mainly involved in maintaining body balance?**

Ans

✗ A. Medulla

✓ B. Cerebellum

✗ C. Pons

✗ D. Cerebrum

Q.21 **While opening a bottle cap using a bottle opener, the resistance offered by the cap acts as the _____.**

Ans

✗ A. Effort

✗ B. Energy source

✓ C. Load

✗ D. Machine

Q.22 **Which tissue is absent in the touch response of a sensitive plant?**

Ans

✗ A. Epithelial tissue

✗ B. Vascular tissue

✗ C. Ground tissue

✓ D. Nervous tissue

Q.23 **Why do multicellular organisms need specialized systems for the intake of energy and exchange of materials, unlike unicellular organisms?**

Ans

✗ A. Single-celled organisms do not require cellular energy to survive

✗ B. They are much heavier than single-celled organisms

✗ C. They are completely unable to move from one place to another

✓ D. Most internal cells lack direct contact with the external environment

Q.24 **A student places an object 18 cm from a converging lens of focal length 12 cm. The image formed is real. What is the magnification produced by the lens?**

Ans

✓ A. - 2

✗ B. - 1.5

✗ C. + 1.5

✗ D. + 2

Q.25 **A student burns ethanol in air and observes a blue flame. Which statement best explains this observation?**

Ans

✗ A. Impurities in ethanol cause the blue color of the flame.

✗ B. Incomplete combustion leads to a blue flame because of less oxygen.

✓ C. Complete combustion produces a blue flame due to sufficient oxygen supply.

✗ D. Ethanol produces a red flame when burned in air.

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Section : **Mathematics**

Q.26 **Rajesh started a business with ₹50,000. In the first year, he made a profit of 20%. He reinvested all the money (original + profit) in the second year. In the second year, he suffered a loss of 15%. At the end of the second year, he sold his remaining business assets and received an additional ₹8,000 as goodwill. What is his overall profit or loss percentage on his original investment?**

Ans

✓ A. 18% profit

✗ B. 15% loss

✗ C. 20% profit

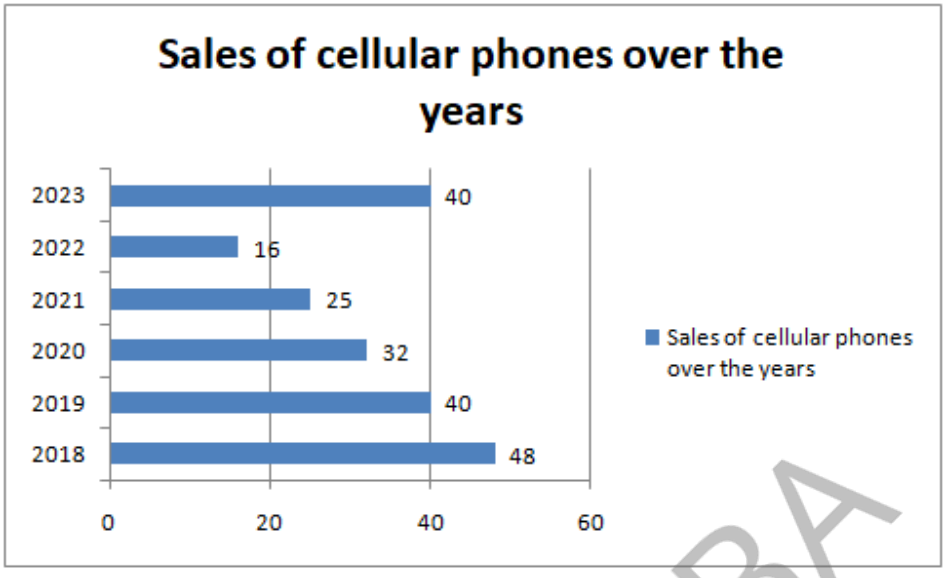
✗ D. 12% loss

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Q.27 In a circle of radius 5 cm, AB and AC are two equal chords such that AB = AC = 7 cm. What is the length of the chord BC? (Rounded off to 3 decimal places.)

Ans
- ✗ A. 9.996 cm
- ✗ B. 9.990 cm
- ✓ C. 9.998 cm
- ✗ D. 9.992 cm

Q.28 The bar graph below shows the sales (in thousands) of cellular phones from 2018 to 2023. Study the graph and answer the question.
Find the average sales of cellular phones (in thousands) from 2021 to 2023.



Ans
- ✗ A. 25
- ✗ B. 28
- ✓ C. 27
- ✗ D. 26

Q.29 B is as much younger to A as he is elder to C. The ratio of the ages of A and C is 9 : 8 and sum of their ages is 68. What is the difference between the ages of A and B?

Ans
- ✗ A. 5
- ✗ B. 4
- ✓ C. 2
- ✗ D. 6

Q.30 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 46% and 13%, shop II allows successive discounts of 55% and 69%, shop III allows successive discounts of 47% and 68%, and shop IV allows successive discounts of 91%, 98%, and 18% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. III
- ✗ B. I
- ✓ C. IV
- ✗ D. II

Q.31 What is the time (in years) required for a sum of ₹12,000 at 6% per annum simple interest to earn ₹2,160?

Ans
- ✗ A. 2 years
- ✓ B. 3 years
- ✗ C. 2.5 years
- ✗ D. 3.5 years

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Q.32 A sum of money is divided among P, Q, and R in the ratio 2:3:5. If R gets Rs. 290 more than Q, what is the total sum?

Ans

✗ A. Rs. 900

✗ B. Rs. 1100

✓ C. Rs. 1450

✗ D. Rs. 1200

Q.33 The product of the HCF and LCM of two numbers is 1944. Find the second number, if the first number is 54.

Ans

✗ A. 48

✗ B. 42

✓ C. 36

✗ D. 24

Q.34 What is the mean of the following distribution?

Marks	14	28	55	75	93
No. of Students	33	81	73	44	35

Ans

✗ A. 46

✗ B. 39

✗ C. 42

✓ D. 50

Q.35 What is the value of (8x + 2y), if mean of the following distribution is 56?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	3	12	x	5	y	70

Ans

✓ A. 298

✗ B. 302

✗ C. 292

✗ D. 294

Q.36 The slant height of a cone is 25 cm, and the radius of its base is 17 cm. Find its total surface area. (Use π = 22/7.)

Ans

✓ A. 2244 cm^2

✗ B. 2750 cm^2

✗ C. 1283 cm^2

✗ D. 3300 cm^2

Q.37 A train, 150 m long, running at 60 km/h passes another train, which is twice as fast as this train and is running on a parallel line in the opposite direction, in 8 seconds. Find the length (in m) of the second train.

Ans

✗ A. 300

✗ B. 320

✓ C. 250

✗ D. 280

Q.38 The income of Raman is ₹70,000. He saves 26% of his income. If his income increases by 32% and expenditure increases by 45%, then his savings will:

Ans

✗ A. decrease by ₹908

✓ B. decrease by ₹910

✗ C. increase by ₹909

✗ D. increase by ₹913

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Q.39 As observed from the top of a 150 m high lighthouse from the sea-level, the angles of depression of two ships are 30° and 60°. If one ship is exactly behind the other on the same side of the lighthouse, then find the difference between the horizontal distances of both ships from the base of lighthouse (Use $\sqrt{3}=1.7$).

Ans
- ✗ A. 183 m
- ✗ B. 168 m
- ✓ C. 170 m
- ✗ D. 178 m

Q.40 The compound interest (in ₹, rounded off to the nearest tens) on ₹10,000 at the rate of 8% per annum for 1.5 years, if interest is compounded half-yearly, is:

Ans
- ✗ A. 1,450
- ✗ B. 1,150
- ✓ C. 1,250
- ✗ D. 1,350

Q.41 Given that $17^{0.3} = x$, $17^{0.5} = y$ and $x^z = y^5$, then the value of z is close to:

Ans
- ✗ A. 10.33
- ✓ B. 8.33
- ✗ C. 8.67
- ✗ D. 7.67

Q.42 Amit and Bharat started a business with investments of ₹40,000 and ₹55,000, respectively. After 6 months, Chetan joined with ₹60,000. If the annual profit is ₹47,400, what is Bharat's share?

Ans
- ✗ A. ₹20,756
- ✗ B. ₹20,886
- ✗ C. ₹20,716
- ✓ D. ₹20,856

Q.43 From a point on the ground, the angle of elevation to the top of a tree is 45°. If the point is 20 m away from the base, what is the height of the tree?

Ans
- ✗ A. 18 m
- ✗ B. 15 m
- ✓ C. 20 m
- ✗ D. 22 m

Q.44 The production of a factory increased from 1,200 units to 1,500 units. Find the percentage increase in production.

Ans
- ✗ A. 20%
- ✗ B. 22%
- ✓ C. 25%
- ✗ D. 30%

Q.45 If 2 liters of juice costing ₹30 per liter are mixed with 8 liters of juice costing ₹50 per liter, what is the price per liter (in ₹) of the mixture?

Ans
- ✓ A. 46
- ✗ B. 50
- ✗ C. 48
- ✗ D. 44

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Q.46 Simplify:

$$(7^7 \times 7^{-5} \div 7^{-4}) \div \left(7^0 \times 7^{-2} \text{ of } \left(\frac{1}{7}\right)^{-5}\right)$$

Ans
- ✗ A. 49
- ✓ B. 343
- ✗ C. 1
- ✗ D. 7

Q.47 Riya can complete a piece of work in 15 days, while Neha can complete the same work in 20 days. If both of them work together, how many days will they take to complete the work?

Ans
- ✗ A. $\frac{29}{3}$ days
- ✗ B. $\frac{75}{8}$ days
- ✓ C. $\frac{60}{7}$ days
- ✗ D. $\frac{35}{4}$ days

Q.48 For a cone, the curved surface area is two-thirds of its total surface area. What is the ratio of its slant height to its radius?

Ans
- ✗ A. 3 : 1
- ✗ B. 1 : 2
- ✗ C. 1 : 1
- ✓ D. 2 : 1

Q.49 The difference between compound interest and simple interest at a rate of 5% per annum over a period of 2 years on an amount of ₹15,000 is:

Ans
- ✗ A. ₹41.90
- ✗ B. ₹33.60
- ✗ C. ₹42.10
- ✓ D. ₹37.50

Q.50 Sam covered a certain distance at a certain speed. Had he moved 4.5 kmph faster, he would have taken 30 minutes less. If he had moved 4.5 kmph slower, he would have taken 35 minutes more. Find the distance covered by him.

Ans
- ✗ A. 411.5 km
- ✗ B. 429.5 km
- ✓ C. 409.5 km
- ✗ D. 420 km

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Section : General Intelligence and Reasoning

Q.51 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) A S # P L $ % T U I $ * M < > S + A @ * & A W ? % A Z Y & @ E $ R (Right)

How many such consonants are there, each of which is immediately preceded by a symbol and immediately followed by a vowel?

Ans
- ✓ A. 1
- ✗ B. 3
- ✗ C. 2
- ✗ D. 4

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Q.52 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B', and
A # B means 'A is the daughter of B'.

How is Q related to G if 'N # G × L % R % Q # K'?

Ans
- ✗ A. Husband's mother
- ✗ B. Husband's sister
- ✓ C. Son's daughter
- ✗ D. Brother's wife

Q.53 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. GH - KL
- ✓ B. JK - NK
- ✗ C. BC - FG
- ✗ D. MN - QR

Q.54 Refer to the following letter, symbol series and answer the question.

(Left) B B H J $ H & J K + ? N + ? $ & H ^ G # (Right)

If all the letters are dropped from the series, which of the following will be seventh from the right?

Ans
- ✗ A. +
- ✗ B. =
- ✓ C. ?
- ✗ D. #

Q.55 What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged?
35 × 7 ÷ 9 – 28 + 31 = ?

Ans
- ✓ A. 42
- ✗ B. 38
- ✗ C. 44
- ✗ D. 40

Q.56 This question is based on the five, three-digit numbers given below.

(Left) 649 782 415 563 238 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What will be the sum, if the third digit of the second number from left is added to the first digit of the fourth number from left?

Ans
- ✗ A. 9
- ✗ B. 8
- ✓ C. 7
- ✗ D. 6

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Q.57 Each of the digits in the number 546598492 is arranged in ascending order from left to right. What will be the sum of the digits that are third from the left and third from the right in the new number thus formed?

Ans

✔ A. 12

✘ B. 11

✘ C. 13

✘ D. 10

Q.58 Each vowel in the word DERVISH is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans

✘ A. One

✘ B. Two

✔ C. None

✘ D. Three

Q.59 This question is based on the five, three-digit numbers given below.
(Left) 532 637 724 386 452 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.
If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

Ans

✔ A. None

✘ B. One

✘ C. Three

✘ D. Two

Q.60 What should come in place of the question mark (?) in the given series?

198 210 234 246 270 282 ?

Ans

✔ A. 306

✘ B. 303

✘ C. 311

✘ D. 301

Q.61 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✘ A. FJ–MQ

✘ B. SW–ZD

✔ C. HL–NU

✘ D. BF–IM

Q.62 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 poles, F, R, H, U and T each having a different height, which pole is the tallest?
(I) F is shorter than R but taller than H
(II) H is taller than U but shorter than T

Ans

✘ A. Statement (I) alone is sufficient, but statement (II) alone is not sufficient.

✘ B. Both statements (I) and (II) together are sufficient to answer the question.

✔ C. Both statements (I) and (II) together are NOT sufficient to answer the question, but neither alone is sufficient.

✘ D. Statement (II) alone is sufficient, but statement (I) alone is not sufficient.

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Q.63 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

AGENT : EGTNA : TGANE
WORLD : RODLW : DOWLR

Ans
- ✗ A. CRAFT : ARCTF : TRCFA
- ✓ B. EARTH : RAHTE : HAETR
- ✗ C. CLOUD : LOUDC : COULD
- ✗ D. WATER : RATEW : TAWER

Q.64 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as that followed in the question?
(NOTE – A two/three digit number cannot be broken into individual digits for operations; e.g., if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits.)

2 – 6 – 12 – 20 ; 3 – 7 – 13 – 21

Ans
- ✓ A. 4 – 8 – 14 – 22
- ✗ B. 7 – 11 – 15 – 21
- ✗ C. 5 – 9 – 13 – 17
- ✗ D. 6 – 10 – 16 – 22

Q.65 What should come in place of ? in the given series based on the English alphabetical order?
ASW FPU KMS PJQ ?

Ans
- ✗ A. WGP
- ✗ B. VHO
- ✓ C. UGO
- ✗ D. XIQ

Q.66 Each of T, R, O, U, B, L and E has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has exam on Friday. Only two people have exam between E and U. Only four people have exam between L and E. T has exam immediately after R. O doesn't have exam on Monday. How many people have exam between O and B?

Ans
- ✗ A. Two
- ✗ B. One
- ✓ C. Four
- ✗ D. Three

Q.67 Ajay starts driving his car towards the north. After driving 10 m, he turns towards the left and drives 30 m. He then turns towards the right and drives 20 m. He finally turns towards the left and drives 10 m. In which direction is he facing now? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. East
- ✓ B. West
- ✗ C. North
- ✗ D. South

Q.68 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only E sits to the left of D. Only three people sit between E and Q. Only C sits between O and Q.
How many people sit between P and O?

Ans
- ✗ A. One
- ✓ B. Two
- ✗ C. None
- ✗ D. Three

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Q.69 Seven boxes R, A, C, K, E, T and S are kept one over the other but not necessarily in the same order.
Only three boxes are kept below C. Only two boxes are kept between C and R. Only E is kept above S. K is kept at some place below T and at some place above A.
Which box is kept at second position from the bottom?

Ans
✗ A. C
✓ B. A
✗ C. R
✗ D. E

Q.70 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
FSX : ANS
MVD : HQY

Ans
✓ A. JYA : ETV
✗ B. QFH : ODF
✗ C. IXZ : FUV
✗ D. HWY : DSU

Q.71 A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
H lives on an even-numbered floor but not on floor number 4. Only two people live between H and P. A lives on an odd-numbered floor but not on the lowermost floor. Only two people live between A and Y. S lives immediately below A.
How many people live between G and S?

Ans
✗ A. Four
✓ B. Two
✗ C. Three
✗ D. One

Q.72 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: Some books are papers. No book is a towel.
Conclusion (I): Some papers are towels.
Conclusion (II): No towel is a paper.

Ans
✗ A. Only conclusion (II) follows
✗ B. Only conclusion (I) follows
✗ C. Both conclusions (I) and (II) follow
✓ D. Neither conclusion (I) nor (II) follows

Q.73 15 is related to 46 following a certain logic. Following the same logic, 2 is related to 7.
To which of the following is 8 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 27
✗ B. 23
✗ C. 29
✓ D. 25

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Q.74 Each vowel in the word DRAFTED is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fourth from the left in the new group of letters thus formed?

Ans
- ✗ A. G
- ✗ B. F
- ✓ C. E
- ✗ D. D

Q.75 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some laptops are watches.
No watch is a computer.

Conclusions:
(I) Some laptops are computers.
(II) Some watches are laptops.

Ans
- ✓ A. Only conclusion (II) follows
- ✗ B. Both conclusions (I) and (II) follow
- ✗ C. Neither conclusion (I) nor (II) follows
- ✗ D. Only conclusion (I) follows

Q.76 Eight people Akhil, Binod, Charu, Deepak, Ekta, Firoj, Gaurav and Hira are sitting in a row, facing north. Only three people sit to the left of Ekta. Binod is an immediate neighbour of Ekta and sits third to the right of Akhil. Deepak sits third to the left of Charu. Firoj is not an immediate neighbour of Charu. Charu sits second to left of Hira. Who sits at the extreme left end of the line?

Ans
- ✗ A. Deepak
- ✗ B. Binod
- ✗ C. Akhil
- ✓ D. Firoj

Q.77 Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

(Left) 2 7 5 6 9 8 1 9 9 7 2 3 4 1 6 2 7 5 1 8 9 (Right)

How many such odd digits are there, which are immediately preceded by an even digit and also immediately followed by a perfect square? (NOTE: 1 is also a perfect square.)

Ans
- ✓ A. Two
- ✗ B. One
- ✗ C. Four
- ✗ D. Three

Q.78 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: HJF :: RTP : %

Ans
- ✗ A. # = KJC , % = UML
- ✗ B. # = MKC , % = UKO
- ✓ C. # = EGC , % = UWS
- ✗ D. # = ELC , % = UWL

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Q.79 In a certain code language,
A + B means 'A is the wife of B',
A − B means 'A is the sister of B',
A × B means 'A is the father of B' and
A ÷ B means 'A is the brother of B'.

How is M related to S if 'M × N − O + P ÷ S'?

Ans
✗ A. Mother's father
✓ B. Brother's wife's father
✗ C. Sister's husband
✗ D. Brother's son

Q.80 If + means - , - means × , × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?
33 - 7 ÷ 81 + 44 × 22 = ?

Ans
✗ A. 320
✗ B. 301
✓ C. 310
✗ D. 305

Section : **General Awareness and Current Affairs**

Q.81 What is the name of the AI-powered platform launched by Income Tax Department of India in April 2026 to simplify tax filing and provide 24×7 guidance?

Ans
✗ A. Nir Saathi
✗ B. e-Tax Saathi
✗ C. Tax Saathi
✓ D. Kar Saathi

Q.82 Who was elevated to the post of Chief Justice of the Calcutta High Court in January 2026?

Ans
✓ A. Justice Sujoy Paul
✗ B. Justice Radhika Sen
✗ C. Justice Krishna Rao
✗ D. Justice Arijit Banerjee

Q.83 In January 2026, the Ministry of Electronics and Information Technology (MeitY) launched "Param Shakti," an indigenously developed 3.1 Petaflop supercomputing system, at which premier institute?

Ans
✓ A. Indian Institute of Technology (IIT) Madras
✗ B. Indian Institute of Technology (IIT) Delhi
✗ C. Indian Institute of Technology (IIT) Bombay
✗ D. Indian Institute of Science (IISc), Bengaluru

Q.84 Who among the following has won the Laureus World Sportswoman of the Year 2026 award?

Ans
✗ A. Faith Kipyegon
✗ B. Aitana Bonmatí
✗ C. Ketie Ledecky
✓ D. Aryna Sabalenka

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Q.85 Operation Parhar, launched by Punjab Police in January 2026, was primarily aimed at addressing which of the following issues in the state?

Ans
- ✔ A. Gangster networks
- ✘ B. Border infiltration
- ✘ C. Drug trafficking
- ✘ D. Cybercrime networks

Q.86 Which two weather phenomena did the 16th Finance Commission recommend adding to India's list of nationally notified disasters?

Ans
- ✘ A. Dust storms and cloudbursts
- ✔ B. Heatwaves and lightning strikes
- ✘ C. Cold waves and hailstorms
- ✘ D. Glacial lake outbursts and mudslides

Q.87 At the 29th National Senior Federation Cup held in Ranchi during 2026, which Indian athlete set a new national record in the men's 100-metre event by clocking 10.09 seconds?

Ans
- ✘ A. Animesh Kujur
- ✘ B. Manikanta Hoblidhar
- ✘ C. Amlan Borgohain
- ✔ D. Gurindervir Singh

Q.88 Which union minister of India is the author of the book "Apnapan: Narendra Modi Sang Mere Anubhav" which was launched in May 2026?

Ans
- ✘ A. Shri Manohar Lal
- ✔ B. Shri Shivraj Singh Chouhan
- ✘ C. Shri Nitin Jairam Gadkari
- ✘ D. Shri Jagat Prakash Nadda

Q.89 Which state hosted the inaugural edition of Khelo India Tribal Games from 25th March to 3rd April 2026?

Ans
- ✘ A. Haryana
- ✘ B. Punjab
- ✘ C. West Bengal
- ✔ D. Chhattisgarh

Q.90 In March 2026, which country hosted the World Trade Organization's 14th Ministerial Conference (MC14)?

Ans
- ✘ A. Vietnam
- ✘ B. Brazil
- ✔ C. Cameroon
- ✘ D. Morocco

Q.91 Which of the following American civil rights leaders, known for his contributions to racial equality, social justice, and political activism in the United States, was reported to have passed away in February 2026?

Ans
- ✘ A. John Lewis
- ✔ B. Jesse Jackson
- ✘ C. Al Sharpton
- ✘ D. Andrew Young

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Q.92 Which place in Manipur experienced epicenter of an earthquake in April 2026?

Ans
- ✔ A. Kamjong
- ✘ B. Ukhrul
- ✘ C. Senapati
- ✘ D. Churachandpur

Q.93 Which edition of National Family Health Survey was released by the Ministry of Health and Family Welfare, government of India in May 2026?

Ans
- ✘ A. 10th
- ✔ B. 6th
- ✘ C. 8th
- ✘ D. 4th

Q.94 Which missile's final development trials were successfully completed by the Defence Research and Development Organisation in May 2026?

Ans
- ✘ A. Agni-Prime
- ✘ B. BrahMos
- ✔ C. ULPGM-V3
- ✘ D. Nirbhay

Q.95 In June 2026, West Bengal Chief Minister Suvendu Adhikari launched the Annapurna Scheme. Who are the primary beneficiaries and what is the benefit?

Ans
- ✘ A. Tribal students receiving free coaching for IIT-JEE
- ✘ B. Muslim artisans receiving loans at 6% interest
- ✔ C. Women receiving Rs. 3,000 monthly financial assistance
- ✘ D. Transgender persons receiving housing in minority colonies

Q.96 On which date in 2026 did India officially commemorate Ambedkar Jayanti to honor the architect of the Constitution, Dr. B.R. Ambedkar, with nationwide events?

Ans
- ✔ A. 14 April 2026
- ✘ B. 7 April 2026
- ✘ C. 1 May 2026
- ✘ D. 17 April 2026

Q.97 According to the Economic Survey 2025–26, which sector emerged as the largest contributor to India's Gross Value Added (GVA) in recent years?

Ans
- ✔ A. Services sector
- ✘ B. Mining and quarrying
- ✘ C. Agriculture and allied activities
- ✘ D. Manufacturing sector

Q.98 Which country hosted the 2025 Africa Cup of Nations (AFCON) from December 2025 to January 2026?

Ans
- ✘ A. Algeria
- ✘ B. Tunisia
- ✔ C. Morocco
- ✘ D. Egypt

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Q.99 **Where was the 4th International Conference on "Arbitrating Indo-UK Commercial Disputes" held on June 5, 2026?**

Ans
- ✔ A. London, United Kingdom
- ✘ B. Manchester, England
- ✘ C. New Delhi, India
- ✘ D. Mumbai, India

Q.100 **PSLV-C62 carrying EOS-N1 was launched in 2026 from which launch centre?**

Ans
- ✘ A. Vikram Sarabhai Space Centre, Thiruvananthapuram
- ✘ B. Thumba Equatorial Rocket Launching Station, Thiruvananthapuram
- ✔ C. Satish Dhawan Space Centre, Sriharikota
- ✘ D. ISRO Propulsion Complex, Mahendragiri

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	J92500074543
Roll Number	189252290650483
Candidate Name	R ARIVANANTHA PANDIAN
Community	SC
Test Center Name	iON Digital Zone iDZ Madurai III
Test Date	03/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 To increase the width or girth of a tree trunk, cells must divide around the stem in a ring-like manner. Which tissue performs this function?

Ans

✗ A. Apical meristem

✗ B. Intercalary meristem

✗ C. Sclerenchyma

✓ D. Lateral meristem

Question ID : **4410091974903**
Option 1 ID : **4410097778466**
Option 2 ID : **4410097778465**
Option 3 ID : **4410097778464**
Option 4 ID : **4410097778467**
Status : **Answered**
Chosen Option : **D**

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Q.2 Which of the following statements about neutrons is correct?

Ans

✗ A. Neutrons are positively charged particles found in the nucleus

✗ B. Neutrons are negatively charged and found in the outermost shell

✗ C. Neutrons revolve around the nucleus like electrons

✓ D. Neutrons have no charge and are found in the nucleus of an atom

Question ID : **441009864653**
Option 1 ID : **4410093411712**
Option 2 ID : **4410093411715**
Option 3 ID : **4410093411714**
Option 4 ID : **4410093411713**
Status : **Answered**
Chosen Option : **A**

Q.3 Why is baking soda preferred over sodium carbonate in fire extinguishers?

Ans

✗ A. It reacts violently producing heat

✗ B. It produces hydrogen gas rapidly

✗ C. It forms insoluble residue

✓ D. It releases carbon dioxide easily with acid

Question ID : **4410091704508**
Option 1 ID : **4410096723095**
Option 2 ID : **4410096723096**
Option 3 ID : **4410096723097**
Option 4 ID : **4410096723094**
Status : **Answered**
Chosen Option : **D**

Q.4 Which material would be the best choice for electrical transmission lines?

Ans

✗ A. Glass

✗ B. Tungsten

✓ C. Aluminium

✗ D. Rubber

Question ID : **4410091667681**
Option 1 ID : **4410096582672**
Option 2 ID : **4410096582671**
Option 3 ID : **4410096582674**
Option 4 ID : **4410096582673**
Status : **Answered**
Chosen Option : **B**

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Q.5 **A pencil appears bent when partially submerged in water. Which scenario best explains how understanding refraction can help design better aquarium displays?**

Ans
✗ A. Changing water temperature to reduce light bending

✗ B. Using colored backgrounds to make objects stand out

✗ C. Using mirrors to enhance the brightness of the aquarium

✓ D. Positioning lighting to account for refraction can make fish appear in their true locations to viewers

Question ID : **4410092046250**
Option 1 ID : **4410098057074**
Option 2 ID : **4410098057076**
Option 3 ID : **4410098057075**
Option 4 ID : **4410098057073**
Status : **Answered**
Chosen Option : **D**

Q.6 **An earthworm and crab both have segmented bodies, but only one has a hard outer covering. Which benefit does this outer covering provide in terrestrial environments?**

Ans
✗ A. Allows more flexible movement

✗ B. Provides tentacles for prey capture

✗ C. Facilitates single opening for digestion

✓ D. Prevents water loss and offers protection

Question ID : **4410091993642**
Option 1 ID : **4410097852109**
Option 2 ID : **4410097852111**
Option 3 ID : **4410097852110**
Option 4 ID : **4410097852112**
Status : **Answered**
Chosen Option : **D**

Q.7 **A student observes that a swimming pool appears shallower than its actual depth. Which concept best explains this effect?**

Ans
✗ A. Reflection of light from the pool floor

✓ B. Refraction of light at the water-air boundary

✗ C. Scattering of light by water molecules

✗ D. Internal reflection of light within the water

Question ID : **4410092046221**
Option 1 ID : **4410098056957**
Option 2 ID : **4410098056959**
Option 3 ID : **4410098056958**
Option 4 ID : **4410098056960**
Status : **Answered**
Chosen Option : **B**

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Q.8 **Which process is commonly used to extract iron, a metal in the middle of the activity series, from its ore?**

Ans
- ✔ A. Reduction with carbon (coke)
- ✘ B. Thermal decomposition
- ✘ C. Electrolytic reduction
- ✘ D. Reduction with hydrogen

Question ID : **4410091609574**
Option 1 ID : **4410096357209**
Option 2 ID : **4410096357210**
Option 3 ID : **4410096357208**
Option 4 ID : **4410096357211**
Status : **Answered**
Chosen Option : **A**

Q.9 **Which molecule is immediately synthesized using energy released during cellular respiration in animal cells?**

Ans
- ✘ A. Adenosine Diphosphate (ADP)
- ✔ B. Adenosine triphosphate (ATP)
- ✘ C. Guanosine Diphosphate (GDP)
- ✘ D. Nicotinamide adenine Dinucleotide (NAD)

Question ID : **4410091978919**
Option 1 ID : **4410097794577**
Option 2 ID : **4410097794575**
Option 3 ID : **4410097794576**
Option 4 ID : **4410097794578**
Status : **Answered**
Chosen Option : **B**

Q.10 **A cyclist covers a distance of 30 kilometers in 1.5 hours. What is the average speed of the cyclist?**

Ans
- ✘ A. 45 kilometers per hour
- ✘ B. 15 kilometers per hour
- ✘ C. 2 kilometers per hour
- ✔ D. 20 kilometers per hour

Question ID : **4410091560488**
Option 1 ID : **4410096164116**
Option 2 ID : **4410096164115**
Option 3 ID : **4410096164117**
Option 4 ID : **4410096164114**
Status : **Answered**
Chosen Option : **D**

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Q.11 Refer to the two statements given below and choose the CORRECT option.

Statement A: Ethanoic acid reacts with bases to form a salt and water.
Statement B: This reaction is classified as an oxidation reaction.

Ans

✗ A. Both statements A and B are incorrect.

✗ B. Statement A is incorrect but B is correct.

✗ C. Both statements A and B are correct.

✓ D. Statement A is correct but B is incorrect.

Question ID : **4410091647203**
Option 1 ID : **4410096505074**
Option 2 ID : **4410096505076**
Option 3 ID : **4410096505073**
Option 4 ID : **4410096505075**
Status : **Answered**
Chosen Option : **D**

Q.12 A student observes the following reaction during heating of copper powder in air.
$2Cu + O_2 \rightarrow 2CuO$
Later, hydrogen gas is passed over the black copper oxide and reddish-brown copper is obtained.
$CuO + H_2 \rightarrow Cu + H_2O$
Which substance is oxidized in first reaction and reduced in second reaction?

Ans

✗ A. Oxygen in first reaction and Copper oxide in second reaction

✗ B. Copper oxide in first reaction and Copper in second reaction

✓ C. Copper in first reaction and Copper oxide in second reaction

✗ D. Hydrogen in first reaction and Copper oxide in second reaction

Question ID : **4410091825949**
Option 1 ID : **4410097198047**
Option 2 ID : **4410097198049**
Option 3 ID : **4410097198046**
Option 4 ID : **4410097198048**
Status : **Answered**
Chosen Option : **C**

Q.13 Which of the following statements is true about ethanoic acid?

Ans

✗ A. It has a soapy feel and bitter taste

✗ B. It is used to sweeten food due to its sugar content

✗ C. It does not dissolve in water

✓ D. It turns blue litmus red and reacts with carbonates to produce CO_2

Question ID : **4410091450032**
Option 1 ID : **4410095728629**
Option 2 ID : **4410095728630**
Option 3 ID : **4410095728628**
Option 4 ID : **4410095728631**
Status : **Answered**
Chosen Option : **D**

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Q.14 An ornithologist observes that birds in mountainous regions have more robust chest muscles and larger wings compared to those in forests. Which structural adaptation is being demonstrated?

Ans

✗ A. Enhancing nest building

✗ B. Improving camouflage

✓ C. Facilitating sustained flight in thin air

✗ D. Increasing egg production

Question ID : **4410091978941**
Option 1 ID : **4410097794665**
Option 2 ID : **4410097794666**
Option 3 ID : **4410097794663**
Option 4 ID : **4410097794664**
Status : **Answered**
Chosen Option : **C**

Q.15 What does the splitting of water molecules during photosynthesis produce?

Ans

✗ A. Oxygen and carbon

✓ B. Hydrogen and oxygen

✗ C. Nitrogen and carbon

✗ D. Nitrogen and oxygen

Question ID : **4410092045263**
Option 1 ID : **4410098053134**
Option 2 ID : **4410098053135**
Option 3 ID : **4410098053137**
Option 4 ID : **4410098053136**
Status : **Answered**
Chosen Option : **B**

Q.16 An object of mass m is raised vertically through a height h near the Earth's surface. What is its gravitational potential energy?

Ans

✗ A. hg/m

✗ B. mg/h

✓ C. mgh

✗ D. mh/g

Question ID : **4410092046253**
Option 1 ID : **4410098057088**
Option 2 ID : **4410098057086**
Option 3 ID : **4410098057085**
Option 4 ID : **4410098057087**
Status : **Answered**
Chosen Option : **C**

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Q.17 A student observes that moving the object from beyond the center of curvature toward the focus of a concave mirror causes the image to change. What change is observed?

Ans

✗ A. The image becomes smaller and moves toward the mirror

✓ B. The image becomes larger and moves away from the mirror

✗ C. The image becomes smaller and moves away from the mirror

✗ D. The image remains the same size and position

Question ID : **4410092046424**
Option 1 ID : **4410098057766**
Option 2 ID : **4410098057767**
Option 3 ID : **4410098057768**
Option 4 ID : **4410098057765**
Status : **Answered**
Chosen Option : **B**

Q.18 A student applies a constant force on a box at an angle to the horizontal, and the box moves in a straight horizontal line on a rough surface. Which statement correctly describes the work done by the applied force on the box?

Ans

✗ A. Only the vertical component of the applied force, multiplied by the distance moved vertically

✓ B. Only the horizontal component of the applied force, multiplied by the distance moved in the same direction, gives the work done

✗ C. The total applied force, including both horizontal and vertical components, multiplied by the distance moved

✗ D. The sum of the horizontal and vertical components of the force, multiplied by the total distance traveled

Question ID : **4410092046285**
Option 1 ID : **4410098057213**
Option 2 ID : **4410098057215**
Option 3 ID : **4410098057214**
Option 4 ID : **4410098057216**
Status : **Answered**
Chosen Option : **B**

Q.19 Which of the following statements best defines uniform circular motion?

Ans

✓ A. Motion along a circular path with constant speed and changing direction of velocity.

✗ B. Motion along a circular path with constant velocity and zero acceleration.

✗ C. Motion along a circular path with changing speed but constant velocity.

✗ D. Motion along a straight path with constant speed and constant velocity.

Question ID : **4410092046174**
Option 1 ID : **4410098056769**
Option 2 ID : **4410098056770**
Option 3 ID : **4410098056771**
Option 4 ID : **4410098056772**
Status : **Answered**
Chosen Option : **A**

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Q.20 Which gas is most abundant in the blood pumped by the heart to the body?

Ans

✗ A. Helium

✓ B. Oxygen

✗ C. Carbon dioxide

✗ D. Hydrogen

Question ID : **4410091984501**
Option 1 ID : **4410097816559**
Option 2 ID : **4410097816557**
Option 3 ID : **4410097816560**
Option 4 ID : **4410097816558**
Status : **Answered**
Chosen Option : **B**

Q.21 What is the main environmental concern associated with non-biodegradable waste?

Ans

✗ A. It improves soil fertility

✗ B. It breaks down easily in nature

✗ C. It is quickly recycled by organisms

✓ D. It accumulates and causes pollution

Question ID : **4410091722209**
Option 1 ID : **4410096792060**
Option 2 ID : **4410096792062**
Option 3 ID : **4410096792061**
Option 4 ID : **4410096792059**
Status : **Answered**
Chosen Option : **D**

Q.22 A student mixes oil and water in a beaker and notices two separate layers. Which explanation best fits this observation?

Ans

✗ A. Oil dissolves completely in water to form a uniform solution

✗ B. Oil and water form a homogeneous mixture with a single phase

✗ C. Oil and water chemically react to form a new compound

✓ D. Oil and water form a heterogeneous mixture because their components are not uniformly distributed

Question ID : **4410091621525**
Option 1 ID : **4410096404905**
Option 2 ID : **4410096404904**
Option 3 ID : **4410096404906**
Option 4 ID : **4410096404903**
Status : **Answered**
Chosen Option : **D**

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Q.23 Given that the atomic masses of C = 12 u, O = 16 u and H = 1 u, which of the following options correctly represents the molecular masses of CO_2 and H_2O?

Ans
- ✔ A. CO_2 = 44 u ; H_2O = 18 u
- ✘ B. CO_2 = 32 u ; H_2O = 18 u
- ✘ C. CO_2 = 46 u ; H_2O = 20 u
- ✘ D. CO_2 = 44 u ; H_2O = 16 u

Question ID : **44100971300**
Option 1 ID : **441009283600**
Option 2 ID : **441009283601**
Option 3 ID : **441009283602**
Option 4 ID : **441009283599**
Status : **Answered**
Chosen Option : **A**

Q.24 An electric heater is rated 2000 W and is used for 2 hours. How much energy is consumed in joules?

Ans
- ✘ A. 720,000 joules
- ✔ B. 14,400,000 joules
- ✘ C. 3,600,000 joules
- ✘ D. 7,200,000 joules

Question ID : **4410092045853**
Option 1 ID : **4410098055485**
Option 2 ID : **4410098055487**
Option 3 ID : **4410098055488**
Option 4 ID : **4410098055486**
Status : **Answered**
Chosen Option : **B**

Q.25 All of the following structures belong to the male reproductive system, **EXCEPT** _____.

Ans
- ✘ A. Scrotum
- ✘ B. Vas deferens
- ✔ C. Fallopian tube
- ✘ D. Penis

Question ID : **4410091979483**
Option 1 ID : **4410097796841**
Option 2 ID : **4410097796840**
Option 3 ID : **4410097796842**
Option 4 ID : **4410097796839**
Status : **Answered**
Chosen Option : **C**

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Section : **Mathematics**

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Q.26 The price of a laptop increases by 20% in the first year and again by 10% in the second year. If the original price was ₹50,000, find the final price after two years.

Ans

✗ A. ₹65,000

✓ B. ₹66,000

✗ C. ₹68,000

✗ D. ₹67,000

Question ID : **4410091988857**
Option 1 ID : **4410097833204**
Option 2 ID : **4410097833203**
Option 3 ID : **4410097833205**
Option 4 ID : **4410097833202**
Status : **Answered**
Chosen Option : **B**

Q.27 A student rides a bicycle for 12 km at an average speed of 10 km/hr. At what speed should he cover the next 10 km to have an average speed of 11 km/hr for the whole journey?

Ans

✗ A. 15 km/hr

✗ B. 10.8 km/hr

✓ C. 12.5 km/hr

✗ D. 11 km/hr

Question ID : **441009905312**
Option 1 ID : **4410093575069**
Option 2 ID : **4410093575067**
Option 3 ID : **4410093575068**
Option 4 ID : **4410093575066**
Status : **Answered**
Chosen Option : **C**

Q.28 The angle of elevation of a cloud from a point 60 m above a lake is 30°, and the angle of depression of its reflection is 60°. Find the height of the cloud.

Ans

✗ A. 100 m

✓ B. 120 m

✗ C. 60 m

✗ D. 80 m

Question ID : **4410091702301**
Option 1 ID : **4410096714452**
Option 2 ID : **4410096714453**
Option 3 ID : **4410096714450**
Option 4 ID : **4410096714451**
Status : **Not Answered**
Chosen Option : **--**

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Q.29 The radius of a cylinder is increased by 20% and its height is decreased by 10%. Find the percentage change in its volume.

Ans
✗ A. 26.9% increase
✓ B. 29.6% increase
✗ C. 26.9% decrease
✗ D. 29.6% decrease

Question ID : **4410091696131**
Option 1 ID : **4410096690444**
Option 2 ID : **4410096690442**
Option 3 ID : **4410096690445**
Option 4 ID : **4410096690443**
Status : **Answered**
Chosen Option : **B**

Q.30 A plant grows by 12.5% per annum. If its current height is 64 cm, what will be its height after 2 years, assuming the growth is compounded annually?

Ans
✗ A. 85 cm
✗ B. 88 cm
✓ C. 81 cm
✗ D. 80 cm

Question ID : **441009821709**
Option 1 ID : **4410093240961**
Option 2 ID : **4410093240962**
Option 3 ID : **4410093240960**
Option 4 ID : **4410093240959**
Status : **Answered**
Chosen Option : **C**

Q.31 If a certain amount of money is compounded semi-annually and becomes ₹1,600 after 3 years and ₹6,400 after 6 years, what is the principal amount?

Ans
✗ A. ₹440
✓ B. ₹400
✗ C. ₹375
✗ D. ₹410

Question ID : **4410091988610**
Option 1 ID : **4410097832216**
Option 2 ID : **4410097832213**
Option 3 ID : **4410097832214**
Option 4 ID : **4410097832215**
Status : **Not Answered**
Chosen Option : **--**

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Q.32 Find the smallest digit value for A such that 58A4 is divisible by 4.

Ans
- ✗ A. 2
- ✗ B. 6
- ✗ C. 4
- ✓ D. 0

Question ID : **4410091464289**
Option 1 ID : **4410095785383**
Option 2 ID : **4410095785385**
Option 3 ID : **4410095785384**
Option 4 ID : **4410095785382**
Status : **Answered**
Chosen Option : **D**

Q.33 Simplify the following expression.

$$(2x + 3y)^2 - (2x - 3y)^2 + 12xy$$

Ans
- ✗ A. 24xy
- ✗ B. 60xy
- ✗ C. 48xy
- ✓ D. 36xy

Question ID : **4410091204839**
Option 1 ID : **4410094752871**
Option 2 ID : **4410094752874**
Option 3 ID : **4410094752873**
Option 4 ID : **4410094752872**
Status : **Answered**
Chosen Option : **D**

Q.34 The income of Raman is ₹34,000. He saves 5.5% of his income. If his income increases by 17% and expenditure increases by 10%, then his savings will:

Ans
- ✓ A. increase by ₹2,567
- ✗ B. decrease by ₹10,285
- ✗ C. decrease by ₹2,657
- ✗ D. increase by ₹10,284

Question ID : **441009562162**
Option 1 ID : **4410092203916**
Option 2 ID : **4410092203915**
Option 3 ID : **4410092203917**
Option 4 ID : **4410092203918**
Status : **Answered**
Chosen Option : **A**

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Q.35 Given that $102^{0.77} = x$, $102^{0.44} = y$ and $x^z = y^8$, then the value of z is close to:

Ans
✗ A. 3.44
✗ B. 5.23
✗ C. 6.05
✓ D. 4.57

Question ID : **441009536568**
Option 1 ID : **4410092101669**
Option 2 ID : **4410092101671**
Option 3 ID : **4410092101670**
Option 4 ID : **4410092101668**
Status : **Answered**
Chosen Option : **D**

Q.36 A boatman is rowing on a river. He takes 4 hours to travel upstream and 2.5 hours to travel downstream. If the speed of the river's current is 3 km/h, what is the boat's speed in still water?

Ans
✗ A. 11 km/h
✗ B. 12 km/h
✗ C. 14 km/h
✓ D. 13 km/h

Question ID : **4410091506795**
Option 1 ID : **4410095951538**
Option 2 ID : **4410095951539**
Option 3 ID : **4410095951541**
Option 4 ID : **4410095951540**
Status : **Not Answered**
Chosen Option : **--**

Q.37 Find the median of the given data.

Class interval	0-5	5-10	10-15	15-20	20-25	25-30
Frequency	3	7	5	4	8	6

Ans
✓ A. 16.875
✗ B. 12.62
✗ C. 18.54
✗ D. 15.28

Question ID : **44100925801**
Option 1 ID : **441009102821**
Option 2 ID : **441009102819**
Option 3 ID : **441009102822**
Option 4 ID : **441009102820**
Status : **Not Answered**
Chosen Option : **--**

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Q.38 A circular track has a radius of 28 m. If a sector (the pie-shaped region enclosed by two radii and the arc connecting their endpoints) subtending 90° is to be fenced along its boundary three times at the rate of ₹15 per meter, the total cost of fencing is:

(Use $\pi = \frac{22}{7}$)

Ans
- ✔ A. ₹4,500
- ✘ B. ₹5,400
- ✘ C. ₹1,500
- ✘ D. ₹1,800

Question ID : **4410091511901**
Option 1 ID : **4410095971686**
Option 2 ID : **4410095971688**
Option 3 ID : **4410095971685**
Option 4 ID : **4410095971687**
Status : **Answered**
Chosen Option : **A**

Q.39 From the top of a tower, the angle of depression to a point A on ground is $30°$. From the same point on the tower, the angle of elevation to a balloon vertically above point A is $60°$. If the horizontal distance between the tower and point A is 40 meter, the height (in meter) of the balloon above the point A is

Ans
- ✘ A. $\frac{160}{\sqrt{3}}$
- ✘ B. $\frac{120}{\sqrt{3}}$
- ✘ C. $\frac{40}{\sqrt{3}}$
- ✔ D. $\frac{80}{\sqrt{3}}$

Question ID : **4410091512696**
Option 1 ID : **4410095974830**
Option 2 ID : **4410095974831**
Option 3 ID : **4410095974833**
Option 4 ID : **4410095974832**
Status : **Answered**
Chosen Option : **D**

Q.40 What is the average of the numbers 4, 8, and 12?

Ans
- ✘ A. 10
- ✔ B. 8
- ✘ C. 6
- ✘ D. 12

Question ID : **4410091982135**
Option 1 ID : **4410097807360**
Option 2 ID : **4410097807358**
Option 3 ID : **4410097807359**
Option 4 ID : **4410097807361**
Status : **Answered**
Chosen Option : **B**

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Q.41 12 men can finish a task in 20 days. How many days will 30 men take to complete the same task?

Ans

✗ A. 12 days

✓ B. 8 days

✗ C. 11 days

✗ D. 9 days

Question ID : **4410091419936**
Option 1 ID : **4410095608661**
Option 2 ID : **4410095608658**
Option 3 ID : **4410095608660**
Option 4 ID : **4410095608659**
Status : **Answered**
Chosen Option : **B**

Q.42 The numbers 1, 3, and 14 are assigned weights 3, 1, and 1, respectively. Find their weighted arithmetic mean.

Ans

✗ A. 8

✗ B. 3

✓ C. 4

✗ D. 6

Question ID : **4410092049422**
Option 1 ID : **4410098069036**
Option 2 ID : **4410098069034**
Option 3 ID : **4410098069033**
Option 4 ID : **4410098069035**
Status : **Answered**
Chosen Option : **C**

Q.43 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 20% less than what is written on it. Find his profit percentage.

Ans

✗ A. 26.02%

✗ B. 23.62%

✓ C. 25%

✗ D. 24.6%

Question ID : **4410091224918**
Option 1 ID : **4410094833168**
Option 2 ID : **4410094833167**
Option 3 ID : **4410094833165**
Option 4 ID : **4410094833166**
Status : **Answered**
Chosen Option : **C**

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Q.44 Solve for x :

$$[\{(\frac{3}{4})^2\}^4]^{x+3} = [\{(\frac{9}{16})^{1/2}\}^{x-2}]^2$$

Ans

✗ A. $1\frac{3}{4}$

✗ B. $-2\frac{1}{4}$

✗ C. $3\frac{1}{2}$

✓ D. $-4\frac{2}{3}$

Question ID : **4410091510543**
Option 1 ID : **4410095997626**
Option 2 ID : **4410095997628**
Option 3 ID : **4410095997627**
Option 4 ID : **4410095997629**
Status : **Answered**
Chosen Option : **D**

Q.45 A person borrowed an amount of ₹15 lakhs at a simple interest rate of 7% per annum for 5 years. If he wants to pay the total amount in equal monthly installments, then find the monthly installment.

Ans

✗ A. ₹41,640

✗ B. ₹44,000

✓ C. ₹33,750

✗ D. ₹32,600

Question ID : **4410091257300**
Option 1 ID : **4410094962053**
Option 2 ID : **4410094962052**
Option 3 ID : **4410094962050**
Option 4 ID : **4410094962051**
Status : **Not Answered**
Chosen Option : **--**

Q.46 Pipe A can fill a tank in 4 hours, pipe B can fill the same tank in 8 hours and pipe C can fill the same tank in 8 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans

✓ A. 1

✗ B. 4

✗ C. 3

✗ D. 2

Question ID : **441009517480**
Option 1 ID : **4410092025339**
Option 2 ID : **4410092025342**
Option 3 ID : **4410092025341**
Option 4 ID : **4410092025340**
Status : **Answered**
Chosen Option : **A**

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Q.47 A shopkeeper marks the price of an article at 44% above its cost price and then offers two successive discounts of 39% each. What is his loss percentage? (Round off to the nearest integer)

Ans
✗ A. 45%
✗ B. 47%
✓ C. 46%
✗ D. 48%

Question ID : **441009540000**
Option 1 ID : **4410092115397**
Option 2 ID : **4410092115398**
Option 3 ID : **4410092115396**
Option 4 ID : **4410092115399**
Status : **Answered**
Chosen Option : **A**

Q.48 In ΔXYZ and ΔPQR, if XY = PQ and YZ = QR, then one can infer that ΔXYZ≅ ΔPQR when:

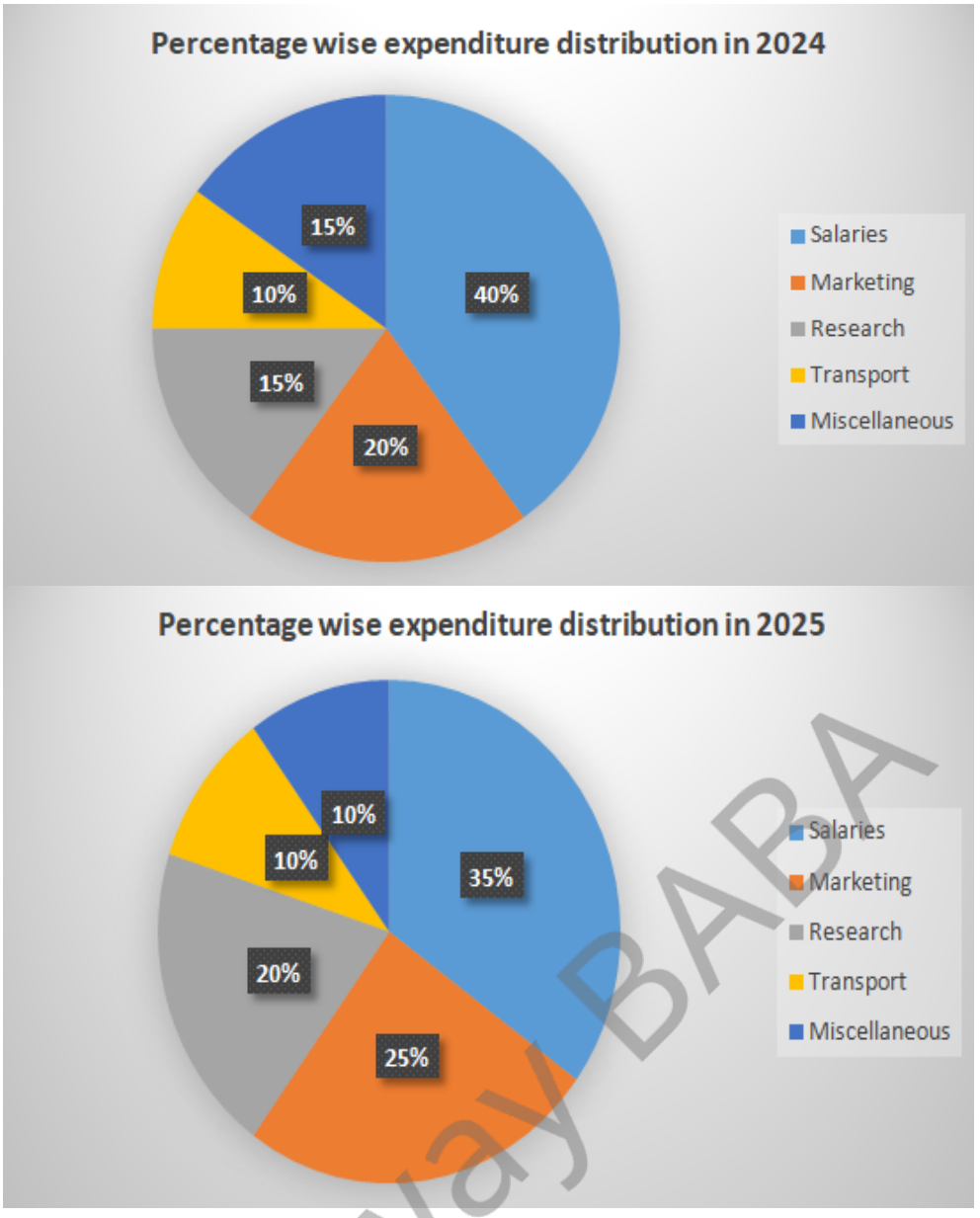
Ans
✗ A. $\angle XZY = \angle PRQ$
✗ B. $\angle XZY = \angle QPR$
✗ C. $\angle YXZ = \angle QPR$
✓ D. $\angle XYZ = \angle PQR$

Question ID : **441009592793**
Option 1 ID : **4410092326291**
Option 2 ID : **4410092326290**
Option 3 ID : **4410092326289**
Option 4 ID : **4410092326292**
Status : **Answered**
Chosen Option : **D**

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Q.49 The given pie charts show the distribution of expenditure of a company across multiple areas in 2024 and 2025. The total expenditure in 2024 was ₹18,00,000 and the total expenditure in 2025 was ₹24,00,000. Find the increase in expenditure (in ₹) on Research from 2024 to 2025.



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Ans
- ✗ A. 1,80,000
- ✗ B. 2,40,000
- ✓ C. 2,10,000
- ✗ D. 2,70,000

Question ID : **4410091988675**
Option 1 ID : **4410097832473**
Option 2 ID : **4410097832475**
Option 3 ID : **4410097832474**
Option 4 ID : **4410097832476**
Status : **Answered**
Chosen Option : **C**

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Q.50 Find the mean proportional of 6.5 and 24.

Ans

✔ A. $2\sqrt{39}$

✘ B. $3\sqrt{39}$

✘ C. $\sqrt{39}$

✘ D. $4\sqrt{39}$

Question ID : **4410092017243**
Option 1 ID : **4410097943096**
Option 2 ID : **4410097943097**
Option 3 ID : **4410097943095**
Option 4 ID : **4410097943098**
Status : **Answered**
Chosen Option : **A**

Section : **General Intelligence and Reasoning**

Q.51 Raghav starts from Point A and drives 22 km towards the north. He then takes a left turn, drives 24 km, turns left and drives 38 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 16 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans

✘ A. 16 km to the west

✔ B. 17 km to the west

✘ C. 18 km to the east

✘ D. 19 km to the east

Question ID : **4410091639508**
Option 1 ID : **4410096475581**
Option 2 ID : **4410096475582**
Option 3 ID : **4410096475583**
Option 4 ID : **4410096475584**
Status : **Answered**
Chosen Option : **B**

Q.52 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✘ A. YVT

✔ B. VSP

✘ C. AXV

✘ D. QNL

Question ID : **4410091367352**
Option 1 ID : **4410095400856**
Option 2 ID : **4410095400855**
Option 3 ID : **4410095400853**
Option 4 ID : **4410095400854**
Status : **Answered**
Chosen Option : **B**

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Q.53 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 poles, F, R, H, U and T each having a different height, which pole is the tallest?
(I) F is taller than U but shorter than T. F is shorter than only one pole
(II) U is taller than R

Ans
✗ A. Both statements (I) and (II) together are not sufficient to answer the question.

✗ B. Both statements (I) and (II) together are sufficient to answer the question, but neither alone is sufficient.

✗ C. Statement (II) alone is sufficient, but statement (I) alone is not sufficient.

✓ D. Statement (I) alone is sufficient, but statement (II) alone is not sufficient.

Question ID : **4410091614698**
Option 1 ID : **4410096377600**
Option 2 ID : **4410096377599**
Option 3 ID : **4410096377598**
Option 4 ID : **4410096377597**
Status : **Answered**
Chosen Option : **D**

Q.54 C, D, J, R, T, V and Y are sitting around a circular table facing the center. Only two people sit between Y and D when counted from the right of Y. Only three people sit between R and T when counted from the right of T. D sits to the immediate right of T. V sits to the immediate right of J. How many people sit between V and T when counted from the right of T?

Ans
✗ A. 4

✗ B. 1

✓ C. 2

✗ D. 3

Question ID : **4410091608511**
Option 1 ID : **4410096352959**
Option 2 ID : **4410096352956**
Option 3 ID : **4410096352957**
Option 4 ID : **4410096352958**
Status : **Answered**
Chosen Option : **C**

Q.55 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 4 9 1 3 6 4 8 9 7 2 5 3 4 6 8 4 1 5 6 7 4 2 6 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

Ans
✗ A. Three

✗ B. Five

✗ C. Two

✓ D. Four

Question ID : **4410091147778**
Option 1 ID : **4410094526070**
Option 2 ID : **4410094526068**
Option 3 ID : **4410094526071**
Option 4 ID : **4410094526069**
Status : **Answered**
Chosen Option : **D**

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Q.56 Each letter in the word EUCHRAD is changed to the letter immediately following it in the English alphabetical order and then all the letters thus formed are arranged in alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans
✗ A. D
✗ B. I
✓ C. F
✗ D. E

Question ID : **441009810442**
Option 1 ID : **4410093195891**
Option 2 ID : **4410093195894**
Option 3 ID : **4410093195893**
Option 4 ID : **4410093195892**
Status : **Answered**
Chosen Option : **C**

Q.57 YFQC is related to AHSE in a certain way based on the English alphabetical order. In the same way, XVKJ is related to ZXML. To which of the following is WNAP related, following the same logic?

Ans
✗ A. YPBQ
✗ B. ZQDS
✓ C. YPCR
✗ D. YQCS

Question ID : **4410091278038**
Option 1 ID : **4410095044121**
Option 2 ID : **4410095044120**
Option 3 ID : **4410095044122**
Option 4 ID : **4410095044119**
Status : **Answered**
Chosen Option : **C**

Q.58 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5783614, what will be the difference between the highest and lowest digits in the new number thus formed?

Ans
✓ A. 6
✗ B. 7
✗ C. 5
✗ D. 4

Question ID : **441009556977**
Option 1 ID : **4410092183222**
Option 2 ID : **4410092183223**
Option 3 ID : **4410092183224**
Option 4 ID : **4410092183225**
Status : **Answered**
Chosen Option : **A**

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Q.59 This question is based on the following words.

BUN PET COG DAI

If in each of the words, each letter is changed to the immediately following letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans
✗ A. Three
✗ B. Two
✓ C. One
✗ D. None

Question ID : **4410091613777**
Option 1 ID : **4410096373940**
Option 2 ID : **4410096373939**
Option 3 ID : **4410096373938**
Option 4 ID : **4410096373941**
Status : **Answered**
Chosen Option : **C**

Q.60 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

13 - 26 - 30 - 60
3 - 6 - 10 - 20

Ans
✗ A. 16 - 32 - 64 - 70
✗ B. 14 - 16 - 32 - 68
✓ C. 4 - 8 - 12 - 24
✗ D. 12 - 15 - 30 - 60

Question ID : **441009591300**
Option 1 ID : **4410092320316**
Option 2 ID : **4410092320315**
Option 3 ID : **4410092320313**
Option 4 ID : **4410092320314**
Status : **Answered**
Chosen Option : **C**

Q.61 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 812347695, what will be the sum of all the odd digits in the new number thus formed?

Ans
✗ A. 17
✗ B. 20
✗ C. 22
✓ D. 24

Question ID : **4410091125570**
Option 1 ID : **4410094437823**
Option 2 ID : **4410094437824**
Option 3 ID : **4410094437825**
Option 4 ID : **4410094437826**
Status : **Answered**
Chosen Option : **D**

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Q.62 Each vowel in the word BRISANT is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

Ans
✗ A. One
✗ B. Three
✗ C. Two
✓ D. None

Question ID : **4410091028451**
Option 1 ID : **4410094065459**
Option 2 ID : **4410094065461**
Option 3 ID : **4410094065460**
Option 4 ID : **4410094065458**
Status : **Answered**
Chosen Option : **D**

Q.63 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. WVY
✓ B. AAC
✗ C. DCF
✗ D. BAD

Question ID : **4410091000027**
Option 1 ID : **4410093951952**
Option 2 ID : **4410093951951**
Option 3 ID : **4410093951954**
Option 4 ID : **4410093951953**
Status : **Answered**
Chosen Option : **B**

Q.64 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N, each having a different height, which stick is the tallest?
(I) V is taller than D but shorter than N. V is shorter than only one stick.
(II) D is taller than H.

Ans
✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
✗ B. Both statements I and II together are NOT sufficient to answer the question
✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not
✓ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Question ID : **4410091340089**
Option 1 ID : **4410095292396**
Option 2 ID : **4410095292397**
Option 3 ID : **4410095292395**
Option 4 ID : **4410095292394**
Status : **Answered**
Chosen Option : **D**

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Q.65 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B', and
A # B means 'A is the daughter of B'.

How is K related to G if 'L + G # P % Q + K × Z'?

Ans
✔ A. Sister's daughter
✘ B. Brother's wife
✘ C. Wife's mother
✘ D. Mother

Question ID : **4410091148729**
Option 1 ID : **4410094529875**
Option 2 ID : **4410094529872**
Option 3 ID : **4410094529874**
Option 4 ID : **4410094529873**
Status : **Answered**
Chosen Option : **A**

Q.66 This question is based on the five, three-digit numbers given below.

(Left) 421 736 589 340 275 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What is the difference between the second digit of the largest number and the first digit of the smallest number?

Ans
✔ A. 1
✘ B. 4
✘ C. 2
✘ D. 3

Question ID : **4410091997486**
Option 1 ID : **4410097866548**
Option 2 ID : **4410097866546**
Option 3 ID : **4410097866545**
Option 4 ID : **4410097866547**
Status : **Answered**
Chosen Option : **A**

Q.67 What should come in place of ? in the given series based on the English alphabetical order?
EMC HOD KQE NSF ?

Ans
✘ A. OVH
✘ B. PWH
✘ C. OUG
✔ D. QUG

Question ID : **4410091501156**
Option 1 ID : **4410095941947**
Option 2 ID : **4410095941949**
Option 3 ID : **4410095941948**
Option 4 ID : **4410095941946**
Status : **Answered**
Chosen Option : **D**

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Q.68 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left)
R A J A R A N I R A D H A R A N I F A S H I O N U P P E R Q (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✗ A. Four
✓ B. Three
✗ C. Two
✗ D. One

Question ID : **441009769797**
Option 1 ID : **4410093033184**
Option 2 ID : **4410093033183**
Option 3 ID : **4410093033182**
Option 4 ID : **4410093033181**
Status : **Answered**
Chosen Option : **B**

Q.69 What should come in place of the question mark (?) in the given series?

67 76 94 121 157 ?

Ans
✗ A. 196
✓ B. 202
✗ C. 186
✗ D. 177

Question ID : **4410091987820**
Option 1 ID : **4410097829064**
Option 2 ID : **4410097829061**
Option 3 ID : **4410097829062**
Option 4 ID : **4410097829063**
Status : **Answered**
Chosen Option : **B**

Q.70 Each of P, B, N, L, C, G and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only four people have exams before B. G has exam on Tuesday. L has exam immediately after P but not on Thursday. C does not have exam before V. N does not have exam after V. How many people have exams between N and B?

Ans
✗ A. One
✗ B. Two
✓ C. Three
✗ D. Four

Question ID : **4410091441200**
Option 1 ID : **4410095693458**
Option 2 ID : **4410095693457**
Option 3 ID : **4410095693455**
Option 4 ID : **4410095693456**
Status : **Answered**
Chosen Option : **C**

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Q.71 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
P sits third to the right of O. Only three people sit between O and D when counted from the left of O. C sits to the immediate right of E.
How many people sit between E and Q when counted from the right of E?

Ans
✔ A. Two
✘ B. None
✘ C. One
✘ D. Three

Question ID : **441009787844**
Option 1 ID : **4410093105376**
Option 2 ID : **4410093105378**
Option 3 ID : **4410093105375**
Option 4 ID : **4410093105377**
Status : **Answered**
Chosen Option : **A**

Q.72 Mr. Jigmee starts from Point A and drives 29 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 46 km. He then takes a left turn, drives 36 km, turns left and drives 5 km. He then takes a left turn and drives 9 km. He takes a final right turn, drives 12 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

Ans
✘ A. 9 km to the north
✘ B. 16 km to the east
✘ C. 9 km to the west
✔ D. 16 km to the south

Question ID :

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Roll Number	189252240194044
Candidate Name	SONTAKKE AJAY SHIVAJIRAO
Community	SC
Test Center Name	iON DIGITAL Zone iDZ Vishnupuri
Test Date	04/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

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Q.1 A teacher prepares three mixtures.
Sugar dissolved in water
Salt dissolved in water
Sand stirred in water
Which of the following is a **suspension**?

Ans
✗ A. Both Sugar-water mixture & Sand-water mixture
✓ B. Only the sand and water mixture
✗ C. The salt and water mixture
✗ D. Only the sugar and water mixture

Question ID : **4410091620613**
Option 1 ID : **4410096401260**
Option 2 ID : **4410096401258**
Option 3 ID : **4410096401259**
Option 4 ID : **4410096401257**
Status : **Answered**
Chosen Option : **B**

Q.2 Complete oxidation of one mole of ethanol releases how many moles of CO_2?

Ans
✓ A. Two
✗ B. Three
✗ C. One
✗ D. Four

Question ID : **4410091448388**
Option 1 ID : **4410095722041**
Option 2 ID : **4410095722042**
Option 3 ID : **4410095722040**
Option 4 ID : **4410095722043**
Status : **Answered**
Chosen Option : **C**

Q.3 Complete the analogy.

Platelets : Clotting :: White Blood Cells : _____.

Ans
✗ A. Oxygen Transport
✗ B. Connecting Joints
✓ C. Fighting Inflammation
✗ D. Storing Minerals

Question ID : **4410091974132**
Option 1 ID : **4410097775544**
Option 2 ID : **4410097775546**
Option 3 ID : **4410097775545**
Option 4 ID : **4410097775547**
Status : **Answered**
Chosen Option : **C**

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Q.4 Which gas is released when a dilute acid reacts with a metal carbonate?

Ans
- ✗ A. Oxygen gas is released
- ✗ B. Hydrogen gas is released
- ✗ C. Nitrogen gas is released
- ✓ D. Carbon dioxide gas is released

Question ID : **4410091607272**
Option 1 ID : **4410096348064**
Option 2 ID : **4410096348066**
Option 3 ID : **4410096348067**
Option 4 ID : **4410096348065**
Status : **Answered**
Chosen Option : **D**

Q.5 Excessive atmospheric CO_2 increases its dissolution in ocean water. This makes seawater more _____.

Ans
- ✗ A. Basic
- ✗ B. Neutral
- ✓ C. Acidic
- ✗ D. Oxygenated

Question ID : **4410091982193**
Option 1 ID : **4410097807587**
Option 2 ID : **4410097807586**
Option 3 ID : **4410097807589**
Option 4 ID : **4410097807588**
Status : **Not Answered**
Chosen Option : **--**

Q.6 A child presents with a congenital absence of the vertebral column. Which major body system would be primarily compromised?

Ans
- ✓ A. Central nervous system protection
- ✗ B. Cutaneous respiration
- ✗ C. External digestion
- ✗ D. Respiratory gas exchange

Question ID : **4410091993696**
Option 1 ID : **4410097852321**
Option 2 ID : **4410097852322**
Option 3 ID : **4410097852323**
Option 4 ID : **4410097852324**
Status : **Answered**
Chosen Option : **A**

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Q.7 Which of the following methods prevents corrosion by sacrificing another metal?

Ans
✗ A. Alloying
✗ B. Painting
✓ C. Galvanisation
✗ D. Anodising

Question ID : **4410091625739**
Option 1 ID : **4410096421407**
Option 2 ID : **4410096421405**
Option 3 ID : **4410096421406**
Option 4 ID : **4410096421408**
Status : **Answered**
Chosen Option : **C**

Q.8 हृदय के संकुचन के दौरान कौन-सी संरचना रक्त के पश्च प्रवाह को रोकती है?

Ans
✗ A. सेप्टा (Septa)
✓ B. कपाट (Valves)
✗ C. धमनियां (Arteries)
✗ D. पेशियां (Muscles)

Question ID : **4410091984509**
Option 1 ID : **4410097816574**
Option 2 ID : **4410097816573**
Option 3 ID : **4410097816571**
Option 4 ID : **4410097816572**
Status : **Answered**
Chosen Option : **B**

Q.9 What would happen to the spread of colors in the spectrum if a second identical prism is placed after the first in an inverted position?

Ans
✗ A. The colors spread further apart
✗ B. The spectrum shifts to one side
✗ C. Only red and violet merge
✓ D. The spread of colors recombines to form white light

Question ID : **4410092046231**
Option 1 ID : **4410098056999**
Option 2 ID : **4410098056998**
Option 3 ID : **4410098057000**
Option 4 ID : **4410098056997**
Status : **Answered**
Chosen Option : **D**

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Q.10 Why are food webs considered more stable than food chains?

Ans
- ✗ A. They do not contain any carnivores
- ✗ B. They have a larger number of producers
- ✗ C. They show no energy transfer between trophic levels
- ✓ D. They display multiple feeding possibilities

Question ID : **4410091978892**
Option 1 ID : **4410097794470**
Option 2 ID : **4410097794467**
Option 3 ID : **4410097794468**
Option 4 ID : **4410097794469**
Status : **Answered**
Chosen Option : **C**

Q.11 What is the role of a medium in the propagation of sound?

Ans
- ✓ A. A medium provides particles that carry sound vibrations
- ✗ B. A medium blocks sound from moving between places
- ✗ C. A medium is not needed for sound to move from one point to another
- ✗ D. A medium changes sound into light energy for travel

Question ID : **4410092046005**
Option 1 ID : **4410098056093**
Option 2 ID : **4410098056094**
Option 3 ID : **4410098056096**
Option 4 ID : **4410098056095**
Status : **Answered**
Chosen Option : **A**

Q.12 A water tank of mass 500 kg is placed on the roof of a building 20 m above the ground. The acceleration due to gravity is g = 10m/s^2. If the tank is moved to the roof of another building that is twice as high as the first building, while its mass remains unchanged, what will be its new gravitational potential energy?

Ans
- ✗ A. 100,000 J
- ✗ B. 50,000 J
- ✓ C. 200,000 J
- ✗ D. 400,000 J

Question ID : **4410092046255**
Option 1 ID : **4410098057094**
Option 2 ID : **4410098057093**
Option 3 ID : **4410098057095**
Option 4 ID : **4410098057096**
Status : **Answered**
Chosen Option : **C**

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Q.13 A device uses the principle of magnetic fields around a current-carrying conductor to convert electrical energy to mechanical energy. Which device operates on this principle?

Ans
- ✗ A. Transformer
- ✗ B. Solar cell
- ✓ C. Electric motor
- ✗ D. Galvanometer

Question ID : **4410092046088**
Option 1 ID : **4410098056428**
Option 2 ID : **4410098056427**
Option 3 ID : **4410098056426**
Option 4 ID : **4410098056425**
Status : **Answered**
Chosen Option : **C**

Q.14 Which of the following chemical compounds is mainly responsible for ozone depletion in the upper atmosphere?

Ans
- ✓ A. Chlorofluorocarbons
- ✗ B. Sulphur dioxide
- ✗ C. Methane
- ✗ D. Oxides of nitrogen

Question ID : **4410091978936**
Option 1 ID : **4410097794644**
Option 2 ID : **4410097794646**
Option 3 ID : **4410097794645**
Option 4 ID : **4410097794643**
Status : **Answered**
Chosen Option : **A**

Q.15 A reaction occurs when two aqueous salt solutions are mixed, and an insoluble solid forms while the remaining ions stay dissolved in solution. Which type of reaction does this represent?

Ans
- ✗ A. Decomposition reaction requiring energy input
- ✓ B. Double displacement precipitation reaction
- ✗ C. Displacement reaction involving metal exchange
- ✗ D. Combination reaction forming single product

Question ID : **4410091807884**
Option 1 ID : **4410097127869**
Option 2 ID : **4410097127866**
Option 3 ID : **4410097127868**
Option 4 ID : **4410097127867**
Status : **Not Answered**
Chosen Option : **--**

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Q.16 What is required to fully describe the displacement of a moving body?

Ans

✗ A. Only direction

✗ B. Position at the origin

✓ C. Both magnitude and direction

✗ D. Only magnitude

Question ID : **4410092046094**
Option 1 ID : **4410098056450**
Option 2 ID : **4410098056449**
Option 3 ID : **4410098056452**
Option 4 ID : **4410098056451**
Status : **Answered**
Chosen Option : **C**

Q.17 A patient has reduced oxygen saturation despite normal lung volume. Which condition best explains this?

Ans

✗ A. Increased breathing rate

✗ B. Increased capillary density

✓ C. Reduced haemoglobin concentration

✗ D. Decreased number of alveoli

Question ID : **4410091645409**
Option 1 ID : **4410096498170**
Option 2 ID : **4410096498171**
Option 3 ID : **4410096498169**
Option 4 ID : **4410096498168**
Status : **Answered**
Chosen Option : **D**

Q.18 Which of the following is NOT necessary for work to be done?

Ans

✗ A. Displacement must occur

✗ B. Force and displacement both must be present

✗ C. Force must act

✓ D. Energy must be stored

Question ID : **4410092046270**
Option 1 ID : **4410098057154**
Option 2 ID : **4410098057156**
Option 3 ID : **4410098057153**
Option 4 ID : **4410098057155**
Status : **Answered**
Chosen Option : **B**

Q.19 Which statement best describes the nucleus according to Rutherford's model?

Ans

✗ A. The nucleus is hollow and neutral.

✗ B. The nucleus is spread out and uncharged.

✗ C. The nucleus is large, light, and negatively charged.

✓ D. The nucleus is small, dense, and positively charged.

Question ID : **4410091785115**
Option 1 ID : **4410097039653**
Option 2 ID : **4410097039654**
Option 3 ID : **4410097039652**
Option 4 ID : **4410097039651**
Status : **Answered**
Chosen Option : **D**

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Q.20 What happens when a conductor moves through a magnetic field?

Ans

✗ A. Light is produced in the conductor.

✗ B. The conductor heats up.

✓ C. A potential difference is induced across its ends.

✗ D. The strength of the magnetic field increases.

Question ID : **4410092046081**
Option 1 ID : **4410098056399**
Option 2 ID : **4410098056400**
Option 3 ID : **4410098056397**
Option 4 ID : **4410098056398**
Status : **Answered**
Chosen Option : **C**

Q.21 When a non-metal gains electrons, it forms:

Ans

✗ A. Proton

✗ B. Neutral

✓ C. Anion

✗ D. Cation

Question ID : **4410091038933**
Option 1 ID : **4410094105845**
Option 2 ID : **4410094105843**
Option 3 ID : **4410094105844**
Option 4 ID : **4410094105842**
Status : **Answered**
Chosen Option : **D**

Q.22 Which part of a neuron carries nerve impulses away from the cell body?

Ans

✓ A. Axon

✗ B. Root hair

✗ C. Flagellum

✗ D. Cilia

Question ID : **4410091974875**
Option 1 ID : **4410097778354**
Option 2 ID : **4410097778352**
Option 3 ID : **4410097778353**
Option 4 ID : **4410097778355**
Status : **Answered**
Chosen Option : **A**

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Q.23 Select the correct option regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Unsaturated hydrocarbons give a yellow flame with black smoke.

Reason (R): They burn completely when oxygen is insufficient.

Ans

✗ A. Both A and R are true, and R is the correct explanation of A.

✗ B. Both A and R are true, and R is not the correct explanation of A.

✓ C. A is true, but R is false.

✗ D. A is false, but R is true.

Question ID : **4410091472852**
Option 1 ID : **4410095819265**
Option 2 ID : **4410095819266**
Option 3 ID : **4410095819267**
Option 4 ID : **4410095819268**
Status : **Not Answered**
Chosen Option : **--**

Q.24 Two ice skaters push off from each other on a frictionless surface. What will be observed about their motion?

Ans

✗ A. Both skaters move in circles around each other.

✓ B. Both skaters move away from each other in opposite directions with equal and opposite forces.

✗ C. One skater moves while the other remains stationary.

✗ D. Both skaters move together in the same direction.

Question ID : **4410092046140**
Option 1 ID : **4410098056636**
Option 2 ID : **4410098056633**
Option 3 ID : **4410098056634**
Option 4 ID : **4410098056635**
Status : **Answered**
Chosen Option : **B**

Q.25 A student places a candle 25 cm from a convex lens of focal length 15 cm and obtains a real image. What is the magnification of the image formed?

Ans

✗ A. 0.4

✗ B. 1.67

✗ C. -2.5

✓ D. - 1.5

Question ID : **4410092046369**
Option 1 ID : **4410098057546**
Option 2 ID : **4410098057545**
Option 3 ID : **4410098057547**
Option 4 ID : **4410098057548**
Status : **Not Answered**
Chosen Option : **--**

Railway BABA

Section : **Mathematics**

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Q.26 If θ is an acute angle and 9sinθ = 5, then find the value of $\frac{2}{3}\sqrt{5\cot^2\theta - 14\tan^2\theta}$

Ans

✗ A. $\frac{5}{\sqrt{11}}$

✗ B. $\sqrt{\frac{5}{11}}$

✗ C. $\frac{11}{\sqrt{5}}$

✓ D. $\sqrt{\frac{11}{5}}$

Question ID : **441009602954**
Option 1 ID : **4410092366935**
Option 2 ID : **4410092366934**
Option 3 ID : **4410092366936**
Option 4 ID : **4410092366933**
Status : **Answered**
Chosen Option : **D**

Q.27 If the simple interest earned on a sum for 3 years at 5% per annum is ₹1,500, what was the sum?

Ans

✗ A. ₹7,000

✗ B. ₹8,000

✓ C. ₹10,000

✗ D. ₹9,000

Question ID : **4410091255365**
Option 1 ID : **4410094954442**
Option 2 ID : **4410094954443**
Option 3 ID : **4410094954445**
Option 4 ID : **4410094954444**
Status : **Answered**
Chosen Option : **C**

Q.28 The mean and the mode of a set of data are 46.6 and 45.1, respectively. Find the median of the data, using the empirical formula.

Ans

✗ A. 47.9

✗ B. 46.7

✗ C. 46.8

✓ D. 46.1

Question ID : **441009540350**
Option 1 ID : **4410092116797**
Option 2 ID : **4410092116798**
Option 3 ID : **4410092116799**
Option 4 ID : **4410092116796**
Status : **Answered**
Chosen Option : **D**

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Q.29 Kaushal travelled for 2 hours 55 minutes at the speed of 24 km/h. At what speed (in km/h) should he travel to cover the same distance in 5 hours?

Ans
✗ A. 12
✗ B. 11
✗ C. 13
✓ D. 14

Question ID : **441009545463**
Option 1 ID : **4410092137250**
Option 2 ID : **4410092137249**
Option 3 ID : **4410092137251**
Option 4 ID : **4410092137248**
Status : **Answered**
Chosen Option : **D**

Q.30 A man can row at 9 km/h in still water. When the river flows at 5 km/h, it takes him 2.4 hours to row to a certain place and return. How far is the place? (Rounded off to 2 decimal places)

Ans
✗ A. 6.42 km
✗ B. 8.18 km
✓ C. 7.47 km
✗ D. 9.54 km

Question ID : **4410091493856**
Option 1 ID : **4410095901040**
Option 2 ID : **4410095901042**
Option 3 ID : **4410095901041**
Option 4 ID : **4410095901043**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.31 Arun had ₹1,681 with him. He divided this amount between his sons, Mahesh and Vijay, and asked them to invest it at a rate of 5% per annum, compounded annually. It was observed that Mahesh and Vijay received the same amount after 14 years and 15 years, respectively. How much money (in ₹) did Arun give to Mahesh?

Ans
✓ A. 861
✗ B. 820
✗ C. 920
✗ D. 711

Question ID : **441009573618**
Option 1 ID : **4410092249592**
Option 2 ID : **4410092249593**
Option 3 ID : **4410092249595**
Option 4 ID : **4410092249594**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.32 To a square plot having an area of x m^2, a strip having an area of $\frac{1}{4}\sqrt{x}\ m^2$ and a patch having an area of a^2 m^2 are added. If the total area can now be expressed as a perfect square using powers of x and constants, find the positive value of a.

Ans
✗ A. $\frac{1}{16}$
✗ B. $\frac{1}{2}$
✗ C. $\frac{1}{4}$
✓ D. $\frac{1}{8}$

Question ID : **4410091077375**
Option 1 ID : **4410094247142**
Option 2 ID : **4410094247139**
Option 3 ID : **4410094247140**
Option 4 ID : **4410094247141**
Status : **Not Answered**
Chosen Option : **--**

Q.33 The price of petrol increases by 10%. By what percentage must a person reduce consumption so that the total expenditure on petrol increases by only 5%? (Round off your answer to two decimal places.)

Ans
✗ A. 4.15%
✗ B. 4.35%
✓ C. 4.55%
✗ D. 4.45%

Question ID : **4410091645593**
Option 1 ID : **4410096498904**
Option 2 ID : **4410096498903**
Option 3 ID : **4410096498902**
Option 4 ID : **4410096498905**
Status : **Answered**
Chosen Option : **B**

Q.34 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 78% and 25%, shop II allows successive discounts of 83% and 29%, shop III allows successive discounts of 33% and 81%, and shop IV allows successive discounts of 84%, 83%, and 82% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✗ A. II
✓ B. IV
✗ C. I
✗ D. III

Question ID : **441009536904**
Option 1 ID : **4410092103014**
Option 2 ID : **4410092103012**
Option 3 ID : **4410092103015**
Option 4 ID : **4410092103013**
Status : **Answered**
Chosen Option : **B**

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Q.35 The average daily wage of 90 workers in a factory is ₹140, and the average daily wage of female workers is ₹130. If one-third of the workers are male, what is the average daily wage of the male workers?

Ans
✗ A. ₹156
✗ B. ₹164
✗ C. ₹152
✓ D. ₹160

Question ID : **4410091995415**
Option 1 ID : **4410097858267**
Option 2 ID : **4410097858266**
Option 3 ID : **4410097858268**
Option 4 ID : **4410097858265**
Status : **Answered**
Chosen Option : **D**

Q.36 If 7 and 20 are two numbers, what is their mean proportional?

Ans
✓ A. $2\sqrt{35}$
✗ B. $16\sqrt{5}$
✗ C. $10\sqrt{15}$
✗ D. $14\sqrt{10}$

Question ID : **4410092017240**
Option 1 ID : **4410097943084**
Option 2 ID : **4410097943085**
Option 3 ID : **4410097943083**
Option 4 ID : **4410097943086**
Status : **Answered**
Chosen Option : **A**

Q.37 Two numbers are 12 and 18. What is the product of their HCF and LCM?

Ans
✗ A. 324
✗ B. 108
✓ C. 216
✗ D. 432

Question ID : **4410091517340**
Option 1 ID : **4410095992731**
Option 2 ID : **4410095992729**
Option 3 ID : **4410095992730**
Option 4 ID : **4410095992732**
Status : **Answered**
Chosen Option : **C**

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Q.38 A shopkeeper buys two watches for ₹1,200 each. He sells the first watch at a profit of 15% and the second watch at a loss of 10%. He then gives ₹100 cashback to the buyer who bought the first watch. What is the shopkeeper's overall profit or loss?

Ans
- ✔ A. ₹40 loss
- ✘ B. ₹30 loss
- ✘ C. ₹15 profit
- ✘ D. ₹60 profit

Question ID : **4410091206021**
Option 1 ID : **4410094757612**
Option 2 ID : **4410094757611**
Option 3 ID : **4410094757613**
Option 4 ID : **4410094757610**
Status : **Answered**
Chosen Option : **A**

Q.39 If a 7-digit number 91056A4 is completely divisible by 3, what is the least value of A?

Ans
- ✘ A. 1
- ✘ B. 10
- ✔ C. 2
- ✘ D. 5

Question ID : **441009560199**
Option 1 ID : **4410092196065**
Option 2 ID : **4410092196064**
Option 3 ID : **4410092196066**
Option 4 ID : **4410092196063**
Status : **Answered**
Chosen Option : **C**

Q.40 A cone has a slant height of 15 cm and the radius of its base is 9 cm. A sector of a circle with a radius of 15 cm and a central angle of 120° is used to make the cone. What is the total surface area of the cone?

Ans
- ✘ A. 261π cm^2
- ✘ B. 226π cm^2
- ✔ C. 216π cm^2
- ✘ D. 312π cm^2

Question ID : **44100925709**
Option 1 ID : **441009102454**
Option 2 ID : **441009102451**
Option 3 ID : **441009102452**
Option 4 ID : **441009102453**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.41 If the area of a rectangle is 12 cm² and its diagonal measures 5 cm, then find the perimeter of the rectangle.

Ans
✗ A. 13 cm
✗ B. 15 cm
✗ C. 16 cm
✓ D. 14 cm

Question ID : **4410091482817**
Option 1 ID : **4410095858246**
Option 2 ID : **4410095858247**
Option 3 ID : **4410095858248**
Option 4 ID : **4410095858245**
Status : **Answered**
Chosen Option : **D**

Q.42 A sum of money is divided amongst A, B, C and D in the ratio of 3 : 7 : 9 : 13. If the share of D is ₹6,890, then what will be the share of A (in ₹)?

Ans
✗ A. 1,530
✗ B. 1,560
✓ C. 1,590
✗ D. 1,500

Question ID : **4410091413555**
Option 1 ID : **4410095583224**
Option 2 ID : **4410095583225**
Option 3 ID : **4410095583226**
Option 4 ID : **4410095583223**
Status : **Answered**
Chosen Option : **C**

Q.43 The present salary of an officer is ₹15,000. It was increased by 10% in the first year, decreased by 20% in the second year. What was his salary at the end of the second year?

Ans
✗ A. ₹13,600
✓ B. ₹13,200
✗ C. ₹13,800
✗ D. ₹13,400

Question ID : **4410091988586**
Option 1 ID : **4410097832119**
Option 2 ID : **4410097832117**
Option 3 ID : **4410097832120**
Option 4 ID : **4410097832118**
Status : **Answered**
Chosen Option : **B**

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Q.44 Two parallel lines are cut by a transversal. If one of the interior angles measures 70°, find the measure of the consecutive interior angle on the same side of the transversal.

Ans
✗ A. 70°
✗ B. 35°
✗ C. 140°
✓ D. 110°

Question ID : **441009603109**
Option 1 ID : **4410092367556**
Option 2 ID : **4410092367554**
Option 3 ID : **4410092367555**
Option 4 ID : **4410092367553**
Status : **Not Answered**
Chosen Option : **--**

Q.45 A sum of money amounts to ₹1,200 after 4 years and ₹ 2,400 after 8 years at compound interest. What is the principal?

Ans
✗ A. ₹575
✗ B. ₹598
✓ C. ₹600
✗ D. ₹640

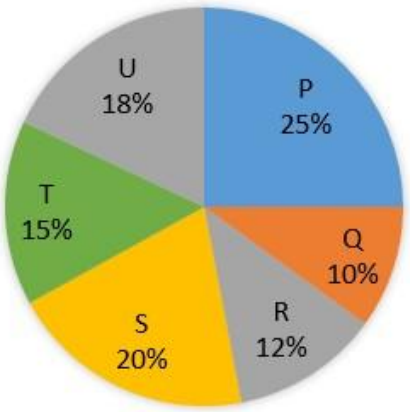
Question ID : **4410091988313**
Option 1 ID : **4410097831027**
Option 2 ID : **4410097831028**
Option 3 ID : **4410097831025**
Option 4 ID : **4410097831026**
Status : **Answered**
Chosen Option : **C**

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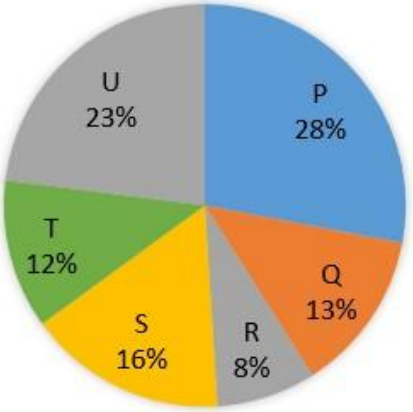
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Q.46 Study the two pie charts and answer the question that follows. The first pie chart shows the percentage distribution of total population of six villages in 2024 and second pie chart shows the percentage distribution of female population in these six villages in 2024.

Total population of six villages in 2024 = 1,50,000



Female population of six villages in 2024 = 75,000



What is the total number of males in village T and P together?

Ans

✗ A. 37,500

✗ B. 60,000

✓ C. 30,000

✗ D. 75,000

Question ID : **4410091522811**
Option 1 ID : **4410096014369**
Option 2 ID : **4410096014370**
Option 3 ID : **4410096014368**
Option 4 ID : **4410096014367**
Status : **Answered**
Chosen Option : **C**

Q.47 Simplify the following.

$$\frac{\sin A-\sin B}{\cos A+\cos B}+\frac{\cos A-\cos B}{\sin A+\sin B}+\frac{2(1+\cos A)(1-\sin A)}{(1-\sin A+\cos A)^2}$$

Ans

✗ A. sinA

✓ B. 1

✗ C. secA

✗ D. 0

Question ID : **441009595236**
Option 1 ID : **4410092336061**
Option 2 ID : **4410092336064**
Option 3 ID : **4410092336063**
Option 4 ID : **4410092336062**
Status : **Not Answered**
Chosen Option : **--**

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Q.48 Anshu can do a piece of work in 24 days, and Kajal can do it in 28 days. They work together for 6 days after which Anshu leaves the work, and the remaining work is completed by Kajal alone. In how many days will the entire work be completed?

Ans
- ✔ A. 21 days
- ✘ B. 28 days
- ✘ C. 24 days
- ✘ D. 18 days

Question ID : **4410091633339**
Option 1 ID : **4410096451471**
Option 2 ID : **4410096451473**
Option 3 ID : **4410096451472**
Option 4 ID : **4410096451470**
Status : **Answered**
Chosen Option : **A**

Q.49 A student scored 60 and 80 in two tests with weights 2 and 3, respectively. What is the weighted average score?

Ans
- ✔ A. 72
- ✘ B. 73
- ✘ C. 75
- ✘ D. 70

Question ID : **4410091982165**
Option 1 ID : **4410097807475**
Option 2 ID : **4410097807476**
Option 3 ID : **4410097807477**
Option 4 ID : **4410097807474**
Status : **Not Answered**
Chosen Option : **--**

Q.50 The HCF and the LCM of two numbers are 4 and 288, respectively. If one of the numbers is 32, then what is the other number?

Ans
- ✘ A. 18
- ✘ B. 48
- ✘ C. 24
- ✔ D. 36

Question ID : **4410091392304**
Option 1 ID : **4410095498912**
Option 2 ID : **4410095498915**
Option 3 ID : **4410095498913**
Option 4 ID : **4410095498914**
Status : **Answered**
Chosen Option : **D**

Railway BABA

Section : **General Intelligence and Reasoning**

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Q.51 In a certain code language, ‘DEAL’ is coded as ‘5714’ and ‘EARL’ is coded as ‘8541’. How is ‘R’ coded in that language?

Ans
✗ A. 5
✓ B. 8
✗ C. 1
✗ D. 4

Question ID : **4410091487209**
Option 1 ID : **4410095875248**
Option 2 ID : **4410095875247**
Option 3 ID : **4410095875250**
Option 4 ID : **4410095875249**
Status : **Answered**
Chosen Option : **B**

Q.52 Seven boxes B, F, G, H, R, T and Y kept one over the other but not necessarily in the same order. No box is kept above R. Only three boxes are kept between R and B. Only one box is kept between Y and H. H is kept immediately above B. Only four boxes are kept between Y and G. F is kept at some place above T. How many boxes are kept below T?

Ans
✗ A. 3
✗ B. 4
✗ C. 2
✓ D. 1

Question ID : **4410091462360**
Option 1 ID : **4410095777552**
Option 2 ID : **4410095777553**
Option 3 ID : **4410095777551**
Option 4 ID : **4410095777550**
Status : **Answered**
Chosen Option : **D**

Q.53 This question is based on the given words.

TEA BUN PEN VAN

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. Four
✓ B. One
✗ C. None
✗ D. Three

Question ID : **4410091988740**
Option 1 ID : **4410097832736**
Option 2 ID : **4410097832734**
Option 3 ID : **4410097832733**
Option 4 ID : **4410097832735**
Status : **Answered**
Chosen Option : **B**

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Q.54 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 7 8 4 5 3 2 4 5 7 8 9 7 8 5 6 4 3 2 1 4 5 6 3 4 (Right)

How many such even digits are there, each of which is immediately preceded by a perfect square and immediately followed by an odd digit?
(NOTE: 1 is also a perfect square.)

Ans
- ✗ A. Two
- ✗ B. Three
- ✓ C. One
- ✗ D. None

Question ID : **4410091147119**
Option 1 ID : **4410094523434**
Option 2 ID : **4410094523435**
Option 3 ID : **4410094523433**
Option 4 ID : **4410094523432**
Status : **Answered**
Chosen Option : **B**

Q.55 Each of T, R, O, U, B, L and E has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exam before E. Only one person has exam after U. Only three people have exam between E and O. Only one person has exam between L and B. R has exam immediately before L. How many people have exam between T and L?

Ans
- ✗ A. Four
- ✗ B. One
- ✗ C. Three
- ✓ D. Two

Question ID : **4410091642199**
Option 1 ID : **4410096485844**
Option 2 ID : **4410096485841**
Option 3 ID : **4410096485843**
Option 4 ID : **4410096485842**
Status : **Answered**
Chosen Option : **D**

Q.56 91 is related to 182 following a certain logic. Following the same logic, 104 is related to 208. To which of the given options is 117 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✓ A. 234
- ✗ B. 243
- ✗ C. 221
- ✗ D. 256

Question ID : **4410091990858**
Option 1 ID : **4410097841055**
Option 2 ID : **4410097841054**
Option 3 ID : **4410097841056**
Option 4 ID : **4410097841053**
Status : **Answered**
Chosen Option : **A**

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Q.57 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: QRU :: FGJ : %

Ans
✔ A. # = LMP , % = KLO
✘ B. # = LMD , % = KMS
✘ C. # = LMB , % = KMJ
✘ D. # = LMH , % = KMP

Question ID : **441009754947**
Option 1 ID : **4410092973781**
Option 2 ID : **4410092973783**
Option 3 ID : **4410092973784**
Option 4 ID : **4410092973782**
Status : **Answered**
Chosen Option : **A**

Q.58 Each vowel in the word EXPLAIN is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fifth from the left in the new group of letters thus formed?

Ans
✘ A. C
✘ B. A
✔ C. B
✘ D. D

Question ID : **4410091001157**
Option 1 ID : **4410093956459**
Option 2 ID : **4410093956456**
Option 3 ID : **4410093956458**
Option 4 ID : **4410093956457**
Status : **Answered**
Chosen Option : **C**

Q.59 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
Only three people sit between E and Q when counted from the right of E. E sits second to the left of O. P sits third to the left of O. C is an immediate neighbor of both Q and O.
How many people sit between D and C when counted from the right of D?

Ans
✘ A. Two
✘ B. None
✘ C. Three
✔ D. One

Question ID : **441009787842**
Option 1 ID : **4410093105369**
Option 2 ID : **4410093105367**
Option 3 ID : **4410093105370**
Option 4 ID : **4410093105368**
Status : **Answered**
Chosen Option : **D**

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Q.60 If + means - , - means × , × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?
56 - 3 ÷ 19 + 81 × 9 = ?

Ans
✔ A. 178
✘ B. 184
✘ C. 175
✘ D. 182

Question ID : **4410091495057**
Option 1 ID : **4410095916301**
Option 2 ID : **4410095916303**
Option 3 ID : **4410095916300**
Option 4 ID : **4410095916302**
Status : **Answered**
Chosen Option : **A**

Q.61 In a certain code language, 'blue sky high' is coded as 'ka pe su' and 'high above all' is coded as 'su qr lm'. How is 'high' coded in the given language? (All the codes are two-letter codes only.)

Ans
✘ A. lm
✘ B. ka
✘ C. qr
✔ D. su

Question ID : **4410091598982**
Option 1 ID : **4410096315725**
Option 2 ID : **4410096315723**
Option 3 ID : **4410096315726**
Option 4 ID : **4410096315724**
Status : **Answered**
Chosen Option : **D**

Q.62 What should come in place of ? in the given series based on the English alphabetical order?
ILA KOF MRK OUP ?

Ans
✘ A. PYW
✔ B. QXU
✘ C. RYU
✘ D. QYV

Question ID : **4410091501148**
Option 1 ID : **4410095941532**
Option 2 ID : **4410095941531**
Option 3 ID : **4410095941533**
Option 4 ID : **4410095941530**
Status : **Answered**
Chosen Option : **B**

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Q.63 Each of Q, R, W, T, E, U and Y has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. E has an exam on Thursday. Exactly 4 people have their exam between R and U, neither of whom has an exam on Sunday. Q has an exam immediately before W. T does not have an exam on Friday. R does not have an exam after W.
Who has an exam immediately after E?

Ans
✗ A. U
✗ B. R
✓ C. Y
✗ D. W

Question ID : **4410091462378**
Option 1 ID : **4410095777625**
Option 2 ID : **4410095777623**
Option 3 ID : **4410095777622**
Option 4 ID : **4410095777624**
Status : **Answered**
Chosen Option : **C**

Q.64 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. SR - ON
✗ B. FE - BA
✓ C. ML - IK
✗ D. ON - KJ

Question ID : **4410092026504**
Option 1 ID : **4410097979703**
Option 2 ID : **4410097979702**
Option 3 ID : **4410097979700**
Option 4 ID : **4410097979701**
Status : **Answered**
Chosen Option : **C**

Q.65 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. SYD
✓ B. IOU
✗ C. QWB
✗ D. AGL

Question ID : **4410091367348**
Option 1 ID : **4410095400839**
Option 2 ID : **4410095400840**
Option 3 ID : **4410095400837**
Option 4 ID : **4410095400838**
Status : **Answered**
Chosen Option : **B**

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Q.66 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Five people – **Riya, Sanjay, Tanu, Umesh, and Varsha** – are seated in a single row facing west.

Who is seated third from the left end?

(I) Only one person is sitting between Riya and Sanjay. Tanu is an immediate neighbour of Riya.

(II) Varsha is sitting at the extreme right end, and Umesh is sitting immediately to the left of Varsha.

Ans
✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

✓ B. Both statements I and II together are NOT sufficient to answer the question

✗ C. Data in Statement I alone is sufficient to answer the question while data in Statement II is not

✗ D. Data in Statement II alone is sufficient to answer the question while data in Statement I is not

Question ID : **4410091600416**
Option 1 ID : **4410096321343**
Option 2 ID : **4410096321344**
Option 3 ID : **4410096321345**
Option 4 ID : **4410096321346**
Status : **Answered**
Chosen Option : **B**

Q.67 Mr. Sangay starts from Point A and drives 26 km towards the north. He then takes a left turn, drives 19 km, turns left and drives 12 km. Next, he takes a right turn, drives 15 km, turns left and drives 42 km. He then takes a left turn and drives 39 km. He takes a final left turn, drives 28 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only, unless specified.)

Ans
✗ A. 12 km towards the south

✗ B. 16 km towards the east

✓ C. 5 km towards the west

✗ D. 12 km towards the north

Question ID : **441009761120**
Option 1 ID : **4410092998474**
Option 2 ID : **4410092998476**
Option 3 ID : **4410092998473**
Option 4 ID : **4410092998475**
Status : **Answered**
Chosen Option : **C**

Q.68 Seven people, P, Q, S, T, U, V, and W, are sitting around a circular table, facing the centre of the table. Only W sits between U and P. P sits third to the left of S. V sits immediately to the left of S. Q is not an immediate neighbour of P. Based on the given information, who is sitting second to the right of T?

Ans
✗ A. P

✗ B. Q

✓ C. S

✗ D. V

Question ID : **4410091599113**
Option 1 ID : **4410096316243**
Option 2 ID : **4410096316246**
Option 3 ID : **4410096316245**
Option 4 ID : **4410096316244**
Status : **Answered**
Chosen Option : **C**

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Q.69 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

4 B 2 D 18 A 6 C 3 = ?

Ans
✔ A. 8
✘ B. 6
✘ C. 5
✘ D. 2

Question ID : **4410091333330**
Option 1 ID : **4410095264940**
Option 2 ID : **4410095264941**
Option 3 ID : **4410095264942**
Option 4 ID : **4410095264943**
Status : **Answered**
Chosen Option : **A**

Q.70 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
16 - 22
13 - 19

Ans
✘ A. 45 - 59
✘ B. 6 - 16
✔ C. 2 - 8
✘ D. 10 - 17

Question ID : **441009591346**
Option 1 ID : **4410092320499**
Option 2 ID : **4410092320500**
Option 3 ID : **4410092320498**
Option 4 ID : **4410092320497**
Status : **Answered**
Chosen Option : **C**

Q.71 What should come in place of the question mark (?) in the given series?

295 299 308 324 349 ?

Ans
✔ A. 385
✘ B. 371
✘ C. 396
✘ D. 368

Question ID : **4410091987813**
Option 1 ID : **4410097829035**
Option 2 ID : **4410097829034**
Option 3 ID : **4410097829036**
Option 4 ID : **4410097829033**
Status : **Answered**
Chosen Option : **A**

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Q.72 In a certain code language,

A ^ B means ‘A is the wife of B’,
A ! B means ‘A is the brother of B’,
A £ B means ‘A is the father of B’ and
A € B means ‘A is the sister of B’.

Based on the above, how is P related to U if 'P ^ Q £ S € T ! U’?

Ans
✗ A. Mother's sister
✗ B. Sister
✓ C. Mother
✗ D. Wife

Question ID : **4410091599066**
Option 1 ID : **4410096316058**
Option 2 ID : **4410096316056**
Option 3 ID : **4410096316057**
Option 4 ID : **4410096316055**
Status : **Answered**
Chosen Option : **C**

Q.73 Each letter in the word HUMECTS is changed to the letter immediately following it in the English alphabetical order and then all the letters thus formed are arranged in the alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans
✗ A. I
✗ B. T
✗ C. F
✓ D. N

Question ID : **441009810437**
Option 1 ID : **4410093195872**
Option 2 ID : **4410093195874**
Option 3 ID : **4410093195873**
Option 4 ID : **4410093195871**
Status : **Answered**
Chosen Option : **D**

Q.74 If 2 is added to each even digit and 2 is added to each odd digit in the number 3761254, what will be the sum of the last two and the first two digits in the new number thus formed?

Ans
✗ A. 20
✗ B. 23
✗ C. 29
✓ D. 27

Question ID : **4410091125569**
Option 1 ID : **4410094437819**
Option 2 ID : **4410094437820**
Option 3 ID : **4410094437822**
Option 4 ID : **4410094437821**
Status : **Answered**
Chosen Option : **D**

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Q.75 In a certain code language,
'A # B' means 'A is the son of B',
'A % B' means 'A is the brother of B',
'A − B' means 'A is the wife of B' and
'A @ B' means 'A is the father of B'.

How is S related to U if 'S # M @ H − Y % U'?

Ans
✗ A. Wife's brother
✓ B. Brother's wife's brother
✗ C. Brother's wife's father
✗ D. Wife's father

Question ID : **4410091148723**
Option 1 ID : **4410094529850**
Option 2 ID : **4410094529848**
Option 3 ID : **4410094529849**
Option 4 ID : **4410094529851**
Status : **Answered**
Chosen Option : **B**

Q.76 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VAN-AFS
FKX-KPC

Ans
✗ A. PUH-ZUM
✗ B. UZM-PUC
✓ C. PUH-UZM
✗ D. POH-UZM

Question ID : **4410091332993**
Option 1 ID : **4410095263573**
Option 2 ID : **4410095263575**
Option 3 ID : **4410095263574**
Option 4 ID : **4410095263572**
Status : **Answered**
Chosen Option : **C**

Q.77 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) K L # O ^ & A M B + S # % @ A S X C V B ? Y $ % + * S W L P T ? B G % Y(Right)

How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
✓ A. 3
✗ B. 5
✗ C. 2
✗ D. 4

Question ID : **441009785116**
Option 1 ID : **4410093094468**
Option 2 ID : **4410093094470**
Option 3 ID : **4410093094467**
Option 4 ID : **4410093094469**
Status : **Answered**
Chosen Option : **A**

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Q.78 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

EIM : OSW
HLP : RVZ

Ans
✗ A. LPT : VYC
✗ B. GLQ : JNR
✗ C. NRV : XBE
✓ D. SWA : CGK

Question ID : **4410091364404**
Option 1 ID : **4410095389287**
Option 2 ID : **4410095389288**
Option 3 ID : **4410095389285**
Option 4 ID : **4410095389286**
Status : **Answered**
Chosen Option : **D**

Q.79 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) * & * 1 % < > 5 \ / * @ 4 1 < + ? * $ + 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another symbol?

Ans
✗ A. 1
✗ B. 4
✓ C. 3
✗ D. 2

Question ID : **4410091605941**
Option 1 ID : **4410096342800**
Option 2 ID : **4410096342803**
Option 3 ID : **4410096342802**
Option 4 ID : **4410096342801**
Status : **Answered**
Chosen Option : **C**

Q.80 This question is based on the following words.

(Left) SKY ITS NOT LTD (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. Two
✗ B. One
✗ C. Three
✓ D. Four

Question ID : **441009819466**
Option 1 ID : **4410093231989**
Option 2 ID : **4410093231990**
Option 3 ID : **4410093231988**
Option 4 ID : **4410093231987**
Status : **Answered**
Chosen Option : **C**

Railway BABA

Section : **General Awareness and Current Affairs**

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Q.81 Which of the following schemes was launched by the Government of India in February 2026?

Ans

✔ A. Bharat-VISTAAR

✘ B. Jal Jeevan Mission

✘ C. PM Kisan Samman Nidhi (PM-KISAN)

✘ D. PM Vishwakarma Scheme

Question ID : **4410092016383**
Option 1 ID : **4410097939926**
Option 2 ID : **4410097939923**
Option 3 ID : **4410097939924**
Option 4 ID : **4410097939925**
Status : **Not Answered**
Chosen Option : **--**

Q.82 What does SHAKTI stand for in the Biopharma SHAKTI initiative announced in the Union Budget 2026–27?

Ans

✘ A. Scientific Health and Advanced Knowledge for Translational Innovation

✘ B. Strategic Hub for Artificial Knowledge and Technical Integration

✘ C. Sustainable Health Advancement through Knowledge and Technological Integration

✔ D. Strategy for Healthcare Advancement through Knowledge, Technology and Innovation

Question ID : **4410092009240**
Option 1 ID : **4410097912231**
Option 2 ID : **4410097912230**
Option 3 ID : **4410097912232**
Option 4 ID : **4410097912233**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Which administrative authority is responsible for conducting the Census 2027 exercise in India?

Ans

✘ A. National Informatics Centre of India

✔ B. Registrar General and Census Commissioner of India

✘ C. Ministry of Statistics and Programme Implementation

✘ D. Election Commission of India

Question ID : **4410092013005**
Option 1 ID : **4410097926668**
Option 2 ID : **4410097926667**
Option 3 ID : **4410097926670**
Option 4 ID : **4410097926669**
Status : **Answered**
Chosen Option : **B**

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Q.84 Who released a commemorative book on Operation Sindoor in May 2026, featuring personal testimonies of 100 officers, sailors, airmen and soldiers who participated in the mission?

Ans
- ✗ A. Narendra Modi
- ✗ B. Amit Shah
- ✗ C. Droupadi Murmu
- ✓ D. Rajnath SIngh

Question ID : **4410092083812**
Option 1 ID : **4410098203436**
Option 2 ID : **4410098203438**
Option 3 ID : **4410098203437**
Option 4 ID : **4410098203435**
Status : **Not Answered**
Chosen Option : **--**

Q.85 On June 2nd, 2026, which state celebrated the 12th year of its formation?

Ans
- ✗ A. Uttarakhand
- ✗ B. Jharkhand
- ✓ C. Telangana
- ✗ D. Chhattisgarh

Question ID : **4410092084289**
Option 1 ID : **4410098205277**
Option 2 ID : **4410098205275**
Option 3 ID : **4410098205276**
Option 4 ID : **4410098205278**
Status : **Not Answered**
Chosen Option : **--**

Q.86 In April 2026, the Union Government officially operationalised India's first dedicated venture capital fund for space startups to accelerate the private space tech ecosystem. What is the official name of this fund?

Ans
- ✓ A. Antariksh Venture Capital Fund
- ✗ B. National DeepTech Fund of Funds
- ✗ C. IN-SPACe Seed Capital Fund
- ✗ D. Digital Space Bharat Nidhi

Question ID : **4410092009315**
Option 1 ID : **4410097912530**
Option 2 ID : **4410097912533**
Option 3 ID : **4410097912531**
Option 4 ID : **4410097912532**
Status : **Answered**
Chosen Option : **D**

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Q.87 Which scheme of the Ministry of MSME achieved a major employment-generation milestone during the 15th Finance Commission period, as reported in May 2026?

Ans

✗ A. Deen Dayal Antyodaya Yojana (DAY-NRLM)

✗ B. Skill India Mission (SIM)

✓ C. Prime Minister's Employment Generation Programme (PMEGP)

✗ D. Pradhan Mantri Mudra Yojana (PMMY)

Question ID : **4410092011288**
Option 1 ID : **4410097919966**
Option 2 ID : **4410097919969**
Option 3 ID : **4410097919968**
Option 4 ID : **4410097919967**
Status : **Answered**
Chosen Option : **C**

Q.88 South Coast Railway (SCoR), which became operational from June 1, 2026, is India's _____.

Ans

✗ A. 16th railway zone

✗ B. 20th railway zone

✓ C. 18th railway zone

✗ D. 14th railway zone

Question ID : **4410092092724**
Option 1 ID : **4410098238890**
Option 2 ID : **4410098238888**
Option 3 ID : **4410098238889**
Option 4 ID : **4410098238891**
Status : **Not Answered**
Chosen Option : **--**

Q.89 The Budget for 2026–27 provides an allocation of ₹924.35 crore for which of the following missions?

Ans

✗ A. National Health Mission

✓ B. Khelo India Mission

✗ C. Swachh Bharat Mission

✗ D. Smart Cities Mission

Question ID : **4410092009216**
Option 1 ID : **4410097912134**
Option 2 ID : **4410097912135**
Option 3 ID : **4410097912136**
Option 4 ID : **4410097912137**
Status : **Not Answered**
Chosen Option : **--**

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Q.90 The PM Surya Ghar: Muft Bijli Yojana, under which more than 26 lakh households had benefited by December 2025, contributes most directly to which Sustainable Development Goal (SDG) through promotion of rooftop solar energy and reduction of dependence on fossil fuels?

Ans
- ✔ A. SDG 7
- ✘ B. SDG 15
- ✘ C. SDG 9
- ✘ D. SDG 12

Question ID : **4410092061040**
Option 1 ID : **4410098114027**
Option 2 ID : **4410098114026**
Option 3 ID : **4410098114028**
Option 4 ID : **4410098114029**
Status : **Not Answered**
Chosen Option : **--**

Q.91 According to the World Press Freedom Index 2026, released by Reporters Without Borders (RSF), which country ranked 1st — a position it has now held for 10 consecutive years?

Ans
- ✔ A. Norway
- ✘ B. Finland
- ✘ C. Sweden
- ✘ D. Denmark

Question ID : **4410092009013**
Option 1 ID : **4410097911328**
Option 2 ID : **4410097911326**
Option 3 ID : **4410097911329**
Option 4 ID : **4410097911327**
Status : **Answered**
Chosen Option : **A**

Q.92 In May 2026, Prime Minister Narendra Modi received which of the following prestigious honours from Sweden?

Ans
- ✘ A. Royal Order of the Silver Star, Degree Commander Grand Cross
- ✔ B. Royal Order of the Polar Star, Degree Commander Grand Cross
- ✘ C. Royal Order of the Golden Star, Degree Commander Grand Cross
- ✘ D. Royal Order of the Northern Star, Degree Commander Grand Cross

Question ID : **4410092077234**
Option 1 ID : **4410098177347**
Option 2 ID : **4410098177348**
Option 3 ID : **4410098177349**
Option 4 ID : **4410098177346**
Status : **Not Answered**
Chosen Option : **--**

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Q.93 Where was PRAGATI 2026, a major multilateral military exercise led by India with participation from 12 friendly nations, held in May 2026?

Ans
- ✔ A. Meghalaya
- ✘ B. Rajasthan
- ✘ C. Assam
- ✘ D. Punjab

Question ID : **4410092102552**
Option 1 ID : **4410098277234**
Option 2 ID : **4410098277232**
Option 3 ID : **4410098277235**
Option 4 ID : **4410098277233**
Status : **Not Answered**
Chosen Option : **--**

Q.94 Which bird sanctuary in Uttar Pradesh was included in the list of Ramsar sites in April 2026?

Ans
- ✘ A. Chitrangudi Bird Sanctuary
- ✘ B. Vedanthangal Bird Sanctuary
- ✘ C. Udhwa Lake Bird Sanctuary
- ✔ D. Shekha Jheel Bird Sanctuary

Question ID : **4410092050307**
Option 1 ID : **4410098072249**
Option 2 ID : **4410098072252**
Option 3 ID : **4410098072250**
Option 4 ID : **4410098072251**
Status : **Not Answered**
Chosen Option : **--**

Q.95 Which specific launch vehicle was used to carry the NISAR satellite into orbit from Sriharikota in 2025?

Ans
- ✘ A. Falcon 9
- ✘ B. PSLV-C58
- ✘ C. LVM3-M4
- ✔ D. GSLV-F16

Question ID : **4410091659179**
Option 1 ID : **4410096551096**
Option 2 ID : **4410096551093**
Option 3 ID : **4410096551095**
Option 4 ID : **4410096551094**
Status : **Not Answered**
Chosen Option : **--**

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Q.96 At the 2026 Laureus World Sports Awards, who received the Laureus World Sportsman of the Year Award?

Ans

✔ A. Carlos Alcaraz

✘ B. Max Verstappen

✘ C. Jannik Sinner

✘ D. Roger Federer

Question ID : **4410092079882**
Option 1 ID : **4410098187812**
Option 2 ID : **4410098187811**
Option 3 ID : **4410098187810**
Option 4 ID : **4410098187809**
Status : **Not Answered**
Chosen Option : **--**

Q.97 From which test range did DRDO successfully conduct three flight tests of the Very Short Range Air Defence System (VSHORADS) in February 2026?

Ans

✘ A. Pokhran Field Range, Rajasthan

✘ B. Balasore Missile Complex, West Bengal

✘ C. Thumba Equatorial Rocket Range, Kerala

✔ D. Integrated Test Range, Chandipur

Question ID : **4410092009233**
Option 1 ID : **4410097912202**
Option 2 ID : **4410097912204**
Option 3 ID : **4410097912203**
Option 4 ID : **4410097912205**
Status : **Not Answered**
Chosen Option : **--**

Q.98 Who won the gold medal in the men's javelin event at the World Para Athletics Grand Prix 2026 in New Delhi?

Ans

✔ A. Sumit Antil

✘ B. Devendra Jhajharia

✘ C. Mariyappan Thangavelu

✘ D. Sundar Singh Gurjar

Question ID : **4410092077240**
Option 1 ID : **4410098177372**
Option 2 ID : **4410098177373**
Option 3 ID : **4410098177370**
Option 4 ID : **4410098177371**
Status : **Not Answered**
Chosen Option : **--**

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Q.99 In May 2026, where did Defence Minister Rajnath Singh inaugurate a private sector defence manufacturing complex in Maharashtra?

Ans

✗ A. Chakan

✗ B. Tarapur

✓ C. Shirdi

✗ D. Lasalgaon

Question ID : **4410092142841**
Option 1 ID : **4410098434649**
Option 2 ID : **4410098434650**
Option 3 ID : **4410098434651**
Option 4 ID : **4410098434648**
Status : **Not Answered**
Chosen Option : **--**

Q.10 0 Within what period must every National Sports Body amend its bye-laws to bring them into conformity with the National Sports Governance Act, 2025, and the Rules, 2026?

Ans

✗ A. Nine months

✗ B. Twelve months

✗ C. Three months

✓ D. Six months

Question ID : **4410092084353**
Option 1 ID : **4410098205517**
Option 2 ID : **4410098205518**
Option 3 ID : **4410098205515**
Option 4 ID : **4410098205516**
Status : **Not Answered**
Chosen Option : **--**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	J92524795587
Roll Number	189254180439947
Candidate Name	KRISHNARAJ V
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ Sivathapuram
Test Date	04/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

Q.1 A lever provides mechanical advantage greater than 1 when _____.

Ans ✔ A. Effort arm is longer than load arm

✘ B. Both arms are equal

✘ C. Load arm is longer than effort arm

✘ D. Fulcrum is absent

Question ID : **4410092046333**
Option 1 ID : **4410098057406**
Option 2 ID : **4410098057407**
Option 3 ID : **4410098057405**
Option 4 ID : **4410098057408**
Status : **Answered**
Chosen Option : **A**

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Q.2 Which enzyme released by the gastric glands helps digest proteins in the stomach?

Ans

✔ A. Pepsin

✘ B. Maltase

✘ C. Lipase

✘ D. Amylase

Question ID : **4410092045270**
Option 1 ID : **4410098053164**
Option 2 ID : **4410098053163**
Option 3 ID : **4410098053165**
Option 4 ID : **4410098053162**
Status : **Answered**
Chosen Option : **A**

Q.3 When a ray of light passes through a triangular glass prism, the emergent ray is generally not parallel to the incident ray. Which of the following best explains this observation?

Ans

✘ A. The light ray passes through the prism uniformly without any change in direction.

✘ B. The light ray undergoes complete reflection at both faces of the prism.

✔ C. The two refracting faces of the prism are inclined to each other, causing an overall deviation of the light ray.

✘ D. The parallel faces of the prism produce equal refractions that cancel each other.

Question ID : **4410092046240**
Option 1 ID : **4410098057036**
Option 2 ID : **4410098057034**
Option 3 ID : **4410098057035**
Option 4 ID : **4410098057033**
Status : **Marked For Review**
Chosen Option : **C**

Q.4 Why is maintaining a specific pH crucial for digestive enzymes in the human stomach?

Ans

✘ A. To absorb water more efficiently

✘ B. To neutralise excess stomach acid

✔ C. To ensure the correct shape and activity of enzymes like pepsin

✘ D. To prevent the growth of harmful bacteria

Question ID : **441009863142**
Option 1 ID : **4410093405714**
Option 2 ID : **4410093405716**
Option 3 ID : **4410093405717**
Option 4 ID : **4410093405715**
Status : **Answered**
Chosen Option : **B**

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Q.5 Which statement correctly shows that a chemical change is different from a physical change?

Ans

✗ A. Chemical change is always reversible, while physical change is never reversible.

✓ B. Chemical change results in a new substance, while physical change does not.

✗ C. Chemical change affects only size and shape, while physical change affects composition.

✗ D. Chemical change changes only appearance, while physical change forms new substances.

Question ID : **4410091724854**
Option 1 ID : **4410096802520**
Option 2 ID : **4410096802522**
Option 3 ID : **4410096802521**
Option 4 ID : **4410096802519**
Status : **Answered**
Chosen Option : **B**

Q.6 When a zinc strip is dipped into a solution of iron(II) sulphate, what will happen?

Ans

✗ A. No reaction occurs

✓ B. Zinc displaces iron from the solution.

✗ C. Iron deposits on zinc, and hydrogen gas is evolved.

✗ D. Zinc gets coated with iron oxide.

Question ID : **4410091078579**
Option 1 ID : **4410094251645**
Option 2 ID : **4410094251644**
Option 3 ID : **4410094251646**
Option 4 ID : **4410094251647**
Status : **Marked For Review**
Chosen Option : **C**

Q.7 In animals, anaerobic respiration primarily results in the formation of _____.

Ans

✓ A. Lactic acid

✗ B. Carbon dioxide

✗ C. Glucose

✗ D. Water

Question ID : **4410091978248**
Option 1 ID : **4410097791893**
Option 2 ID : **4410097791891**
Option 3 ID : **4410097791892**
Option 4 ID : **4410097791894**
Status : **Marked For Review**
Chosen Option : **C**

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Q.8 Why does a metal filament bulb glow when electric current passes through it?

Ans
✗ A. The filament conducts current with zero resistance
✓ B. The filament offers resistance, converting electrical energy to heat and light
✗ C. A chemical reaction in the filament produces light
✗ D. The filament is magnetized by the current

Question ID : **4410092045875**
Option 1 ID : **4410098055576**
Option 2 ID : **4410098055573**
Option 3 ID : **4410098055575**
Option 4 ID : **4410098055574**
Status : **Answered**
Chosen Option : **B**

Q.9 What does the valency of an element indicate?

Ans
✗ A. The total number of neutrons present in the nucleus
✗ B. The mass of the atom measured in atomic mass units
✓ C. The combining capacity of an atom in chemical reactions
✗ D. The total number of electron shells present in an atom

Question ID : **4410091646807**
Option 1 ID : **4410096503477**
Option 2 ID : **4410096503480**
Option 3 ID : **4410096503479**
Option 4 ID : **4410096503478**
Status : **Answered**
Chosen Option : **C**

Q.10 What is the principal mechanism by which soap removes oily dirt from fabrics?

Ans
✗ A. Soap increases viscosity and dissolves impurities directly in water
✗ B. Soap chemically reacts with oil to convert it into soluble alcohol
✓ C. Soap molecules reduce surface tension and form micelles trapping dirt
✗ D. Soap evaporates water content and separates dirt through sublimation

Question ID : **4410091472630**
Option 1 ID : **4410095818386**
Option 2 ID : **4410095818387**
Option 3 ID : **4410095818385**
Option 4 ID : **4410095818388**
Status : **Answered**
Chosen Option : **C**

Q.11 How can ultrasound be used to detect flaws in a metal block?

Ans
✓ A. By measuring the reflection of waves at internal cracks
✗ B. By heating the block with the ultrasound
✗ C. By observing visible movement inside the block
✗ D. By measuring the color of the metal

Question ID : **4410092046029**
Option 1 ID : **4410098056190**
Option 2 ID : **4410098056191**
Option 3 ID : **4410098056189**
Option 4 ID : **4410098056192**
Status : **Answered**
Chosen Option : **A**

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Q.12 Which combination of conditions is most likely to lead to the formation of petroleum from marine sediments?

Ans

✗ A. High temperature, low pressure, aerobic conditions

✓ B. High pressure, high temperature, anaerobic conditions

✗ C. Low temperature, low pressure, aerobic conditions

✗ D. Low pressure, high temperature, aerobic conditions

Question ID : **4410091786877**
Option 1 ID : **4410097046207**
Option 2 ID : **4410097046205**
Option 3 ID : **4410097046206**
Option 4 ID : **4410097046204**
Status : **Answered**
Chosen Option : **B**

Q.13 A physics teacher asks students to create a scenario where a concave mirror is used for shaving to get a large, upright image of the face. Where must the face be positioned relative to the mirror for this result?

Ans

✗ A. Beyond the centre of curvature of the mirror

✗ B. At the focus of the mirror

✓ C. Between the pole and the focus of the mirror

✗ D. At the centre of curvature of the mirror

Question ID : **4410092046423**
Option 1 ID : **4410098057764**
Option 2 ID : **4410098057763**
Option 3 ID : **4410098057761**
Option 4 ID : **4410098057762**
Status : **Answered**
Chosen Option : **C**

Q.14 Which type of plant movement is caused by growth in response to a stimulus?

Ans

✗ A. Circular growth

✓ B. Directional growth

✗ C. Rapid contraction

✗ D. Random growth

Question ID : **4410092045308**
Option 1 ID : **4410098053315**
Option 2 ID : **4410098053316**
Option 3 ID : **4410098053317**
Option 4 ID : **4410098053314**
Status : **Answered**
Chosen Option : **B**

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Q.15 A woman experiences heavy and prolonged menstrual bleeding. Her doctor suspects a problem related to the endometrium. Which physiological process is most directly affected to cause this symptom?

Ans

✗ A. Delayed release of the ovum

✓ B. Excessive shedding of endometrial tissue

✗ C. Reduced blood vessel formation

✗ D. Decreased ovarian hormone production

Question ID : **4410091973397**
Option 1 ID : **4410097772618**
Option 2 ID : **4410097772616**
Option 3 ID : **4410097772619**
Option 4 ID : **4410097772617**
Status : **Answered**
Chosen Option : **B**

Q.16 If a non-biodegradable chemical enters the food chain at a concentration of 0.02 ppm in water, what will happen over time?

Ans

✓ A. It will show maximum accumulation at the highest trophic level

✗ B. It will remain only within the producers

✗ C. Its concentration will decrease at higher trophic levels

✗ D. It will disappear completely from the ecosystem

Question ID : **4410091978397**
Option 1 ID : **4410097792489**
Option 2 ID : **4410097792490**
Option 3 ID : **4410097792488**
Option 4 ID : **4410097792487**
Status : **Answered**
Chosen Option : **A**

Q.17 An element X forms an ion X^{2+}. If the neutral atom of X has 20 electrons, how many electrons are present in the ion?

Ans

✗ A. 20

✗ B. 24

✓ C. 18

✗ D. 22

Question ID : **4410091427473**
Option 1 ID : **4410095638400**
Option 2 ID : **4410095638402**
Option 3 ID : **4410095638399**
Option 4 ID : **4410095638401**
Status : **Answered**
Chosen Option : **D**

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Q.18 In plants, growth is restricted to specific regions because of the presence of dividing tissues, which are also known as _____.

Ans

✗ A. Supportive tissues

✓ B. Meristematic tissues

✗ C. Permanent tissues

✗ D. Vascular tissues

Question ID : **4410091682917**
Option 1 ID : **4410096638923**
Option 2 ID : **4410096638925**
Option 3 ID : **4410096638922**
Option 4 ID : **4410096638924**
Status : **Answered**
Chosen Option : **B**

Q.19 A child swings on a swing. At which point is the child's kinetic energy the greatest, based on the law of conservation of energy?

Ans

✗ A. In the middle between highest and lowest points

✗ B. At the highest point of the swing

✓ C. At the lowest point of the swing

✗ D. Kinetic energy is equal at all points

Question ID : **4410092046053**
Option 1 ID : **4410098056287**
Option 2 ID : **4410098056285**
Option 3 ID : **4410098056286**
Option 4 ID : **4410098056288**
Status : **Answered**
Chosen Option : **C**

Q.20 Which scenario does NOT correctly represent an action-reaction pair as per Newton's third law?

Ans

✗ A. Feet pushing the ground and the ground pushing back while walking

✓ B. A book pressing down on a table and gravity pulling the book down

✗ C. Rocket exhaust gases pushing backward and air pushing the rocket forward

✗ D. A bat hitting a ball and the ball pushing back on the bat

Question ID : **4410092046124**
Option 1 ID : **4410098056572**
Option 2 ID : **4410098056569**
Option 3 ID : **4410098056571**
Option 4 ID : **4410098056570**
Status : **Answered**
Chosen Option : **B**

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Q.21 A fungal culture in a laboratory is observed to grow best when kept in a warm and moist incubator. Which aspect of its biology is directly influenced by these conditions?

Ans

✗ A. Increased pigment production

✓ B. Optimal spore germination and growth

✗ C. High energy storage in vacuoles

✗ D. Maximum rate of cell division

Question ID : **4410091978876**
Option 1 ID : **4410097794403**
Option 2 ID : **4410097794404**
Option 3 ID : **4410097794405**
Option 4 ID : **4410097794406**
Status : **Marked For Review**
Chosen Option : **B**

Q.22 A science project requires a variable resistor to adjust the current in a circuit. Which symbol should be used in the schematic diagram to represent this component?

Ans

✓ A. A zigzag line with an arrow across it

✗ B. A simple zigzag line

✗ C. Parallel long and short lines

✗ D. A straight line with a gap and bridge

Question ID : **4410092045841**
Option 1 ID : **4410098055437**
Option 2 ID : **4410098055440**
Option 3 ID : **4410098055438**
Option 4 ID : **4410098055439**
Status : **Answered**
Chosen Option : **A**

Q.23 A tribal community identifies wild mushrooms for food and medicine. Which property is most relevant to their nutritional and medicinal value?

Ans

✗ A. Rapid spore production capability

✗ B. Colorful cap pattern presence

✓ C. High content of bioactive compounds

✗ D. Structural similarity to plants

Question ID : **4410091978865**
Option 1 ID : **4410097794361**
Option 2 ID : **4410097794362**
Option 3 ID : **4410097794359**
Option 4 ID : **4410097794360**
Status : **Answered**
Chosen Option : **C**

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Q.24 A student writes the skeletal equation for the reaction of zinc with nitric acid.
$Zn + HNO_3 \rightarrow Zn(NO_3)_2 + H_2$
After balancing the equation with the **smallest whole number coefficients**, what will be the **sum of all coefficients** in the balanced equation?

Ans
✗ A. 6
✗ B. 8
✗ C. 7
✓ D. 5

Question ID : **4410091825898**
Option 1 ID : **4410097197855**
Option 2 ID : **4410097197857**
Option 3 ID : **4410097197856**
Option 4 ID : **4410097197854**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Which quantity can never be negative in one-dimensional motion?

Ans
✗ A. Displacement
✗ B. Velocity
✓ C. Path length
✗ D. Change in position

Question ID : **4410092046102**
Option 1 ID : **4410098056481**
Option 2 ID : **4410098056482**
Option 3 ID : **4410098056483**
Option 4 ID : **4410098056484**
Status : **Answered**
Chosen Option : **C**

Section : **Mathematics**

Q.26 If $\cos\theta + \cos^2\theta = \sec^2\theta - \tan^2\theta$, then the value of $\sin^2\theta + \sin^4\theta$ is:

Ans
✗ A. 0
✗ B. $\text{cosec}\theta$
✓ C. 1
✗ D. $\cos^2\theta$

Question ID : **441009595237**
Option 1 ID : **4410092336065**
Option 2 ID : **4410092336066**
Option 3 ID : **4410092336067**
Option 4 ID : **4410092336068**
Status : **Answered**
Chosen Option : **C**

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Q.27 What is the average of 2, 4, 6, and 8?

Ans ✔ A. 5

✘ B. 6

✘ C. 4

✘ D. 7

Question ID : **4410091982139**
Option 1 ID : **4410097807373**
Option 2 ID : **4410097807372**
Option 3 ID : **4410097807371**
Option 4 ID : **4410097807370**
Status : **Answered**
Chosen Option : **A**

Q.28 If a 7-digit number 87321A6 is completely divisible by 6, what is the least value of A?

Ans ✔ A. 0

✘ B. 2

✘ C. 1

✘ D. 3

Question ID : **441009560200**
Option 1 ID : **4410092196067**
Option 2 ID : **4410092196069**
Option 3 ID : **4410092196068**
Option 4 ID : **4410092196070**
Status : **Answered**
Chosen Option : **A**

Q.29 If the mean of the following data is 49, then what is the value of x?

Class	20-30	30-40	40-50	50-60	60-70
Frequency	24	34	15	36	x

Ans ✔ A. 56

✘ B. 77

✘ C. 84

✘ D. 61

Question ID : **441009622511**
Option 1 ID : **4410092444176**
Option 2 ID : **4410092444178**
Option 3 ID : **4410092444177**
Option 4 ID : **4410092444179**
Status : **Answered**
Chosen Option : **D**

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Q.30 Find the fourth proportional to 2.5, 4, and 10.

Ans
✔ A. 16
✘ B. 18
✘ C. 14
✘ D. 12

Question ID : **4410091734627**
Option 1 ID : **4410096840601**
Option 2 ID : **4410096840602**
Option 3 ID : **4410096840600**
Option 4 ID : **4410096840599**
Status : **Answered**
Chosen Option : **A**

Q.31 A regular hexagonal garden has each side measuring 21 m. A circular fountain of radius 7 m is built at the centre. Find the area (rounded off to one decimal place) of the remaining garden.

$\left(\text{Use } \pi = \frac{22}{7} \text{ and } \sqrt{3} = 1.73\right)$

Ans
✘ A. 986.4 m^2
✘ B. 981.4 m^2
✘ C. 996.4 m^2
✔ D. 990.4 m^2

Question ID : **4410091568481**
Option 1 ID : **4410096195211**
Option 2 ID : **4410096195210**
Option 3 ID : **4410096195213**
Option 4 ID : **4410096195212**
Status : **Answered**
Chosen Option : **D**

Q.32 Calculate the mean of the following numbers: 283, 261, 253, 175, 186 and 192

Ans
✘ A. 220
✘ B. 235
✘ C. 230
✔ D. 225

Question ID : **4410091988601**
Option 1 ID : **4410097832177**
Option 2 ID : **4410097832180**
Option 3 ID : **4410097832179**
Option 4 ID : **4410097832178**
Status : **Answered**
Chosen Option : **D**

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Q.33 In an election, a total of 8,000 votes were cast. Candidate X received 55% of the total votes. Find the number of votes received by candidate X.

Ans
✗ A. 4,600
✗ B. 4,200
✓ C. 4,400
✗ D. 4,000

Question ID : **4410091988786**
Option 1 ID : **4410097832920**
Option 2 ID : **4410097832918**
Option 3 ID : **4410097832919**
Option 4 ID : **4410097832917**
Status : **Answered**
Chosen Option : **C**

Q.34 A train 500 m long and traveling at 72 km/h crosses another train 410 m long and moving at 54 km/h in the opposite direction. How much time will it take for the trains to completely cross each other?

Ans
✗ A. 32 seconds
✗ B. 18 seconds
✗ C. 40 seconds
✓ D. 26 seconds

Question ID : **4410091646253**
Option 1 ID : **4410096501242**
Option 2 ID : **4410096501240**
Option 3 ID : **4410096501243**
Option 4 ID : **4410096501241**
Status : **Answered**
Chosen Option : **D**

Q.35 A dealer buys an article at a discount of 25% on its list price and marks it at 35% above the list price. If he allows a discount of 20% on the new marked price, find his profit percent.

Ans
✓ A. 44%
✗ B. 34%
✗ C. 36%
✗ D. 42%

Question ID : **4410091231911**
Option 1 ID : **4410094861305**
Option 2 ID : **4410094861307**
Option 3 ID : **4410094861306**
Option 4 ID : **4410094861308**
Status : **Answered**
Chosen Option : **A**

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Q.36 The sum of the present ages of a mother and her daughter is 50 years. Five years ago, the mother was seven times as old as her daughter. What is the present age of the daughter?

Ans
✔ A. 10 years
✘ B. 12 years
✘ C. 11 years
✘ D. 14 years

Question ID : **4410091039070**
Option 1 ID : **4410094106438**
Option 2 ID : **4410094106441**
Option 3 ID : **4410094106440**
Option 4 ID : **4410094106439**
Status : **Answered**
Chosen Option : **A**

Q.37 A trader purchases oil at ₹500 per barrel. He first increases the price by 20% and later decreases the increased price by 10%. What is the final price per barrel?

Ans
✘ A. ₹500
✘ B. ₹560
✘ C. ₹550
✔ D. ₹540

Question ID : **4410091648519**
Option 1 ID : **4410096510301**
Option 2 ID : **4410096510303**
Option 3 ID : **4410096510302**
Option 4 ID : **4410096510300**
Status : **Answered**
Chosen Option : **D**

Q.38 Simplify: $\sqrt{(272)^2 - (128)^2}$.

Ans
✔ A. 240
✘ B. 256
✘ C. 144
✘ D. 200

Question ID : **4410091027944**
Option 1 ID : **4410094063384**
Option 2 ID : **4410094063385**
Option 3 ID : **4410094063386**
Option 4 ID : **4410094063383**
Status : **Answered**
Chosen Option : **A**

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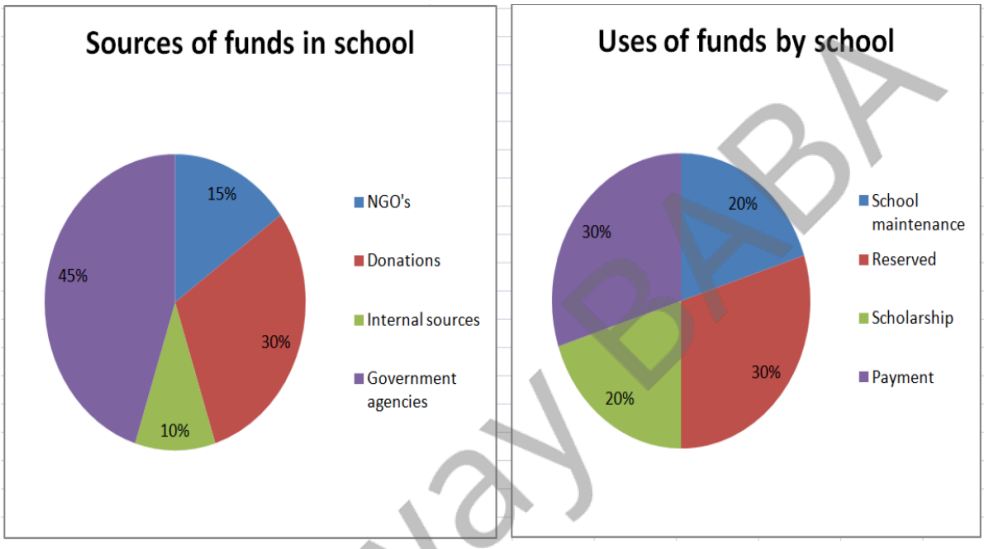
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Q.39 For an acute angle θ, if $\sin\theta + \cos\theta = \sqrt{2}$, find the value of $\sin^4\theta + \cos^4\theta$.

Ans
- ✗ A. $\frac{1}{4}$
- ✓ B. $\frac{1}{2}$
- ✗ C. 1
- ✗ D. $\frac{1}{\sqrt{2}}$

Question ID : **4410091596686**
Option 1 ID : **4410096306772**
Option 2 ID : **4410096306770**
Option 3 ID : **4410096306771**
Option 4 ID : **4410096306773**
Status : **Marked For Review**
Chosen Option : **B**

Q.40 Study the following pie charts carefully and answer the question given below it.
The entire fund that school gets from different sources is equal to ₹700 lakh.
If the school managed school maintenance from the government agencies fund only, how much fund (in ₹) from government agencies would still be left for other uses?



Ans
- ✗ A. 165 lakh
- ✗ B. 155 lakh
- ✓ C. 175 lakh
- ✗ D. 185 lakh

Question ID : **4410092057421**
Option 1 ID : **4410098099967**
Option 2 ID : **4410098099966**
Option 3 ID : **4410098099968**
Option 4 ID : **4410098099969**
Status : **Answered**
Chosen Option : **C**

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Q.41 If the numbers 25, 35, 45.2, and x are in proportion, find the value of x.

Ans
✔ A. 63.28
✘ B. 70.78
✘ C. 52.56
✘ D. 56.23

Question ID : **4410091996315**
Option 1 ID : **4410097861868**
Option 2 ID : **4410097861867**
Option 3 ID : **4410097861866**
Option 4 ID : **4410097861865**
Status : **Answered**
Chosen Option : **A**

Q.42 The volume and height of a cylinder are 1232 cm^3 and 24.5 cm, respectively. Find the radius (in cm) of the cylinder. (Use π = 22/7)

Ans
✘ A. 5
✘ B. 10
✔ C. 4
✘ D. 11

Question ID : **441009622137**
Option 1 ID : **4410092442682**
Option 2 ID : **4410092442683**
Option 3 ID : **4410092442680**
Option 4 ID : **4410092442681**
Status : **Answered**
Chosen Option : **C**

Q.43 Mr. X borrowed an amount of ₹50,000 for 40 months. If he repaid ₹1,625 as monthly installment, then find the simple rate of interest.

Ans
✘ A. 7.5%
✔ B. 9%
✘ C. 8%
✘ D. 6.8%

Question ID : **4410091257314**
Option 1 ID : **4410094962106**
Option 2 ID : **4410094962107**
Option 3 ID : **4410094962108**
Option 4 ID : **4410094962109**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.44 If one dozen notebooks cost ₹360, then what will be the cost of 5 such notebooks?

Ans
✔ A. ₹150
✘ B. ₹120
✘ C. ₹180
✘ D. ₹160

Question ID : **4410091392256**
Option 1 ID : **4410095498717**
Option 2 ID : **4410095498716**
Option 3 ID : **4410095498719**
Option 4 ID : **4410095498718**
Status : **Answered**
Chosen Option : **A**

Q.45 A train leaves Station A for Station B at 7:00 a.m., traveling at a speed of 80 km/h. Another train leaves Station B for Station A at 8:30 a.m., traveling at 100 km/h on the same track. If the distance between the two stations is 550 km, at what time will the two trains meet each other?

Ans
✘ A. 10:52:20 a.m.
✔ B. 10:53:20 a.m.
✘ C. 10:35:20 a.m.
✘ D. 10:53:21 a.m.

Question ID : **4410091501519**
Option 1 ID : **4410095930490**
Option 2 ID : **4410095930488**
Option 3 ID : **4410095930491**
Option 4 ID : **4410095930489**
Status : **Answered**
Chosen Option : **B**

Q.46 Let A be a regular polygon such that each interior angle of A exceeds its exterior angle by 120°. Find the number of sides of A.

Ans
✔ A. 12
✘ B. 10
✘ C. 15
✘ D. 18

Question ID : **441009602527**
Option 1 ID : **4410092365227**
Option 2 ID : **4410092365228**
Option 3 ID : **4410092365226**
Option 4 ID : **4410092365225**
Status : **Answered**
Chosen Option : **A**

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Q.47 A trader gains 50% by selling an article after two successive discounts of 25% and 80% on its marked price. If the cost price of the article is increased by 74%, then what single discount should he now give on the same marked price to get the same profit percentage as earlier?

Ans
✗ A. 66.56%
✓ B. 73.9%
✗ C. 72.62%
✗ D. 69.5%

Question ID : **441009914737**
Option 1 ID : **4410093613200**
Option 2 ID : **4410093613199**
Option 3 ID : **4410093613202**
Option 4 ID : **4410093613201**
Status : **Answered**
Chosen Option : **B**

Q.48 A water tank has two inlet pipes A and B, and one outlet pipe C. Pipe A alone can fill the tank in 12 hours, pipe B alone can fill it in 18 hours, and pipe C alone can empty the full tank in 24 hours. If all three pipes are opened together, in how much time will the tank be filled? (Rounded off to one decimal place)

Ans
✓ A. 10.3 hours
✗ B. 12.5 hours
✗ C. 9.5 hours
✗ D. 11.2 hours

Question ID : **4410091245255**
Option 1 ID : **4410094914301**
Option 2 ID : **4410094914303**
Option 3 ID : **4410094914300**
Option 4 ID : **4410094914302**
Status : **Answered**
Chosen Option : **A**

Q.49 The compound interest (in ₹, rounded off to the nearest tens) on ₹12,000 at the rate of 10% per annum for 1.5 years, if interest is compounded half-yearly, is:

Ans
✗ A. 1,870
✓ B. 1,890
✗ C. 1,970
✗ D. 1,980

Question ID : **441009903020**
Option 1 ID : **4410093565896**
Option 2 ID : **4410093565894**
Option 3 ID : **4410093565897**
Option 4 ID : **4410093565895**
Status : **Answered**
Chosen Option : **B**

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Q.50 A certain sum of money is invested at simple interest for 3 years at 3% per annum. The simple interest earned is equal to half of the compound interest earned on ₹6,000 invested for 2 years at 6% per annum, compounded annually. Find the sum invested at simple interest.

Ans
✗ A. ₹4,350
✗ B. ₹3,650
✗ C. ₹3,890
✓ D. ₹4,120

Question ID : **4410091990240**
Option 1 ID : **4410097838682**
Option 2 ID : **4410097838684**
Option 3 ID : **4410097838683**
Option 4 ID : **4410097838681**
Status : **Answered**
Chosen Option : **D**

Section : **General Intelligence and Reasoning**

Q.51 39 is related to 117 following a certain logic. Following the same logic, 46 is related to 138. To which of the given options is 54 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 174
✓ B. 162
✗ C. 168
✗ D. 156

Question ID : **4410091990868**
Option 1 ID : **4410097841093**
Option 2 ID : **4410097841094**
Option 3 ID : **4410097841096**
Option 4 ID : **4410097841095**
Status : **Answered**
Chosen Option : **B**

Q.52 In a certain code language, 'NUKE' is coded as '6148' and 'UREN' is coded as '9418'. What is the code for 'R' in the given code language?

Ans
✓ A. 9
✗ B. 4
✗ C. 1
✗ D. 8

Question ID : **4410091599070**
Option 1 ID : **4410096316071**
Option 2 ID : **4410096316072**
Option 3 ID : **4410096316073**
Option 4 ID : **4410096316074**
Status : **Answered**
Chosen Option : **A**

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Q.53 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

15 × 5 ÷ 12 − 2 + 11 = ?

Ans
- ✗ A. 23
- ✓ B. 16
- ✗ C. 20
- ✗ D. 27

Question ID : **4410091125112**
Option 1 ID : **4410094435993**
Option 2 ID : **4410094435991**
Option 3 ID : **4410094435992**
Option 4 ID : **4410094435994**
Status : **Answered**
Chosen Option : **B**

Q.54 In a certain code language, 'BOST' is coded as '7816' and 'STOM' is coded as '8764'. What is the code for 'M' in the given code language?

Ans
- ✗ A. 6
- ✗ B. 8
- ✓ C. 4
- ✗ D. 7

Question ID : **4410091599069**
Option 1 ID : **4410096316069**
Option 2 ID : **4410096316067**
Option 3 ID : **4410096316070**
Option 4 ID : **4410096316068**
Status : **Answered**
Chosen Option : **C**

Q.55 In a certain code language,
A ^ B means 'A is the father of B',
A # B means 'A is the brother of B',
A Ω B means 'A is the daughter of B' and
A ± B means 'A is the wife of B'.

Based on the above, how is C related to R if 'C Ω L ^ M ± P # R'?

Ans
- ✗ A. Mother's mother's sister
- ✗ B. Sister
- ✓ C. Brother's wife's sister
- ✗ D. Mother's mother

Question ID : **4410092026497**
Option 1 ID : **4410097979674**
Option 2 ID : **4410097979672**
Option 3 ID : **4410097979673**
Option 4 ID : **4410097979675**
Status : **Answered**
Chosen Option : **C**

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Q.56 Each of Q, R, W, T, E, U and Y has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has an exam on Friday. Exactly three people have an exam between R and U, neither of whom has an exam on Sunday. W has an exam immediately after E. Q has an exam immediately before U. Who has an exam immediately after W?

Ans
✔ A. T
✘ B. U
✘ C. E
✘ D. R

Question ID : **4410091462380**
Option 1 ID : **4410095777630**
Option 2 ID : **4410095777633**
Option 3 ID : **4410095777631**
Option 4 ID : **4410095777632**
Status : **Answered**
Chosen Option : **A**

Q.57 In a certain code language, 'BARK' is coded as '1849' and 'RACK' is coded as '6941'. What is the code for 'C' in the given code language?

Ans
✘ A. 4
✘ B. 1
✔ C. 6
✘ D. 9

Question ID : **4410091487212**
Option 1 ID : **4410095875261**
Option 2 ID : **4410095875262**
Option 3 ID : **4410095875259**
Option 4 ID : **4410095875260**
Status : **Answered**
Chosen Option : **C**

Q.58 Mr. Norzang starts from Point A and drives 19 km towards South. He then takes a right turn, drives 29 km, turns right and drives 12 km. He then takes a right turn and drives 16 km. He then takes a right turn, drives 8 km, turns left and drives 2 km. He takes a final left turn, drives 15 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

Ans
✘ A. 7 km to the South
✘ B. 11 km to the West
✘ C. 7 km to the North
✔ D. 11 km to the East

Question ID : **441009761125**
Option 1 ID : **4410092998496**
Option 2 ID : **4410092998493**
Option 3 ID : **4410092998495**
Option 4 ID : **4410092998494**
Status : **Answered**
Chosen Option : **D**

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Q.59 If ‘P’ stands for ‘+’, ‘Q’ stands for ‘−’, ‘R’ stands for ‘÷’ and ‘S’ stands for ‘×’, what will come in place of the question mark (?) in the following equation?

4 S 5 P 21 Q 7 R 1 = ?

Ans
✗ A. 39
✓ B. 34
✗ C. 44
✗ D. 30

Question ID : **4410091385561**
Option 1 ID : **4410095472962**
Option 2 ID : **4410095472961**
Option 3 ID : **4410095472963**
Option 4 ID : **4410095472960**
Status : **Answered**
Chosen Option : **B**

Q.60 Six people C, D, E, O, P and Q are sitting in a row facing north. Only two people sit to the left of Q. Only two people sit between Q and O. P sits second to the left of O. Only one person sits between P and E. D sits at some place to the left of C. How many people sit to the right of D?

Ans
✗ A. Four
✗ B. Three
✓ C. Five
✗ D. Two

Question ID : **441009787839**
Option 1 ID : **4410093105357**
Option 2 ID : **4410093105356**
Option 3 ID : **4410093105358**
Option 4 ID : **4410093105355**
Status : **Answered**
Chosen Option : **C**

Q.61 What should come in place of ? in the given series based on the English alphabetical order?
YDB UHE QLH MPK ?

Ans
✓ A. ITN
✗ B. NTO
✗ C. OPS
✗ D. NTL

Question ID : **4410091501158**
Option 1 ID : **4410095942123**
Option 2 ID : **4410095942124**
Option 3 ID : **4410095942125**
Option 4 ID : **4410095942122**
Status : **Answered**
Chosen Option : **A**

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Q.62 How many meaningful five-letter English words can be formed using O, N, W, M and A using all the letters but each letter only once in each word?

Ans
✗ A. None
✓ B. One
✗ C. More than two
✗ D. Two

Question ID : **441009971730**
Option 1 ID : **4410093839977**
Option 2 ID : **4410093839978**
Option 3 ID : **4410093839980**
Option 4 ID : **4410093839979**
Status : **Answered**
Chosen Option : **B**

Q.63 KG 1 is related to MH 4 in a certain way. In the same way, OQ 9 is related to QR 12. To which of the given options is SM 5 related, following the same logic?

Ans
✗ A. NQ 12
✗ B. OP 14
✗ C. NP 14
✓ D. UN 8

Question ID : **4410091149135**
Option 1 ID : **4410094531498**
Option 2 ID : **4410094531496**
Option 3 ID : **4410094531499**
Option 4 ID : **4410094531497**
Status : **Answered**
Chosen Option : **D**

Q.64 Refer to the given letter and symbol series and answer the question that follows.

(Left) L P # & M N + A S $ % @ H J L P @ & X ? W B H P L & + X Z F % ? W @ P L (Right)

If all the symbols are dropped, then how many letters are there in the English alphabetical series between the letter that is fourth from the right end and the letter that is fourth from the left end of the series?

Ans
✓ A. 7
✗ B. 10
✗ C. 5
✗ D. 8

Question ID : **441009785117**
Option 1 ID : **4410093094472**
Option 2 ID : **4410093094474**
Option 3 ID : **4410093094471**
Option 4 ID : **4410093094473**
Status : **Answered**
Chosen Option : **A**

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Q.65 In a class of 27 students, Neha is ranked 6th from the top. What is her rank from the bottom?

Ans
✔ A. 22nd
✘ B. 23rd
✘ C. 20th
✘ D. 21st

Question ID : **4410091624458**
Option 1 ID : **4410096416377**
Option 2 ID : **4410096416378**
Option 3 ID : **4410096416376**
Option 4 ID : **4410096416375**
Status : **Answered**
Chosen Option : **A**

Q.66 This question is based on the given words.

RED BUS HOP FIT

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✘ A. Four
✘ B. Two
✘ C. None
✔ D. One

Question ID : **4410091988811**
Option 1 ID : **4410097833020**
Option 2 ID : **4410097833019**
Option 3 ID : **4410097833017**
Option 4 ID : **4410097833018**
Status : **Answered**
Chosen Option : **D**

Q.67 What should come in place of the question mark (?) in the given series?

185 210 246 295 359 ?

Ans
✘ A. 433
✘ B. 411
✘ C. 401
✔ D. 440

Question ID : **4410091987847**
Option 1 ID : **4410097829170**
Option 2 ID : **4410097829168**
Option 3 ID : **4410097829167**
Option 4 ID : **4410097829169**
Status : **Answered**
Chosen Option : **D**

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Q.68 Amit is standing in a row of 35 people facing north. He is 10th from the left end. If Sunil stands 5th to the left of Amit, what is Sunil's position from the left end?

Ans
✗ A. 11th
✗ B. 6th
✓ C. 5th
✗ D. 8th

Question ID : **4410091624453**
Option 1 ID : **4410096416356**
Option 2 ID : **4410096416357**
Option 3 ID : **4410096416355**
Option 4 ID : **4410096416358**
Status : **Answered**
Chosen Option : **C**

Q.69 The position(s) of how many letters will remain unchanged if each of the letters in the word BYCEPAL is arranged in the English alphabetical order?

Ans
✗ A. None
✗ B. Three
✗ C. One
✓ D. Two

Question ID : **4410091028490**
Option 1 ID : **4410094065610**
Option 2 ID : **4410094065613**
Option 3 ID : **4410094065611**
Option 4 ID : **4410094065612**
Status : **Answered**
Chosen Option : **D**

Q.70 This question is based on the following words.

FUN TOP MIX LED

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. Three
✗ B. One
✗ C. None
✓ D. Two

Question ID : **4410091613769**
Option 1 ID : **4410096373909**
Option 2 ID : **4410096373907**
Option 3 ID : **4410096373906**
Option 4 ID : **4410096373908**
Status : **Answered**
Chosen Option : **D**

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Q.71 If + means - , - means × , × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?
68 - 2 ÷ 21 + 63 × 9 = ?

Ans
✗ A. 170
✗ B. 160
✗ C. 140
✓ D. 150

Question ID : **4410091495058**
Option 1 ID : **4410095915385**
Option 2 ID : **4410095915384**
Option 3 ID : **4410095915382**
Option 4 ID : **4410095915383**
Status : **Answered**
Chosen Option : **D**

Q.72 Refer to the given letter, number and symbol series and answer the question that follows. Counting to be done from left to right.

(Left) H 5 K & D # 6 G 7 A L % J Q 4 B F 9 @ Y 2 P S 8 C (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by a number?

Ans
✓ A. One
✗ B. Two
✗ C. Three
✗ D. Four

Question ID : **4410091292298**
Option 1 ID : **4410095101284**
Option 2 ID : **4410095101285**
Option 3 ID : **4410095101286**
Option 4 ID : **4410095101287**
Status : **Answered**
Chosen Option : **A**

Q.73 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) B G P W P Z L Q J K V I V Z E R I F F M I (Right)

How many such consonants are there each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✗ A. Four
✗ B. One
✗ C. Two
✓ D. Three

Question ID : **4410091247981**
Option 1 ID : **4410094925107**
Option 2 ID : **4410094925110**
Option 3 ID : **4410094925109**
Option 4 ID : **4410094925108**
Status : **Answered**
Chosen Option : **D**

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Q.74 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: VWS :: YZV : %

Ans
- ✔ A. # = WXT , % = XYU
- ✘ B. # = WZV , % = XYU
- ✘ C. # = WXT , % = XXV
- ✘ D. # = WXS , % = WXT

Question ID : **4410097613 00**
Option 1 ID : **4410092999193**
Option 2 ID : **4410092999195**
Option 3 ID : **4410092999194**
Option 4 ID : **4410092999196**
Status : **Answered**
Chosen Option : **A**

Q.75 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. ECZ
- ✘ B. RPM
- ✘ C. JHE
- ✔ D. DBX

Question ID : **4410091367350**
Option 1 ID : **4410095400848**
Option 2 ID : **4410095400847**
Option 3 ID : **4410095400845**
Option 4 ID : **4410095400846**
Status : **Answered**
Chosen Option : **D**

Q.76 RKZG is related to MEUA in a certain way based on the English alphabetical order. In the same way, JNCL is related to EHXF. To which of the following is ADMQ related to, following the same logic?

Ans
- ✔ A. VXHK
- ✘ B. WYIJ
- ✘ C. VYHJ
- ✘ D. WXYK

Question ID : **4410091652015**
Option 1 ID : **4410096523942**
Option 2 ID : **4410096523943**
Option 3 ID : **4410096523944**
Option 4 ID : **4410096523945**
Status : **Answered**
Chosen Option : **A**

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Q.77 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. RT - WY
✗ B. KM - PR
✗ C. PR - UW
✓ D. DF - IL

Question ID : **4410092026506**
Option 1 ID : **4410097979711**
Option 2 ID : **4410097979709**
Option 3 ID : **4410097979710**
Option 4 ID : **4410097979708**
Status : **Answered**
Chosen Option : **D**

Q.78 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

8 - 10 - 12 - 24
12 - 14 - 16 - 32

Ans
✗ A. 16 - 18 - 20 - 28
✗ B. 11 - 13 - 15 - 32
✗ C. 9 - 11 - 13 - 24
✓ D. 10 - 12 - 14 - 28

Question ID : **441009591302**
Option 1 ID : **4410092320324**
Option 2 ID : **4410092320323**
Option 3 ID : **4410092320321**
Option 4 ID : **4410092320322**
Status : **Answered**
Chosen Option : **D**

Q.79 A, B, C, D, E, and F are sitting in a circle, facing the center.
D sits to the immediate left of F. B sits third to the right of D. Only two people sit between E and C when counted from the left of E. A is the immediate neighbor of E.
How many people sit between F and B when counted from the left of B?

Ans
✓ A. One
✗ B. Three
✗ C. None
✗ D. Two

Question ID : **4410091599654**
Option 1 ID : **4410096318386**
Option 2 ID : **4410096318383**
Option 3 ID : **4410096318385**
Option 4 ID : **4410096318384**
Status : **Answered**
Chosen Option : **A**

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Q.80 K is married to M. E is the mother of V. T is married to E. M is the sister of V. How is T related to K?

Ans

✗ A. Sister's husband

✗ B. Husband's mother

✓ C. Wife's father

✗ D. Wife's sister

Question ID : **4410091444951**
Option 1 ID : **4410095708400**
Option 2 ID : **4410095708398**
Option 3 ID : **4410095708397**
Option 4 ID : **4410095708399**
Status : **Answered**
Chosen Option : **C**

Section : **General Awareness and Current Affairs**

Q.81 The Jan Vishwas (Amendment of Provisions) Bill, 2026, targets 784 provisions across 79 Central Acts. What is the primary legal mechanism proposed by this Bill to simplify regulatory compliance?

Ans

✓ A. It swaps criminal charges for civil penalties.

✗ B. It waives all minor monetary penalties.

✗ C. It hands law enforcement to state police.

✗ D. It moves all disputes to higher courts.

Question ID : **4410092009303**
Option 1 ID : **4410097912484**
Option 2 ID : **4410097912482**
Option 3 ID : **4410097912483**
Option 4 ID : **4410097912485**
Status : **Marked For Review**
Chosen Option : **B**

Q.82 Which of the following sportspersons was awarded the Padma Shri award 2026 as a para-athlete?

Ans

✗ A. K. Pajanivel

✗ B. Rohit Sharma

✗ C. Savita Punia

✓ D. Praveen Kumar

Question ID : **4410092065998**
Option 1 ID : **4410098133444**
Option 2 ID : **4410098133445**
Option 3 ID : **4410098133442**
Option 4 ID : **4410098133443**
Status : **Marked For Review**
Chosen Option : **A**

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Q.83 In March 2026, which organization was replaced by the National Dental Commission (NDC) in India as part of recent reforms?

Ans

✗ A. Dental Board of India

✓ B. Dental Council of India

✗ C. Indian Dental Association

✗ D. National Dental Authority

Question ID : **4410092158951**
Option 1 ID : **4410098496446**
Option 2 ID : **4410098496444**
Option 3 ID : **4410098496443**
Option 4 ID : **4410098496445**
Status : **Not Answered**
Chosen Option : **--**

Q.84 During the National Conclave on "Minorities Welfare Inclusive Development through AI for Viksit Bharat" held on 14th May, 2026, which primary technological driver did the ministry seek to integrate into welfare programs?

Ans

✗ A. Blockchain ledger security networks

✓ B. Artificial Intelligence (AI) solutions

✗ C. Geospatial remote sensing satellites

✗ D. Quantum computing network nodes

Question ID : **4410092009321**
Option 1 ID : **4410097912554**
Option 2 ID : **4410097912555**
Option 3 ID : **4410097912556**
Option 4 ID : **4410097912557**
Status : **Answered**
Chosen Option : **B**

Q.85 The ICC Men's T20 World Cup 2026 was jointly hosted by which of the following countries?

Ans

✓ A. India and Sri Lanka

✗ B. Pakistan and Sri Lanka

✗ C. Pakistan and United Arab Emirates

✗ D. Pakistan and Bangladesh

Question ID : **4410092079605**
Option 1 ID : **4410098186701**
Option 2 ID : **4410098186704**
Option 3 ID : **4410098186702**
Option 4 ID : **4410098186703**
Status : **Answered**
Chosen Option : **A**

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Q.86 Which boxer secured gold in the women's 51 kg category at the World Boxing Futures Cup 2026?

Ans

✔ A. Chandrika Pujari

✘ B. Radhamani Longjam

✘ C. Nitu Ghanghas

✘ D. Lovlina Borgohain

Question ID : **4410092077241**
Option 1 ID : **4410098177377**
Option 2 ID : **4410098177374**
Option 3 ID : **4410098177376**
Option 4 ID : **4410098177375**
Status : **Answered**
Chosen Option : **D**

Q.87 Which two countries adopted the Rule of Implementation of the Joint Crediting Mechanism under Article 6.2 of the Paris Agreement in June 2026?

Ans

✘ A. Japan and France

✘ B. India and France

✔ C. India and Japan

✘ D. India and Brazil

Question ID : **4410092157528**
Option 1 ID : **4410098491260**
Option 2 ID : **4410098491261**
Option 3 ID : **4410098491259**
Option 4 ID : **4410098491262**
Status : **Answered**
Chosen Option : **B**

Q.88 Who created IPL history by becoming the Indian batter with the most sixes in a single season in May 2026?

Ans

✘ A. Ishan Kishan

✘ B. Abhishek Sharma

✘ C. Priyansh Arya

✔ D. Vaibhav Sooryavanshi

Question ID : **4410092084339**
Option 1 ID : **4410098205466**
Option 2 ID : **4410098205463**
Option 3 ID : **4410098205465**
Option 4 ID : **4410098205464**
Status : **Answered**
Chosen Option : **D**

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Q.89 Which ministry of the Government of India released the Thematic SDG Bulletin – 'Planet in Focus: Advancing Environmental Sustainability under the SDGs' in March 2026?

Ans

✗ A. Ministry of Panchayati Raj

✗ B. Ministry of Rural Development

✗ C. Ministry of Environment, Forest and Climate Change

✓ D. Ministry of Statistics and Programme Implementation

Question ID : **4410092158848**
Option 1 ID : **4410098496282**
Option 2 ID : **4410098496280**
Option 3 ID : **4410098496281**
Option 4 ID : **4410098496279**
Status : **Answered**
Chosen Option : **C**

Q.90 In January 2026, the Economic Survey 2025–26 was presented in Parliament before which event?

Ans

✗ A. Release of Census Report

✗ B. Publication of Labour Survey

✓ C. Presentation of Union Budget

✗ D. Announcement of Monetary Policy

Question ID : **4410092008870**
Option 1 ID : **4410097910756**
Option 2 ID : **4410097910757**
Option 3 ID : **4410097910754**
Option 4 ID : **4410097910755**
Status : **Answered**
Chosen Option : **C**

Q.91 What is the official name of the new road safety welfare initiative launched by the government in February 2026 under S.O. 952(E)?

Ans

✗ A. PM-SURAKSHA

✗ B. PM-UPCHAAR

✗ C. PM-KAVACH

✓ D. PM-RAHAT

Question ID : **4410092009301**
Option 1 ID : **4410097912474**
Option 2 ID : **4410097912477**
Option 3 ID : **4410097912476**
Option 4 ID : **4410097912475**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.92 In which city did Indian Railways inaugurate the CHIRAG Centre in May 2026 to modernise HR governance through AI?

Ans

✗ A. Kanpur

✗ B. Kolkata

✗ C. Bhopal

✓ D. Hyderabad

Question ID : **4410092092793**
Option 1 ID : **4410098239164**
Option 2 ID : **4410098239167**
Option 3 ID : **4410098239165**
Option 4 ID : **4410098239166**
Status : **Not Answered**
Chosen Option : **--**

Q.93 In February 2026, which country hosted the 13th Asia-Pacific Forum on Sustainable Development (APFSD)?

Ans

✓ A. Thailand

✗ B. Indonesia

✗ C. Japan

✗ D. India

Question ID : **4410092106310**
Option 1 ID : **4410098292127**
Option 2 ID : **4410098292128**
Option 3 ID : **4410098292130**
Option 4 ID : **4410098292129**
Status : **Not Answered**
Chosen Option : **--**

Q.94 What is the name of the indigenous missile whose final trials was successfully completed in both air-to-ground and air-to-air modes by DRDO in May 2026?

Ans

✗ A. ULPGM-V2

✗ B. ULPGM-V5

✓ C. ULPGM-V3

✗ D. ULPGM-V4

Question ID : **4410092102590**
Option 1 ID : **4410098277377**
Option 2 ID : **4410098277379**
Option 3 ID : **4410098277376**
Option 4 ID : **4410098277378**
Status : **Not Answered**
Chosen Option : **--**

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Q.95 Who is the author of the book "Tides of Time: Bharat's History through Murals in Parliament", which was launched by Vice-president of India Shri. C. P. Radhakrishnan in April 2026?

Ans

✗ A. Smt. Droupadi Murmu

✓ B. Smt. Sudha Murthy

✗ C. Shri. Robin Sharma

✗ D. Shri. Chetan Bhagat

Question ID : **4410092083827**
Option 1 ID : **4410098203495**
Option 2 ID : **4410098203496**
Option 3 ID : **4410098203498**
Option 4 ID : **4410098203497**
Status : **Answered**
Chosen Option : **B**

Q.96 According to the TIME100 list of the 100 Most Influential People of 2026, which individual appeared on the list for the most times — making his 14th appearnce?

Ans

✗ A. Sundar Pichai

✗ B. Donald Trump

✗ C. Benjamin Netanyahu

✓ D. Xi Jinping

Question ID : **4410092009015**
Option 1 ID : **4410097911337**
Option 2 ID : **4410097911334**
Option 3 ID : **4410097911335**
Option 4 ID : **4410097911336**
Status : **Not Answered**
Chosen Option : **--**

Q.97 In the Union Budget 2026–27, a provision of ₹1,000 crore was made for the India Semiconductor Mission (ISM) 2.0 with a strong emphasis on which of the following?

Ans

✓ A. Drive industry-led research and training centres

✗ B. Increase subsidies for mineral exports

✗ C. Expand public sector manufacturing units

✗ D. Promote foreign direct investment in mining

Question ID : **4410091732531**
Option 1 ID : **4410096832448**
Option 2 ID : **4410096832449**
Option 3 ID : **4410096832446**
Option 4 ID : **4410096832447**
Status : **Answered**
Chosen Option : **A**

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Q.98 In May 2026 which organizations conducted the maiden flight-trial of the Tactical Advanced Range Augmentation (TARA) weapon?

Ans

✗ A. Indian Air Force and Bharat Dynamics Limited

✓ B. Defence Research and Development Organisation and Indian Air Force

✗ C. Indian Navy and Defence Research and Development Organisation

✗ D. Indian Army and Defence Research and Development Organisation

Question ID : **4410092148715**
Option 1 ID : **4410098457393**
Option 2 ID : **4410098457394**
Option 3 ID : **4410098457392**
Option 4 ID : **4410098457395**
Status : **Marked For Review**
Chosen Option : **B**

Q.99 In a unique move to combat bribery in public offices, which state government launched 'Project Zero' in May 2026, offering a cash reward to citizens who submit visual evidence of bribe demands?

Ans

✗ A. Karnataka

✗ B. Maharashtra

✓ C. Kerala

✗ D. Tamil Nadu

Question ID : **4410092008768**
Option 1 ID : **4410097910348**
Option 2 ID : **4410097910347**
Option 3 ID : **4410097910349**
Option 4 ID : **4410097910346**
Status : **Answered**
Chosen Option : **C**

Q.100 Which Indian politician in May 2026 received the prestigious Food and Agriculture Organization (FAO) Agricola Medal in Rome for their contributions to sustainable agriculture?

Ans

✗ A. Droupadi Murmu

✓ B. Narendra Modi

✗ C. Chandrababu Naidu

✗ D. Amit Shah

Question ID : **4410092083805**
Option 1 ID : **4410098203409**
Option 2 ID : **4410098203408**
Option 3 ID : **4410098203410**
Option 4 ID : **4410098203407**
Status : **Not Answered**
Chosen Option : **--**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	Q92510368776
Roll Number	249254240213603
Candidate Name	MOHAMMED TABREZ MOHAMMED NAEEM
Community	OBC NCL
Test Center Name	iON DIGITAL Zone iDZ Vishnupuri
Test Date	04/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

Q.1 Which of the following is the purest form of iron?

Ans ✔ A. Wrought iron

✘ B. Hard steel

✘ C. Limonite

✘ D. Stainless steel

Question ID : **4410091049188**
Option 1 ID : **4410094145842**
Option 2 ID : **4410094145840**
Option 3 ID : **4410094145841**
Option 4 ID : **4410094145839**
Status : **Not Answered**
Chosen Option : **--**

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Q.2 Which of the following is used as a preservative in pickles?

Ans
✗ A. 5-8% solution of ethanol in water
✗ B. 5-8% solution of acetic anhydride in water
✗ C. 5-8% solution of cinnamic in water
✓ D. 5-8% solution of acetic acid in water

Question ID : **441009980140**
Option 1 ID : **4410093873072**
Option 2 ID : **4410093873070**
Option 3 ID : **4410093873073**
Option 4 ID : **4410093873071**
Status : **Not Answered**
Chosen Option : **--**

Q.3 Complete the analogy.

Xylem : Water Transport :: Phloem : _____.

Ans
✓ A. Food Transport
✗ B. Mechanical Strength
✗ C. Gas Exchange
✗ D. Protection from Microbes

Question ID : **4410091974884**
Option 1 ID : **4410097778389**
Option 2 ID : **4410097778391**
Option 3 ID : **4410097778388**
Option 4 ID : **4410097778390**
Status : **Answered**
Chosen Option : **A**

Q.4 According to the work–energy theorem, if the net work done on an object is zero, then its kinetic energy _____.

Ans
✗ A. Decreases continuously
✗ B. Becomes zero
✓ C. Remains unchanged
✗ D. Increases continuously

Question ID : **4410092046288**
Option 1 ID : **4410098057226**
Option 2 ID : **4410098057228**
Option 3 ID : **4410098057227**
Option 4 ID : **4410098057225**
Status : **Not Answered**
Chosen Option : **--**

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Q.5 **In a habitat recently affected by drought, which feature would most likely allow gymnosperms to persist when other plants fail?**

Ans

✗ A. Fruits improve seed dispersal in water

✗ B. Flowers attract diverse pollinators

✗ C. Aquatic fertilisation ensures survival

✓ D. Needle-like leaves prevent water loss

Question ID : **4410091993333**
Option 1 ID : **4410097850880**
Option 2 ID : **4410097850877**
Option 3 ID : **4410097850879**
Option 4 ID : **4410097850878**
Status : **Answered**
Chosen Option : **C**

Q.6 **A ray of light enters a rectangular glass slab from air at an angle of 40 degrees to the normal. If the refractive index of glass with respect to air is 1.5 and the velocity of light in air is 3 x 10^8 m/s, what is the velocity of light inside the glass slab?**

Ans

✗ A. 2.25 x 10^8 m/s

✓ B. 2 x 10^8 m/s

✗ C. 2.5 x 10^8 m/s

✗ D. 1.5 x 10^8 m/s

Question ID : **4410092046382**
Option 1 ID : **4410098057597**
Option 2 ID : **4410098057598**
Option 3 ID : **4410098057599**
Option 4 ID : **4410098057600**
Status : **Answered**
Chosen Option : **B**

Q.7 **Since plants prepare their own food using sunlight, they do not require a digestive organ like a stomach. Instead, they possess tissues specialized for ____.**

Ans

✓ A. Photosynthesis

✗ B. Thinking

✗ C. Running

✗ D. Digestion

Question ID : **4410091974910**
Option 1 ID : **4410097778495**
Option 2 ID : **4410097778494**
Option 3 ID : **4410097778492**
Option 4 ID : **4410097778493**
Status : **Answered**
Chosen Option : **A**

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Q.8 Which of the following describes the rate at which an object changes its velocity?

Ans
✗ A. Distance
✗ B. Speed
✓ C. Acceleration
✗ D. Displacement

Question ID : **4410092046190**
Option 1 ID : **4410098056834**
Option 2 ID : **4410098056835**
Option 3 ID : **4410098056833**
Option 4 ID : **4410098056836**
Status : **Answered**
Chosen Option : **C**

Q.9 Which of the following is the carbon allotrope having a tetrahedral structure?

Ans
✗ A. Graphene
✗ B. Graphite
✓ C. Diamond
✗ D. Fullerene

Question ID : **44100961521**
Option 1 ID : **441009245117**
Option 2 ID : **441009245115**
Option 3 ID : **441009245114**
Option 4 ID : **441009245116**
Status : **Answered**
Chosen Option : **A**

Q.10 Match the compound to its respective mass ratio by elements from the table given below.

Compound	Mass Ratio by Elements
1. Water (H_2O)	A. 1 : 8
2. Carbon dioxide (CO_2)	B. 14 : 3
3. Ammonia (NH_3)	C. 3 : 8
4. Sulphur dioxide (SO_2)	D. 1 : 1

Ans
✓ A. 1 → A, 2 → C, 3 → B, 4 → D
✗ B. 1 → A, 2 → D, 3 → B, 4 → C
✗ C. 1 → C, 2 → A, 3 → B, 4 → D
✗ D. 1 → A, 2 → C, 3 → D, 4 → B

Question ID : **4410091477776**
Option 1 ID : **4410095838439**
Option 2 ID : **4410095838441**
Option 3 ID : **4410095838440**
Option 4 ID : **4410095838438**
Status : **Answered**
Chosen Option : **B**

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Q.11 Why are non-biodegradable wastes considered more dangerous than biodegradable wastes?

Ans

✗ A. They release oxygen

✗ B. They increase the microbial activity

✗ C. They decompose rapidly

✓ D. They persist in the environment

Question ID : **4410091979056**
Option 1 ID : **4410097795123**
Option 2 ID : **4410097795126**
Option 3 ID : **4410097795124**
Option 4 ID : **4410097795125**
Status : **Answered**
Chosen Option : **B**

Q.12 In human beings, the respiratory pigment that carries oxygen is _____.

Ans

✗ A. insulin

✗ B. myosin

✗ C. chlorophyll

✓ D. haemoglobin

Question ID : **4410091695989**
Option 1 ID : **4410096689931**
Option 2 ID : **4410096689933**
Option 3 ID : **4410096689932**
Option 4 ID : **4410096689930**
Status : **Answered**
Chosen Option : **D**

Q.13 Which defect occurs when the eye lens loses its ability to focus on near objects due to decreased flexibility?

Ans

✓ A. Presbyopia results from reduced lens flexibility

✗ B. Myopia results from reduced lens flexibility

✗ C. Astigmatism results from reduced lens flexibility

✗ D. Hypermetropia results from reduced lens flexibility

Question ID : **4410092046229**
Option 1 ID : **4410098056990**
Option 2 ID : **4410098056989**
Option 3 ID : **4410098056991**
Option 4 ID : **4410098056992**
Status : **Answered**
Chosen Option : **B**

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Q.14 A car with a mass of 1000 kg is moving at a speed of 25 m/s. If the driver applies the brakes and brings the car to a stop, how much kinetic energy is lost during this process?

Ans

✗ A. 12500 J

✗ B. 625000 J

✓ C. 312500 J

✗ D. 25000 J

Question ID : **4410092046034**
Option 1 ID : **4410098056209**
Option 2 ID : **4410098056211**
Option 3 ID : **4410098056212**
Option 4 ID : **4410098056210**
Status : **Answered**
Chosen Option : **D**

Q.15 What happens when white light passes through a glass prism?

Ans

✗ A. It becomes invisible

✗ B. It recombines into white light

✓ C. It splits into a band of seven colours

✗ D. It changes into a single colour

Question ID : **4410092046233**
Option 1 ID : **4410098057007**
Option 2 ID : **4410098057006**
Option 3 ID : **4410098057005**
Option 4 ID : **4410098057008**
Status : **Answered**
Chosen Option : **C**

Q.16 If hydrochloric acid (HCl) reacts with sodium hydroxide (NaOH), which ions from each reactant participate in forming water?

Ans

✗ A. Cl-(aq) from HCl and Na+(aq) from NaOH

✗ B. H+(aq) from NaOH and OH-(aq) from HCl

✗ C. Na+(aq) from NaOH and Cl-(aq) from HCl

✓ D. H+(aq) from HCl and OH-(aq) from NaOH

Question ID : **4410091721174**
Option 1 ID : **4410096787939**
Option 2 ID : **4410096787938**
Option 3 ID : **4410096787941**
Option 4 ID : **4410096787940**
Status : **Answered**
Chosen Option : **B**

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Q.17 What is the function of the cartridge (such as porcelain) encasing the fuse wire?

Ans

✗ A. To act as a heat sink for the fuse

✗ B. To improve the fuse's electrical conduction

✗ C. To increase the current flow through the fuse

✓ D. To safely contain the melted fuse wire and prevent hazards

Question ID : **4410092045837**
Option 1 ID : **4410098055422**
Option 2 ID : **4410098055423**
Option 3 ID : **4410098055424**
Option 4 ID : **4410098055421**
Status : **Answered**
Chosen Option : **D**

Q.18 Which storage condition slows rancidity most effectively in edible oils and fats?

Ans

✗ A. Keeping under sunlight

✗ B. Repeated heating of food

✓ C. Storing in airtight containers

✗ D. Mixing food with water

Question ID : **4410091704476**
Option 1 ID : **4410096722967**
Option 2 ID : **4410096722968**
Option 3 ID : **4410096722966**
Option 4 ID : **4410096722969**
Status : **Answered**
Chosen Option : **C**

Q.19 If 25 g of salt is dissolved in 175 g of water, what is the concentration of the solution in mass percentage?

Ans

✗ A. 15%

✓ B. 12.5%

✗ C. 10%

✗ D. 18%

Question ID : **4410091449987**
Option 1 ID : **4410095728450**
Option 2 ID : **4410095728449**
Option 3 ID : **4410095728448**
Option 4 ID : **4410095728451**
Status : **Answered**
Chosen Option : **C**

Q.20 Which gas is essential for aerobic respiration in animals?

Ans

✗ A. Hydrogen

✓ B. Oxygen

✗ C. Carbon dioxide

✗ D. Nitrogen

Question ID : **4410091978930**
Option 1 ID : **4410097794622**
Option 2 ID : **4410097794621**
Option 3 ID : **4410097794620**
Option 4 ID : **4410097794619**
Status : **Answered**
Chosen Option : **B**

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Q.21 What does the given symbol represent in an electric circuit diagram?



Ans

✗ A. Variable resistance

✓ B. A wire joint

✗ C. Plug key or switch

✗ D. Wires crossing without joining

Question ID : **4410091230128**
Option 1 ID : **4410094853991**
Option 2 ID : **4410094853990**
Option 3 ID : **4410094853989**
Option 4 ID : **4410094853988**
Status : **Answered**
Chosen Option : **D**

Q.22 Which of the following best describes a molecule of a compound?

Ans

✗ A. A group of atoms of the same element

✗ B. A molecule formed by atoms in any variable ratio

✓ C. A molecule formed by the chemical combination of different elements in a fixed ratio

✗ D. A physical mixture of atoms

Question ID : **4410091691133**
Option 1 ID : **4410096670739**
Option 2 ID : **4410096670741**
Option 3 ID : **4410096670738**
Option 4 ID : **4410096670740**
Status : **Answered**
Chosen Option : **C**

Q.23 Match 'Column A' with 'Column B' in context of the muscular layers in blood vessels.

	Column A		Column B
(a)	Thick tunica media	(i)	Vein
(b)	Smallest vessel diameter	(ii)	Artery
(c)	Large lumen	(iii)	Capillary
(d)	Endothelium	(iv)	All blood vessels

Ans

✗ A. a–iii, b–ii, c–i, d–iv

✗ B. a–i, b–ii, c–iv, d–iii

✗ C. a–ii, b–iv, c–i, d–iii

✓ D. a–ii, b–iii, c–i, d–iv

Question ID : **4410091645515**
Option 1 ID : **4410096498593**
Option 2 ID : **4410096498591**
Option 3 ID : **4410096498592**
Option 4 ID : **4410096498590**
Status : **Answered**
Chosen Option : **B**

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Q.24 Two aquatic animals: one has pores for water flow, the other uses tentacles to capture prey. Which key structural difference explains their feeding strategies?

Ans

✔ A. Presence of tissues in the tentacled animal

✘ B. Presence of a hard skeleton in the tentacled animal

✘ C. Segmentation in both animals

✘ D. Bilateral symmetry in the pore-bearing animal

Question ID : **4410091993648**
Option 1 ID : **4410097852135**
Option 2 ID : **4410097852134**
Option 3 ID : **4410097852136**
Option 4 ID : **4410097852133**
Status : **Answered**
Chosen Option : **B**

Q.25 Which statement best describes uniform circular motion in the context of motion and force?

Ans

✘ A. An object moves in a straight line at changing speed.

✔ B. An object moves in a circle at constant speed but its velocity changes due to change in direction.

✘ C. An object moves in a circle with both constant speed and constant direction.

✘ D. An object moves in a circle with changing speed and constant direction.

Question ID : **4410092046176**
Option 1 ID : **4410098056779**
Option 2 ID : **4410098056777**
Option 3 ID : **4410098056778**
Option 4 ID : **4410098056780**
Status : **Answered**
Chosen Option : **B**

Section : **Mathematics**

Q.26 The angles of elevation of the top of a tower from two points given on the same straight line and on the same side of the tower are 30° and 60°. If the distance between the two points is 20 m, find the height of the tower.

Ans

✘ A. 8 m

✘ B. 12 m

✘ C. $8\sqrt{3}$ m

✔ D. $10\sqrt{3}$ m

Question ID : **4410091658543**
Option 1 ID : **4410096548787**
Option 2 ID : **4410096548786**
Option 3 ID : **4410096548785**
Option 4 ID : **4410096548784**
Status : **Answered**
Chosen Option : **B**

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Q.27 A tangent is drawn to a circle of radius 12 cm from a point situated at a distance of 13 cm from the centre of the circle. The length of the tangent will be:

Ans
✗ A. 8 cm
✗ B. 6 cm
✗ C. 12 cm
✓ D. 5 cm

Question ID : **441009592277**
Option 1 ID : **4410092324228**
Option 2 ID : **4410092324227**
Option 3 ID : **4410092324225**
Option 4 ID : **4410092324226**
Status : **Answered**
Chosen Option : **A**

Q.28 Two numbers are in the ratio 2:3. If 8 is subtracted from each number, the resulting ratio becomes 1:2. What was the original larger number?

Ans
✗ A. 18
✗ B. 12
✓ C. 24
✗ D. 16

Question ID : **4410092020832**
Option 1 ID : **4410097957369**
Option 2 ID : **4410097957367**
Option 3 ID : **4410097957368**
Option 4 ID : **4410097957370**
Status : **Answered**
Chosen Option : **C**

Q.29 A dealer sells an article at a 25% profit. The buyer then sells it at a 10% loss. If the original cost price was ₹1,200, what is 40% of the final selling price of the article?

Ans
✗ A. ₹480
✓ B. ₹540
✗ C. ₹600
✗ D. ₹630

Question ID : **441009642813**
Option 1 ID : **4410092525391**
Option 2 ID : **4410092525392**
Option 3 ID : **4410092525393**
Option 4 ID : **4410092525394**
Status : **Answered**
Chosen Option : **B**

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Q.30 The distance between two cities, A and B, is 250 km. A motorcyclist starts from A towards B at 6:30 a.m. at a speed of 40 km/hr. Another motorcyclist starts from B towards A at 8:30 a.m. at a speed of 50 km/hr. At what time will they cross each other?

Ans
- ✔ A. 10:23:20 a.m.
- ✘ B. 11:33:51 a.m.
- ✘ C. 1:27:48 p.m.
- ✘ D. 2:25:24 p.m.

Question ID : **441009643439**
Option 1 ID : **4410092527946**
Option 2 ID : **4410092527949**
Option 3 ID : **4410092527947**
Option 4 ID : **4410092527948**
Status : **Answered**
Chosen Option : **B**

Q.31 Simplify: $6 \div \left[(9-6) \div \left\{(5-3) \div \left(2+\frac{8}{13}\right)\right\}\right]$

Ans
- ✘ A. $\frac{34}{13}$
- ✘ B. $\frac{13}{17}$
- ✘ C. $\frac{7}{17}$
- ✔ D. $\frac{26}{17}$

Question ID : **4410091485002**
Option 1 ID : **4410095866488**
Option 2 ID : **4410095866485**
Option 3 ID : **4410095866487**
Option 4 ID : **4410095866486**
Status : **Answered**
Chosen Option : **A**

Q.32 430 grams of sugar solution has 20% of sugar in it. How much sugar should be added to make it 50% in the solution?

Ans
- ✘ A. 248 grams
- ✘ B. 278 grams
- ✘ C. 268 grams
- ✔ D. 258 grams

Question ID : **4410091981152**
Option 1 ID : **4410097803428**
Option 2 ID : **4410097803431**
Option 3 ID : **4410097803430**
Option 4 ID : **4410097803429**
Status : **Answered**
Chosen Option : **B**

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Q.33 The compound interest on a sum for two years is ₹1,560 and the corresponding simple interest is ₹1,500. Find the compound interest on the same sum at the same rate of interest for three years.

Ans
✗ A. ₹2,245.60
✗ B. ₹2,345.30
✗ C. ₹2,466.50
✓ D. ₹2,434.80

Question ID : **4410091990228**
Option 1 ID : **4410097838647**
Option 2 ID : **4410097838648**
Option 3 ID : **4410097838646**
Option 4 ID : **4410097838645**
Status : **Answered**
Chosen Option : **C**

Q.34 Given that $69^{0.96} = x$, $69^{0.75} = y$ and $x^z = y^2$, then the value of z is close to:

Ans
✗ A. 0.85
✓ B. 1.56
✗ C. 3.48
✗ D. 2.93

Question ID : **441009536566**
Option 1 ID : **4410092101661**
Option 2 ID : **4410092101660**
Option 3 ID : **4410092101663**
Option 4 ID : **4410092101662**
Status : **Answered**
Chosen Option : **B**

Q.35 Ravi spends 80% of his monthly income. If his monthly income is ₹25,000, find his monthly savings.

Ans
✗ A. ₹6,000
✓ B. ₹5,000
✗ C. ₹7,000
✗ D. ₹4,000

Question ID : **4410091988807**
Option 1 ID : **4410097833003**
Option 2 ID : **4410097833002**
Option 3 ID : **4410097833004**
Option 4 ID : **4410097833001**
Status : **Answered**
Chosen Option : **D**

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Q.36 A spherical tank with radius 2 meters is filled with water up to three-fourths of its volume. How many cubic meters of water does it contain? (Use π = 3.14)

Ans
✗ A. 36.84
✗ B. 33.36
✗ C. 29.24
✓ D. 25.12

Question ID : **4410091859829**
Option 1 ID : **4410097329873**
Option 2 ID : **4410097329870**
Option 3 ID : **4410097329872**
Option 4 ID : **4410097329871**
Status : **Not Answered**
Chosen Option : **--**

Q.37 A boy is standing at a distance of 20 m from a tree. The angle of elevation of the top of the tree from his eyes is 45°. Find the height of the tree. (Ignore the boy's height.)

Ans
✗ A. 15 m
✓ B. 20 m
✗ C. 10 m
✗ D. 40 m

Question ID : **4410091496498**
Option 1 ID : **4410095911274**
Option 2 ID : **4410095911275**
Option 3 ID : **4410095911273**
Option 4 ID : **4410095911276**
Status : **Answered**
Chosen Option : **B**

Q.38 A cylindrical tank of radius 3.5 m and height 10 m is filled with water. The water is to be emptied into a cuboidal tank of length 7 m and breadth 5 m. Find the height of the water in the cuboidal tank after the entire water from the cylinder is poured into it. (Use π = $\frac{22}{7}$)

Ans
✗ A. 13 m
✗ B. 12 m
✓ C. 11 m
✗ D. 10 m

Question ID : **4410091496469**
Option 1 ID : **4410095911160**
Option 2 ID : **4410095911159**
Option 3 ID : **4410095911158**
Option 4 ID : **4410095911157**
Status : **Not Answered**
Chosen Option : **--**

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Q.39 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 46% and 62%, shop II allows successive discounts of 16% and 77%, shop III allows successive discounts of 74% and 54%, and shop IV allows successive discounts of 12%, 98%, and 86% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✗ A. III
✗ B. I
✗ C. II
✓ D. IV

Question ID : **441009536903**
Option 1 ID : **4410092103009**
Option 2 ID : **4410092103011**
Option 3 ID : **4410092103010**
Option 4 ID : **4410092103008**
Status : **Not Answered**
Chosen Option : **--**

Q.40 What is the value of (2x + 4y), if mean of the following distribution is 42?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	8	20	x	2	y	70

Ans
✗ A. 75
✗ B. 68
✓ C. 86
✗ D. 100

Question ID : **441009623505**
Option 1 ID : **4410092448153**
Option 2 ID : **4410092448155**
Option 3 ID : **4410092448152**
Option 4 ID : **4410092448154**
Status : **Answered**
Chosen Option : **B**

Q.41 Calculate mode from the given data.

Class Interval	0-5	5-10	10-15	15-20	20-25
Number of states	15	10	6	7	2

Ans
✗ A. 0.25
✓ B. 3.75
✗ C. 2.65
✗ D. 1.45

Question ID : **4410091988668**
Option 1 ID : **4410097832445**
Option 2 ID : **4410097832448**
Option 3 ID : **4410097832447**
Option 4 ID : **4410097832446**
Status : **Answered**
Chosen Option : **B**

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Q.42 The income of Raman is ₹61,500. He saves 17% of his income. If his income increases by 38% and expenditure increases by 20%, then his savings will:

Ans

✗ A. increase by ₹13,156

✗ B. decrease by ₹13,165

✓ C. increase by ₹13,161

✗ D. decrease by ₹13,159

Question ID : **441009562161**
Option 1 ID : **4410092203913**
Option 2 ID : **4410092203914**
Option 3 ID : **4410092203911**
Option 4 ID : **4410092203912**
Status : **Not Answered**
Chosen Option : **--**

Q.43 Pipe A can fill a tank in 4 hours, pipe B can fill the same tank in 6 hours and pipe C can fill the same tank in 12 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans

✗ A. 2

✗ B. 3

✗ C. 4

✓ D. 1

Question ID : **441009517479**
Option 1 ID : **4410092025336**
Option 2 ID : **4410092025337**
Option 3 ID : **4410092025338**
Option 4 ID : **4410092025335**
Status : **Not Answered**
Chosen Option : **--**

Q.44 A car covers the first 120 km at 40 km/hr, the next 180 km at 60 km/hr, and the last 100 km at 50 km/hr. Find the average speed of the car for the entire journey.

Ans

✗ A. 51 km/hr

✓ B. 50 km/hr

✗ C. 53 km/hr

✗ D. 55 km/hr

Question ID : **4410091470290**
Option 1 ID : **4410095809087**
Option 2 ID : **4410095809086**
Option 3 ID : **4410095809088**
Option 4 ID : **4410095809089**
Status : **Answered**
Chosen Option : **B**

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Q.45 If ₹2,500 earns a simple interest of ₹500 at a rate of 5% per annum, how long was the money invested?

Ans
- ✔ A. 4 years
- ✘ B. 5 years
- ✘ C. 6 years
- ✘ D. 3 years

Question ID : **4410091248972**
Option 1 ID : **4410094929075**
Option 2 ID : **4410094929077**
Option 3 ID : **4410094929078**
Option 4 ID : **4410094929076**
Status : **Answered**
Chosen Option : **B**

Q.46 Simplify: 0.65 ÷ 0.13 + 3.5 − 2.825

Ans
- ✘ A. 5.375
- ✘ B. 5.875
- ✔ C. 5.675
- ✘ D. 5.175

Question ID : **4410091347804**
Option 1 ID : **4410095323499**
Option 2 ID : **4410095323501**
Option 3 ID : **4410095323500**
Option 4 ID : **4410095323498**
Status : **Answered**
Chosen Option : **B**

Q.47 Find the fourth proportional to the numbers 8, 32 and 17.

Ans
- ✔ A. 68
- ✘ B. 46
- ✘ C. 58
- ✘ D. 56

Question ID : **441009102689**
Option 1 ID : **441009408778**
Option 2 ID : **441009408780**
Option 3 ID : **441009408779**
Option 4 ID : **441009408781**
Status : **Not Answered**
Chosen Option : **--**

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Q.48 A's age 6 years ago was half of what it will be 6 years from now. What is A's present age (in years)?

Ans
✗ A. 30
✗ B. 12
✗ C. 24
✓ D. 18

Question ID : **4410091023759**
Option 1 ID : **4410094046644**
Option 2 ID : **4410094046641**
Option 3 ID : **4410094046643**
Option 4 ID : **4410094046642**
Status : **Answered**
Chosen Option : **D**

Q.49 A sum of ₹60,000 amounts to ₹71,460.96 after 3 years when interest is compounded yearly. Find the annual rate of interest.

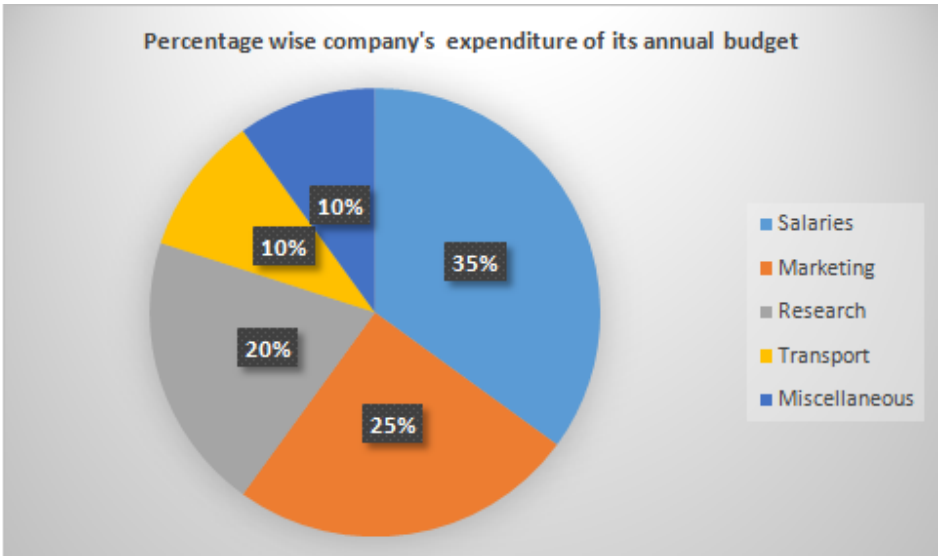
Ans
✗ A. 8 %
✓ B. 6 %
✗ C. 7 %
✗ D. 5 %

Question ID : **441009752277**
Option 1 ID : **4410092963048**
Option 2 ID : **4410092963050**
Option 3 ID : **4410092963051**
Option 4 ID : **4410092963049**
Status : **Not Answered**
Chosen Option : **--**

RAILWAY BABA

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Q.50 A company spends its annual budget in the following sectors. If total budget is ₹20,00,000, how much amount (in ₹) is spent on Research and Transport together?



Ans
✗ A. 6,50,000
✗ B. 5,00,000
✓ C. 6,00,000
✗ D. 5,50,000

Question ID : **4410091988704**
Option 1 ID : **4410097832590**
Option 2 ID : **4410097832589**
Option 3 ID : **4410097832591**
Option 4 ID : **4410097832592**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Intelligence and Reasoning**

Q.51 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. IGD
✓ B. QPL
✗ C. GEB
✗ D. OMJ

Question ID : **4410091000022**
Option 1 ID : **4410093951934**
Option 2 ID : **4410093951931**
Option 3 ID : **4410093951933**
Option 4 ID : **4410093951932**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.52 This question is based on the five, three-digit numbers given below.
(Left) 762 311 197 263 393 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE: All operations to be done from left to right.
What will be the resultant if the first digit of the lowest number is subtracted from the first digit of the highest number?

Ans
✗ A. 9
✗ B. 7
✗ C. 5
✓ D. 6

Question ID : **4410097632 17**
Option 1 ID : **4410093006864**
Option 2 ID : **4410093006863**
Option 3 ID : **4410093006862**
Option 4 ID : **4410093006861**
Status : **Answered**
Chosen Option : **D**

Q.53 What should come in place of the question mark (?) in the given series?

216 224 240 264 296 ?

Ans
✗ A. 328
✗ B. 331
✗ C. 324
✓ D. 336

Question ID : **4410091987799**
Option 1 ID : **4410097828979**
Option 2 ID : **4410097828977**
Option 3 ID : **4410097828980**
Option 4 ID : **4410097828978**
Status : **Answered**
Chosen Option : **D**

Q.54 N is the wife of Z. K is the daughter of N. Q is the mother of Z. How is Q related to K?

Ans
✓ A. Father's mother
✗ B. Son's wife
✗ C. Husband's mother
✗ D. Mother's mother

Question ID : **4410091444949**
Option 1 ID : **4410095708391**
Option 2 ID : **4410095708392**
Option 3 ID : **4410095708390**
Option 4 ID : **4410095708389**
Status : **Answered**
Chosen Option : **A**

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Q.55 In a certain code language, 'sun shines bright' is coded as 'fa lo ti' and 'moon shines too' is coded as 'za lo mn'. How is 'shines' coded in the given language? (All the codes are two-letter codes only.)

Ans
✗ A. ti
✓ B. lo
✗ C. fa
✗ D. za

Question ID : **4410091598984**
Option 1 ID : **4410096315733**
Option 2 ID : **4410096315732**
Option 3 ID : **4410096315731**
Option 4 ID : **4410096315734**
Status : **Answered**
Chosen Option : **B**

Q.56 Seven people, D, H, J, L, S, T and Y are sitting in a row, facing the north.
Only two people sit to the left of J. Only three people sit between J and Y. H sits second to the right of J. Only two people sit between H and L. S sits at some place to the right of T but at some place to the left of D.
How many people sit to the left of L?

Ans
✓ A. One
✗ B. Three
✗ C. Four
✗ D. Five

Question ID : **4410091608032**
Option 1 ID : **4410096351064**
Option 2 ID : **4410096351065**
Option 3 ID : **4410096351066**
Option 4 ID : **4410096351067**
Status : **Answered**
Chosen Option : **A**

Q.57 Each letter in the word REFLECTION is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fifth from the left and the one which is third from the right in the new letter cluster thus formed?

Ans
✓ A. 5
✗ B. 6
✗ C. 7
✗ D. 8

Question ID : **441009818279**
Option 1 ID : **4410093227239**
Option 2 ID : **4410093227240**
Option 3 ID : **4410093227241**
Option 4 ID : **4410093227242**
Status : **Not Answered**
Chosen Option : **--**

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Q.58 A, D, F, G, H and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
The product of floors on which S and F live is 20. Only 3 people live between S and A. D lives immediately below G. How many people live below G?

Ans
✔ A. 2
✘ B. 4
✘ C. 3
✘ D. 1

Question ID : **4410091462434**
Option 1 ID : **4410095777847**
Option 2 ID : **4410095777849**
Option 3 ID : **4410095777848**
Option 4 ID : **4410095777846**
Status : **Not Answered**
Chosen Option : **--**

Q.59 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1742683, how many digits will appear more than once in the new number thus formed?

Ans
✔ A. 2
✘ B. 3
✘ C. 1
✘ D. 0

Question ID : **441009556976**
Option 1 ID : **4410092183218**
Option 2 ID : **4410092183219**
Option 3 ID : **4410092183220**
Option 4 ID : **4410092183221**
Status : **Answered**
Chosen Option : **A**

Q.60 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✘ A. GJ–MP
✘ B. EH–KN
✘ C. PS–VY
✔ D. IL–NT

Question ID : **441009811964**
Option 1 ID : **4410093201981**
Option 2 ID : **4410093201980**
Option 3 ID : **4410093201982**
Option 4 ID : **4410093201979**
Status : **Answered**
Chosen Option : **D**

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Q.61 Each vowel in the word COLLAGE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fifth from the right in the new group of letters thus formed?

Ans
✗ A. M
✗ B. L
✗ C. J
✓ D. K

Question ID : **4410091001151**
Option 1 ID : **4410093956435**
Option 2 ID : **4410093956434**
Option 3 ID : **4410093956432**
Option 4 ID : **4410093956433**
Status : **Not Answered**
Chosen Option : **--**

Q.62 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N, each having a different height, which stick is the tallest?
(I) D is taller than H. H is taller than N.
(II) N is shorter than V but taller than Y.

Ans
✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not
✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
✓ D. Both statements I and II together are NOT sufficient to answer the question

Question ID : **4410091340085**
Option 1 ID : **4410095292379**
Option 2 ID : **4410095292380**
Option 3 ID : **4410095292381**
Option 4 ID : **4410095292378**
Status : **Answered**
Chosen Option : **A**

Q.63 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
No one sits to the right of P. Only three people sit between P and D. Only two people sit between D and C. E sits second to the left of O.
How many people sit between Q and E?

Ans
✗ A. One
✓ B. Two
✗ C. Three
✗ D. None

Question ID : **441009787836**
Option 1 ID : **4410093105344**
Option 2 ID : **4410093105345**
Option 3 ID : **4410093105346**
Option 4 ID : **4410093105343**
Status : **Answered**
Chosen Option : **B**

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Q.64 Apourva ranked 25th from the bottom and 21st from the top in his class. How many students are there in his class?

Ans
✔ A. 45
✘ B. 44
✘ C. 46
✘ D. 43

Question ID : **4410091463291**
Option 1 ID : **4410095781300**
Option 2 ID : **4410095781299**
Option 3 ID : **4410095781301**
Option 4 ID : **4410095781298**
Status : **Answered**
Chosen Option : **A**

Q.65 This question is based on the five, three-digit numbers given below.

(Left) 583 912 467 351 294 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What is the sum of the first digit of the lowest number and the third digit of the highest number?

Ans
✔ A. 4
✘ B. 6
✘ C. 8
✘ D. 7

Question ID : **4410091997445**
Option 1 ID : **4410097866384**
Option 2 ID : **4410097866383**
Option 3 ID : **4410097866381**
Option 4 ID : **4410097866382**
Status : **Answered**
Chosen Option : **A**

Q.66 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some moons are stars. Some moons are white.
Conclusion (I): At least some whites are stars.
Conclusion (II): Some whites are moons.

Ans
✘ A. Both conclusions (I) and (II) follow
✔ B. Only conclusion (II) follows
✘ C. Only conclusion (I) follows
✘ D. Both conclusions (I) and (II) do not follow

Question ID : **441009879990**
Option 1 ID : **4410093473615**
Option 2 ID : **4410093473614**
Option 3 ID : **4410093473613**
Option 4 ID : **4410093473616**
Status : **Answered**
Chosen Option : **B**

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Q.67 In a certain code language,
'A # B' means 'A is the son of B',
'A % B' means 'A is the brother of B',
'A − B' means 'A is the wife of B' and
'A @ B' means 'A is the father of B'.

How is S related to U if 'S # M @ H % Y − U'?

Ans
✗ A. Father
✗ B. Brother
✓ C. Wife's brother
✗ D. Wife's father

Question ID : **4410091148722**
Option 1 ID : **4410094529846**
Option 2 ID : **4410094529847**
Option 3 ID : **4410094529844**
Option 4 ID : **4410094529845**
Status : **Answered**
Chosen Option : **C**

Q.68 What should come in place of ? in the given series based on the English alphabetical order?
BLQ EQP HVO KAN ?

Ans
✗ A. OPM
✓ B. NFM
✗ C. MEP
✗ D. MFN

Question ID : **4410091501149**
Option 1 ID : **4410095941604**
Option 2 ID : **4410095941605**
Option 3 ID : **4410095941603**
Option 4 ID : **4410095941602**
Status : **Answered**
Chosen Option : **B**

Q.69 What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?

15 − 2 ÷ 48 × 24 + 24 = ?

Ans
✓ A. −5
✗ B. −4
✗ C. −3
✗ D. −7

Question ID : **441009556951**
Option 1 ID : **4410092183118**
Option 2 ID : **4410092183121**
Option 3 ID : **4410092183119**
Option 4 ID : **4410092183120**
Status : **Answered**
Chosen Option : **A**

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Q.70 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 4 2 @ 5 % 9 8 + 3 6 @ 1 5 ! # ^ 7 @ # 5 & ? 9 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
- ✔ A. 3
- ✘ B. 5
- ✘ C. 7
- ✘ D. 1

Question ID : **4410095795723**
Option 1 ID : **4410093136891**
Option 2 ID : **4410093136892**
Option 3 ID : **4410093136894**
Option 4 ID : **4410093136893**
Status : **Answered**
Chosen Option : **C**

Q.71 68 is related to 34 following a certain logic. Following the same logic, 84 is related to 42. To which of the given options is 56 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✘ A. 36
- ✘ B. 24
- ✔ C. 28
- ✘ D. 32

Question ID : **4410091990859**
Option 1 ID : **4410097841057**
Option 2 ID : **4410097841060**
Option 3 ID : **4410097841058**
Option 4 ID : **4410097841059**
Status : **Answered**
Chosen Option : **C**

Q.72 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) U R M B G C H O Y A I E P I G U Q U Q (Right)

How many such vowels are there each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
- ✔ A. One
- ✘ B. Three
- ✘ C. Four
- ✘ D. Two

Question ID : **4410091247187**
Option 1 ID : **4410094921969**
Option 2 ID : **4410094921971**
Option 3 ID : **4410094921972**
Option 4 ID : **4410094921970**
Status : **Answered**
Chosen Option : **B**

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Q.73 If '+' means 'subtraction', '−' means multiplication, '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

88 × 4 + 7 − 2 ÷ 6 = ?

Ans
✔ A. 14
✘ B. 10
✘ C. 22
✘ D. 17

Question ID : **4410091125111**
Option 1 ID : **4410094435988**
Option 2 ID : **4410094435987**
Option 3 ID : **4410094435990**
Option 4 ID : **4410094435989**
Status : **Answered**
Chosen Option : **A**

Q.74 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
5 - 27
7 - 51

Ans
✘ A. 45 - 70
✘ B. 3 - 12
✘ C. 9 - 85
✔ D. 1 - 3

Question ID : **441009591342**
Option 1 ID : **4410092320483**
Option 2 ID : **4410092320484**
Option 3 ID : **4410092320482**
Option 4 ID : **4410092320481**
Status : **Answered**
Chosen Option : **D**

Q.75 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

RJP : UHR
MLM : PJO

Ans
✘ A. PLL : SJM
✘ B. GRI : JOK
✘ C. WKT : ZIU
✔ D. JVI : MTK

Question ID : **4410091598322**
Option 1 ID : **4410096313230**
Option 2 ID : **4410096313229**
Option 3 ID : **4410096313227**
Option 4 ID : **4410096313228**
Status : **Answered**
Chosen Option : **A**

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Q.76 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) Y U A J K Y M Y Y P K Z M U V G I A O (Right)

How many such consonants are there each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✗ A. One
✗ B. Three
✓ C. Two
✗ D. Four

Question ID : **4410091247181**
Option 1 ID : **4410094921945**
Option 2 ID : **4410094921947**
Option 3 ID : **4410094921946**
Option 4 ID : **4410094921948**
Status : **Answered**
Chosen Option : **A**

Q.77 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 poles, D,R,C,Z and Y each having a different height, which pole is the tallest?
(I) R is shorter than D but taller than C
(II) Z is taller than Y

Ans
✗ A. Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
✗ B. Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
✗ C. Each statement alone is sufficient to answer the question.
✓ D. Both statements (I) and (II) together are NOT sufficient to answer the question, but neither alone is sufficient.

Question ID : **4410091614693**
Option 1 ID : **4410096377578**
Option 2 ID : **4410096377577**
Option 3 ID : **4410096377580**
Option 4 ID : **4410096377579**
Status : **Answered**
Chosen Option : **D**

Q.78 DJ 14 is related to JP 16 in a certain way. In the same way, PM 11 is related to VS 13. To which of the given options is HF 17 related, following the same logic?

Ans
✗ A. NO 15
✓ B. NL 19
✗ C. NK 15
✗ D. NS 12

Question ID : **4410091149113**
Option 1 ID : **4410094531411**
Option 2 ID : **4410094531410**
Option 3 ID : **4410094531408**
Option 4 ID : **4410094531409**
Status : **Answered**
Chosen Option : **B**

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Q.79 Six boxes, D, E, F, G, X and Y, are kept one over the other, but not necessarily in the same order.
No box is kept above D. Only two boxes are kept between D and Y. Only one box is kept between D and G. E is kept immediately below Y. Only four boxes are kept between D and X.
How many boxes are kept between F and X?

Ans
✗ A. Two
✓ B. Three
✗ C. Four
✗ D. One

Question ID : **4410091432285**
Option 1 ID : **4410095657475**
Option 2 ID : **4410095657476**
Option 3 ID : **4410095657477**
Option 4 ID : **4410095657474**
Status : **Answered**
Chosen Option : **A**

Q.80 OGRU is related to JBMP in a certain way based on the English alphabetical order. In the same way, ZEKP is related to UZFK. To which of the given options is FWLA related, following the same logic?

Ans
✗ A. DEGV
✗ B. NFQC
✓ C. ARGV
✗ D. BTDH

Question ID : **4410091149114**
Option 1 ID : **4410094531415**
Option 2 ID : **4410094531412**
Option 3 ID : **4410094531414**
Option 4 ID : **4410094531413**
Status : **Answered**
Chosen Option : **C**

Section : **General Awareness and Current Affairs**

Q.81 In April 2026, the Integrated Alert System “SACHET” was launched to strengthen which area in India?

Ans
✓ A. Disaster Management and Emergency Alert Services
✗ B. Space Communication and Satellite Navigation Services
✗ C. Agricultural Irrigation and Water Conservation Systems
✗ D. Digital Banking and Financial Inclusion Services

Question ID : **4410092009194**
Option 1 ID : **4410097912049**
Option 2 ID : **4410097912048**
Option 3 ID : **4410097912047**
Option 4 ID : **4410097912046**
Status : **Answered**
Chosen Option : **A**

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Q.82 In April 2026, which organization was at the forefront of coordinating India's disaster response and preparedness initiatives for cyclones along the eastern coast, as per official updates from the Ministry of Home Affairs?

Ans

✗ A. State Disaster Response Forces

✗ B. Indian Meteorological Department

✗ C. National Institute of Disaster Management

✓ D. National Disaster Management Authority (NDMA)

Question ID : **4410092010313**
Option 1 ID : **4410097916397**
Option 2 ID : **4410097916396**
Option 3 ID : **4410097916395**
Option 4 ID : **4410097916394**
Status : **Answered**
Chosen Option : **D**

Q.83 Which party formed the government for the first time in Tamil Nadu in May 2026?

Ans

✗ A. All India Anna Dravida Munnetra Kazhagam

✗ B. Pattali Makkal Katchi

✗ C. Dravida Munnetra Kazhagam

✓ D. Tamilaga Vettri Kazhagam

Question ID : **4410092083186**
Option 1 ID : **4410098200976**
Option 2 ID : **4410098200975**
Option 3 ID : **4410098200977**
Option 4 ID : **4410098200978**
Status : **Answered**
Chosen Option : **B**

Q.84 What is the name of the mobile app launched by the ministry of social justice and empowerment in May 2026 for real-time monitoring of SC welfare schemes?

Ans

✗ A. VIKAS

✗ B. VIJAY

✓ C. AJAY

✗ D. DHARMA

Question ID : **4410092065799**
Option 1 ID : **4410098132693**
Option 2 ID : **4410098132691**
Option 3 ID : **4410098132690**
Option 4 ID : **4410098132692**
Status : **Answered**
Chosen Option : **D**

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Q.85 Which instrument is related to Chandrayaan-3 and delivered critical 'ground truth' data on the Moon's plasma environment in December 2025?

Ans

✗ A. M3

✗ B. IIRS-L

✗ C. CHACE-2

✓ D. RAMBHA-LP

Question ID : **4410091668304**
Option 1 ID : **4410096584849**
Option 2 ID : **4410096584851**
Option 3 ID : **4410096584850**
Option 4 ID : **4410096584848**
Status : **Answered**
Chosen Option : **D**

Q.86 A special treaty event was held by the United Nations in Abu Dhabi in April 2026 to facilitate the signing and ratification of which of the following international agreements?

Ans

✓ A. United Nations Convention against Cybercrime

✗ B. Convention on Biological Diversity

✗ C. United Nations Convention against Corruption

✗ D. Paris Agreement on Climate Change

Question ID : **4410092081621**
Option 1 ID : **4410098194737**
Option 2 ID : **4410098194736**
Option 3 ID : **4410098194738**
Option 4 ID : **4410098194735**
Status : **Answered**
Chosen Option : **C**

Q.87 The Sahitya Akademi Award 2025, presented to the awardees in March 2026 in New Delhi, recognised which author for the women-centric short-story collection "Safety Kit"?

Ans

✗ A. Girijakumar Baliyar Singh

✗ B. Prakash Bhattarai

✗ C. Raju Baviskar

✓ D. Jinder

Question ID : **4410092061216**
Option 1 ID : **4410098114695**
Option 2 ID : **4410098114696**
Option 3 ID : **4410098114697**
Option 4 ID : **4410098114694**
Status : **Answered**
Chosen Option : **A**

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Q.88 Which team did the Indian women's archery team defeat to win gold medal in stage Archery world cup held in Shanghai in May 2026?

Ans

✗ A. Indonesia

✗ B. Uzbekistan

✓ C. China

✗ D. Qatar

Question ID : **4410092084766**
Option 1 ID : **4410098207113**
Option 2 ID : **4410098207115**
Option 3 ID : **4410098207114**
Option 4 ID : **4410098207112**
Status : **Answered**
Chosen Option : **A**

Q.89 In February 2026, which country signed a Memorandum of Understanding with India to enhance collaboration in environment, biodiversity conservation, and climate change?

Ans

✓ A. Nepal

✗ B. Germany

✗ C. France

✗ D. Brazil

Question ID : **4410092157524**
Option 1 ID : **4410098491246**
Option 2 ID : **4410098491245**
Option 3 ID : **4410098491243**
Option 4 ID : **4410098491244**
Status : **Answered**
Chosen Option : **B**

Q.90 Where did the 12-day 'Tribes Art Fest (TAF) 2026' take place in March 2026?

Ans

✗ A. Mumbai

✗ B. Bhopal

✓ C. New Delhi

✗ D. Jaipur

Question ID : **4410092009221**
Option 1 ID : **4410097912156**
Option 2 ID : **4410097912157**
Option 3 ID : **4410097912154**
Option 4 ID : **4410097912155**
Status : **Answered**
Chosen Option : **C**

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Q.91 The 48th edition of the Dakar Rally, held in January 2026, took place in which of the following countries?

Ans
✗ A. South Africa
✗ B. Morocco
✗ C. United Arab Emirates
✓ D. Saudi Arabia

Question ID : **4410092079743**
Option 1 ID : **4410098187254**
Option 2 ID : **4410098187253**
Option 3 ID : **4410098187255**
Option 4 ID : **4410098187256**
Status : **Answered**
Chosen Option : **C**

Q.92 India recorded its highest-ever performance in the QS World University Rankings by Subject 2026, achieving how many entries in the global Top 50 — more than doubling its tally from 12 entries in both 2024 and 2025?

Ans
✗ A. 24
✗ B. 21
✗ C. 18
✓ D. 27

Question ID : **4410092008984**
Option 1 ID : **4410097911212**
Option 2 ID : **4410097911211**
Option 3 ID : **4410097911210**
Option 4 ID : **4410097911213**
Status : **Not Answered**
Chosen Option : **--**

Q.93 At the eighth annual Hockey India Awards held in March 2026 to recognise outstanding performances during the 2025 season, which player received the Women's Player of the Year award?

Ans
✗ A. Vandana Katariya
✗ B. Savita Punia
✗ C. Salima Tete
✓ D. Navneet Kaur

Question ID : **4410092065996**
Option 1 ID : **4410098133436**
Option 2 ID : **4410098133437**
Option 3 ID : **4410098133435**
Option 4 ID : **4410098133434**
Status : **Answered**
Chosen Option : **A**

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Q.94 At the 2026 NCAA Indoor Championships, which athlete set a new collegiate record in the men's 200-meter final by clocking 19.95 seconds?

Ans

✗ A. Ja'Kobe Tharp

✗ B. Habtom Samue

✓ C. Garrett Kaalund

✗ D. Marcelo Mantecon

Question ID : **4410092013377**
Option 1 ID : **4410097928115**
Option 2 ID : **4410097928118**
Option 3 ID : **4410097928117**
Option 4 ID : **4410097928116**
Status : **Not Answered**
Chosen Option : **--**

Q.95 The One Stop Centre scheme, frequently mentioned in discussions on women's safety during 2025–26, is funded primarily through which mechanism of the Government of India?

Ans

✓ A. Nirbhaya Fund supporting integrated assistance for women affected by violence

✗ B. Rashtriya Mahila Kosh supporting micro-credit facilities for women entrepreneurs

✗ C. District Mineral Foundation supporting welfare measures in mining-affected regions

✗ D. National Social Assistance Programme supporting livelihood security for vulnerable households

Question ID : **4410092084278**
Option 1 ID : **4410098205238**
Option 2 ID : **4410098205236**
Option 3 ID : **4410098205235**
Option 4 ID : **4410098205237**
Status : **Answered**
Chosen Option : **D**

Q.96 In the Corruption Perceptions Index (CPI) 2025 released by Transparency International in 2026, India was ranked at which position among countries and territories?

Ans

✗ A. Ninety-sixth

✓ B. Ninety-first

✗ C. Eighty-fifth

✗ D. Seventy-ninth

Question ID : **4410092008265**
Option 1 ID : **4410097908341**
Option 2 ID : **4410097908339**
Option 3 ID : **4410097908338**
Option 4 ID : **4410097908340**
Status : **Answered**
Chosen Option : **A**

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Q.97 The 14th Ministerial Conference (MC14) of the World Trade Organization (WTO), held in March 2026 under the chairmanship of Luc Magloire Mbarga Atangana, took place in which country?

Ans
✗ A. United Arab Emirates
✓ B. Cameroon
✗ C. Switzerland
✗ D. Singapore

Question ID : **4410092081777**
Option 1 ID : **4410098195352**
Option 2 ID : **4410098195353**
Option 3 ID : **4410098195354**
Option 4 ID : **4410098195351**
Status : **Not Answered**
Chosen Option : **--**

Q.98 During the 2026 Budget Session of Parliament, which bill was referred to the Joint Committee of both Houses?

Ans
✗ A. The Jan Vishwas (Amendment of Provisions) Bill, 2026
✗ B. The Finance Bill, 2026
✗ C. The Insolvency and Bankruptcy Code (Amendment) Bill, 2026
✓ D. The Corporate Laws (Amendment) Bill, 2026

Question ID : **4410092155195**
Option 1 ID : **4410098482629**
Option 2 ID : **4410098482628**
Option 3 ID : **4410098482630**
Option 4 ID : **4410098482631**
Status : **Answered**
Chosen Option : **C**

Q.99 For the financial year 2026-27 (FY27), what was the fiscal deficit target set by the Union Budget?

Ans
✓ A. 4.3% of GDP
✗ B. 3.5% of GDP
✗ C. 6% of GDP
✗ D. 5.2% of GDP

Question ID : **4410092008717**
Option 1 ID : **4410097910143**
Option 2 ID : **4410097910144**
Option 3 ID : **4410097910145**
Option 4 ID : **4410097910142**
Status : **Answered**
Chosen Option : **D**

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Q.10 0 In 2025, India launched its first indigenous CRISPR-based gene therapy to combat Sickle Cell Disease, which disproportionately affects the country's tribal population. What is the name of this therapy?

Ans
- ✔ A. Gene therapy 'BIRSA 101'
- ✘ B. Cell therapy 'Raksha-22'
- ✘ C. Gene-editing therapy 'JanAushadhi-404'
- ✘ D. CRISPR cure 'Arogya-1'

Question ID : **4410092008764**
Option 1 ID : **4410097910332**
Option 2 ID : **4410097910333**
Option 3 ID : **4410097910330**
Option 4 ID : **4410097910331**
Status : **Answered**
Chosen Option : **A**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	05/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Climate change increases rainfall in the Western Ghats and alters the ecosystem. Which long-term effect could this have on endemic species in the region?**

Ans
- ✗ A. Endemic species will spread to new regions
- ✗ B. Endemic species will increase in population
- ✗ C. Endemic species will not be affected
- ✓ D. Endemic species may struggle to survive and adapt

Q.2 **Which part of a plant mainly absorbs water and minerals from the soil?**

Ans
- ✓ A. Roots
- ✗ B. Stems
- ✗ C. Flowers
- ✗ D. Leaves

Q.3 **Which property is used to differentiate atoms of various elements based on the total mass of their protons and neutrons in the nucleus?**

Ans
- ✗ A. Atomic number
- ✗ B. Isotopic ratio
- ✗ C. Valency
- ✓ D. Atomic mass

Q.4 **A football player kicks a ball forward. Later, a goalkeeper catches the ball and brings it to rest.**
Which of the following statements are correct?
1. The player does positive work on the ball.
2. The goalkeeper does negative work on the ball.
3. During the kick, force and displacement are in the same direction.
4. During the catch, force and displacement are in opposite directions.

Ans
- ✗ A. 2 and 3 only
- ✗ B. 1 and 2 only
- ✓ C. 1, 2, 3 and 4
- ✗ D. 1, 2 and 4 only

Q.5 **If the current in a conductor is doubled while it remains perpendicular to the same magnetic field, how does the force on the conductor change?**

Ans
- ✗ A. The force reduces four times
- ✗ B. The force is halved
- ✓ C. The force doubles
- ✗ D. The force remains unchanged

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Q.6 **Which statement best describes the velocity-time graph for an object moving with uniform acceleration?**

Ans

✗ A. It is a straight line parallel to the velocity axis

✓ B. It is a straight line with a constant slope

✗ C. It is a curve bending upwards

✗ D. It is a horizontal line parallel to the time axis

Q.7 **Which method would be most appropriate to distinguish between saturated and unsaturated carbon compounds in a laboratory setting?**

Ans

✗ A. Mixing with copper sulfate solution.

✗ B. Heating over a Bunsen burner and observing flame color.

✓ C. Testing with bromine water to observe color change.

✗ D. Measuring melting point with a thermometer.

Q.8 **A meteorological station near 60° South detects winds converging and rising. The most likely consequence of this pattern in terms of pressure is:**

Ans

✗ A. Creation of a sub-tropical high pressure belt

✗ B. Establishment of an equatorial low pressure zone

✗ C. Development of a high pressure zone

✓ D. Formation of a sub-polar low pressure belt

Q.9 **In the reaction of copper oxide with hydrochloric acid, the solution turns:**

Ans

✗ A. Brown due to hydrogen gas

✓ B. Blue-green due to copper(II) chloride

✗ C. Colourless due to water formation

✗ D. Red due to oxygen evolution

Q.10 **A convex mirror has a focal length of 20 cm. If an object is placed 40 cm from the mirror, what will be the nature and relative size of the image?**

Ans

✗ A. Real, larger than the object

✗ B. Real, smaller than the object

✗ C. Virtual, same size as the object

✓ D. Virtual, smaller than the object

Q.11 **A student wants to compare the resistivity of two different materials using wires of identical length and cross-sectional area. Which measurement must be made for both wires to determine their resistivity?**

Ans

✗ A. Measuring the mass of each wire

✓ B. Measuring the resistance of each wire

✗ C. Measuring the brightness of a bulb in the circuit

✗ D. Measuring the voltage across each wire

Q.12 **Which phenomenon best explains why the sky appears blue during daytime?**

Ans

✗ A. Ozone in the atmosphere absorbs all other colors except blue

✗ B. Reflection of sunlight by clouds causes blue color

✗ C. Sun emits predominantly blue light during the day

✓ D. Shorter wavelengths of sunlight are scattered more than longer wavelengths

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Q.13 Which of the following statements about nutrition in single-celled organisms is **INCORRECT**?

Ans

✗ A. Paramecium takes in food with the help of cilia at a fixed spot

✗ B. Amoeba uses pseudopodia to engulf food

✗ C. Food is digested inside food vacuoles in Amoeba

✓ D. Paramecium engulfs food from all parts of its surface

Q.14 A car starts from rest and gradually increases its speed. Which of the following best describes its distance-time graph?

Ans

✗ A. A horizontal line starting from the origin

✗ B. A curve starting from the origin with decreasing slope

✗ C. A straight line with constant slope starting from the origin

✓ D. A curve starting from the origin with increasing slope

Q.15 Which of the following is NOT a property of a solution?

Ans

✓ A. Separation of components by filtration

✗ B. No settling of solute

✗ C. Uniform composition

✗ D. Transparent appearance

Q.16 Which of the following statements about vegetative propagation is **INCORRECT**?

Ans

✓ A. New plants develop from seed-bearing structures.

✗ B. New plants arise from stems, roots, or leaves.

✗ C. Only one parent is involved in the process.

✗ D. The offspring are genetically identical to the parent.

Q.17 When copper is heated in air, it combines with oxygen to form a black oxide, which is:

Ans

✗ A. copper(III) oxide

✗ B. copper(IV) oxide

✗ C. copper(I) oxide

✓ D. copper(II) oxide

Q.18 Which of the following best explains how ultrasound is used in medical imaging?

Ans

✓ A. Ultrasound waves reflect off tissues to create real-time images on a monitor

✗ B. Ultrasound waves pass through tissues without any reflection for imaging

✗ C. Ultrasound uses low-frequency sound waves for medical imaging

✗ D. Ultrasound is used to measure temperature changes in body tissues

Q.19 What happens when the leaves of the touch-me-not (Mimosa) plant are touched?

Ans

✗ A. They produce flowers

✗ B. They change color

✓ C. They fold up and droop

✗ D. They grow larger

Q.20 In ammonia (NH_3), the combining elements are present in the ratio of:

Ans

✗ A. 28:3

✗ B. 7:3

✓ C. 14:3

✗ D. 14:6

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Q.21 The specialised signal that travels along a nerve fibre to communicate with other cells is specifically known as a(n) _____.

Ans

✔ A. Nerve impulse

✘ B. Stimulus

✘ C. Hormone

✘ D. Axon

Q.22 Which of the following CORRECTLY pairs the organism with the body part it uses for food intake?

Ans

✘ A. Amoeba - flagella

✘ B. Hydra - pseudopodia

✔ C. Paramecium - cilia

✘ D. Euglena - tentacles

Q.23 Molasses, a byproduct of sugar production from sugarcane, can be used as a feedstock for the production of which of the following carbon compounds through fermentation?

Ans

✘ A. propanal

✔ B. ethanol

✘ C. propanoic acid

✘ D. butanone

Q.24 Consider the reaction: $CuO(s) + H_2(g) \rightarrow Cu(s) + H_2O(l)$

Which option correctly identifies the oxidation–reduction changes occurring in this reaction?

Ans

✘ A. Copper and hydrogen both oxidised

✘ B. Hydrogen reduced while CuO oxidised

✔ C. Hydrogen oxidised while CuO reduced

✘ D. Copper oxidised while H_2 reduced

Q.25 A motor develops a power of 85 W for 30 s. What is the work done by the motor?

Ans

✘ A. 255 J

✘ B. 250 J

✘ C. 2500 J

✔ D. 2550 J

Section : **Mathematics**

Q.26 What is the simple interest on a sum of ₹10,000 at 5% per annum for 2 years?

Ans

✘ A. ₹1,500

✘ B. ₹1,200

✔ C. ₹1,000

✘ D. ₹800

Q.27 Three partners, P, Q, and R, start a business by investing capital in the ratio 5 : 4 : 3. At the end of one year, the business earns a total profit of Rs. 48,000. If Q withdraws his investment after 6 months, while P and R keep their investments in the business for the entire year, what amount of profit should Q receive?

Ans

✔ A. Rs. 9,600

✘ B. Rs. 8,000

✘ C. Rs. 12,000

✘ D. Rs. 6,000

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Q.28 If $\tan\theta + \cot\theta = 2$, find $\tan^2\theta + \cot^2\theta$.

Ans
- ✗ A. 1
- ✓ B. 2
- ✗ C. 4
- ✗ D. 0

Q.29 If the cost price of an article is ₹500 and is sold at ₹400, then find the loss percentage.

Ans
- ✓ A. 20%
- ✗ B. 80%
- ✗ C. 25%
- ✗ D. 100%

Q.30 Simplify:
$(2a + 3b)^2 - (2a - 3b)^2$

Ans
- ✓ A. 24ab
- ✗ B. 25ab
- ✗ C. 20ab
- ✗ D. 18ab

Q.31 Two trains leave the same station and travel in the same direction. If the faster train moves at 54 km/h and the distance between them becomes 42 km after 6 hours, what is the speed of the slower train?

Ans
- ✓ A. 47 km/h
- ✗ B. 48 km/h
- ✗ C. 45 km/h
- ✗ D. 50 km/h

Q.32 The population of a town decreased from 80,000 to 72,000. Find the percentage decrease in population.

Ans
- ✓ A. 10%
- ✗ B. 15%
- ✗ C. 8%
- ✗ D. 12%

Q.33 Find the average of 453, 397, 332 and 84.

Ans
- ✗ A. 326.5
- ✗ B. 336.5
- ✓ C. 316.5
- ✗ D. 306.5

Q.34 In a moderately asymmetrical frequency distribution, the values of the mean and mode are 54.3 and 62.1, respectively. Find the median value.

Ans
- ✗ A. 57.9
- ✗ B. 55.7
- ✓ C. 56.9
- ✗ D. 57.2

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Q.35 A solid cylinder of base radius 7 cm and height 12 cm has a conical cavity of the same base radius and 8 cm height. Find the volume of the remaining solid.
[Use π = 22/7 and round off your answer to two decimal places.]

Ans
✗ A. 1417.33 cm³
✓ B. 1437.33 cm³
✗ C. 1452.33 cm³
✗ D. 1402.33 cm³

Q.36 Find the HCF of the numbers 252, 396, and 524.

Ans
✗ A. 36
✗ B. 9
✓ C. 4
✗ D. 12

Q.37 If a 7-digit number 65873A8 is completely divisible by 22, what is the value of A?

Ans
✗ A. 3
✓ B. 2
✗ C. 7
✗ D. 1

Q.38 A sum amounts to a compound interest, compounded annually of ₹4,837.50 in 2 years at the rate of 15% per annum. Find the principal amount.

Ans
✗ A. ₹12,000
✗ B. ₹13,000
✗ C. ₹14,000
✓ D. ₹15,000

Q.39 Arrange the following ratios in descending order.
2: 5, 3: 8, 5: 6, 4: 7

Ans
✗ A. 5 : 6 > 4 : 7 > 3 : 8 > 2 : 5
✓ B. 5 : 6 > 4 : 7 > 2 : 5 > 3:8
✗ C. 5 : 6 > 3:8 > 4 : 7 > 2 : 5
✗ D. 5: 6 > 3:8 > 2: 5 > 4:7

Q.40 If $\sin A = \frac{3}{5}$, then find the value of $\sqrt{\frac{1+\sin A}{1-\sin A}} + \sqrt{\frac{1-\sin A}{1+\sin A}} + \sqrt{\frac{\sec A - \tan A}{\sec A + \tan A}}$.

Ans
✗ A. 5
✗ B. 1
✓ C. 3
✗ D. 7

Q.41 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 80% and 44%, shop II allows successive discounts of 58% and 62%, shop III allows successive discounts of 67% and 85%, and shop IV allows successive discounts of 41%, 91%, and 74% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✗ A. I
✗ B. III
✓ C. IV
✗ D. II

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Q.42 Rishi has ₹1,681, which he distributes between his two sons, Shan and Piyush. He instructs them to invest their respective amounts at a compound interest rate of 5% per annum, compounded annually. After 13 years, Shan's investment matures to the same amount as Piyush's investment after 14 years. Determine the amount (in ₹) that Rishi gave to Shan.

Ans
- ✗ A. 820
- ✓ B. 861
- ✗ C. 711
- ✗ D. 920

Q.43 One-third of a journey is covered at a speed of 56 km/hr, the next one-third of the journey is covered at a speed of 7 km/hr, and the remaining journey is covered at a speed of 14 km/hr. The average speed (in km/hr, rounded off to 1 decimal place) for the entire journey is:

Ans
- ✗ A. 18.1
- ✓ B. 12.9
- ✗ C. 7.9
- ✗ D. 13.6

Q.44 If the mean of the following data is 45, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	41	46	28	12	x

Ans
- ✗ A. 238
- ✗ B. 245
- ✗ C. 250
- ✓ D. 243

Q.45 The price of an article is increased by 36%. After this increase, it is decreased by 30%. If the final price of the article is ₹132 less than the original price, find the original price of the article.

Ans
- ✗ A. ₹2,940
- ✗ B. ₹2,460
- ✗ C. ₹2,280
- ✓ D. ₹2,750

Q.46 Find the height of the triangle whose base is one-fourth of its height and area is 169 cm^2.

Ans
- ✓ A. $26\sqrt{2}$ cm
- ✗ B. $13\sqrt{6}$ cm
- ✗ C. 19.5 cm
- ✗ D. 26 cm

Q.47 15 workers can build a wall in 22 days. How many days will 12 workers take to build the same wall (assuming the same efficiency).

Ans
- ✗ A. 30 days
- ✓ B. 27.5 days
- ✗ C. 25 days
- ✗ D. 28.5 days

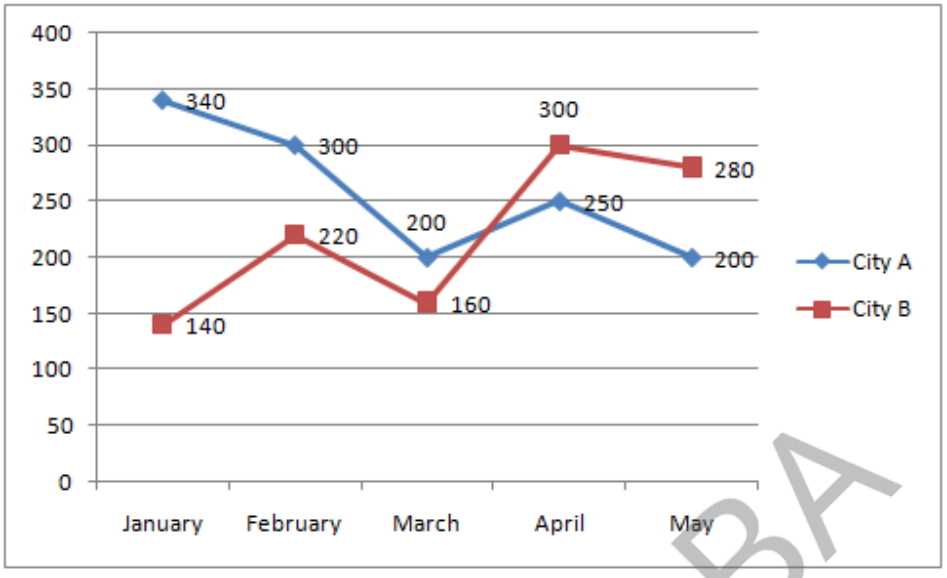
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Q.48 Pipe A can fill a tank in 4 hours, pipe B can fill the same tank in 5 hours and pipe C can fill the same tank in 20 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
- ✔ A. 1
- ✘ B. 3
- ✘ C. 4
- ✘ D. 2

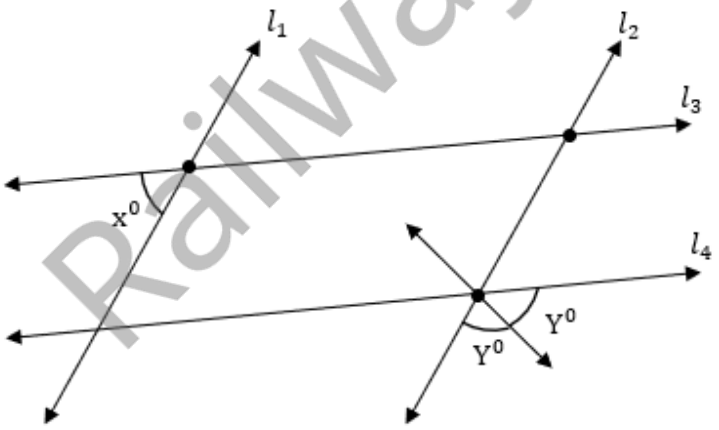
Q.49 The given line graph shows the number of tourists (in hundreds) in two cities A and B in five different months in the year 2023. Study the graph and answer the question that follows.



What is the ratio between the total number of tourists in city B in February to May to that in city A in January to February?

Ans
- ✔ A. 3:2
- ✘ B. 6:5
- ✘ C. 5:6
- ✘ D. 2:3

Q.50 Consider the following figure:



If $l_1 \parallel l_2$ and $l_3 \parallel l_4$, then which one of the following relations is correct?

Ans
- ✘ A. **Y°+ 2x° = 180°**
- ✔ B. **2Y°+ x° = 180°**
- ✘ C. **2Y°= x°**
- ✘ D. **Y°+ x° = 180°**

Section : **General Intelligence and Reasoning**

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Q.51 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) O G © K S 6 C % J 2 7 7 Y M & W 1 $ Y © € © (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the left?

Ans

✗ A. 7

✗ B. 6

✗ C. J

✓ D. C

Q.52 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ A. BD–EG

✗ B. JL–MO

✓ C. GI–IN

✗ D. NP–QS

Q.53 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OQO :: HJH : %

Ans

✗ A. # = LPN , % = KMK

✗ B. # = LNL , % = KLL

✗ C. # = LNK , % = JLJ

✓ D. # = LNL , % = KMK

Q.54 In a row of people all facing North, Gyalmu is 9th from the right end. Akol is 11th from the right end. Akol is exactly between Gyalmu and Victoria. If Victoria is 2nd from the left end of the line, how many people are there in the row?

Ans

✗ A. 12

✗ B. 13

✗ C. 11

✓ D. 14

Q.55 The position(s) of how many letters will remain unchanged if each of the letters in the word BUSGIRL is arranged in the English alphabetical order?

Ans

✓ A. One

✗ B. Two

✗ C. Three

✗ D. None

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Q.56 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) L B I R P N U U S J Y U U A P Z I A X A O E (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✗ A. 3
- ✓ B. 4
- ✗ C. 5
- ✗ D. 6

Q.57 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All cups are bowls.
No cup is a tank.

Conclusions:
(I) Some tanks are bowls.
(II) All bowls are tanks.

Ans
- ✗ A. Only conclusion (I) follows
- ✗ B. Both conclusions (I) and (II) follow
- ✗ C. Only conclusion (II) follows
- ✓ D. Neither conclusion (I) nor (II) follows

Q.58 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 sticks, V, H, Y, D and N, each having a different height, which stick is the shortest?
(I) N is taller than only two sticks. D is taller than N but shorter than Y.
(II) V is taller than H.

Ans
- ✗ A. Both statements I and II together are NOT sufficient to answer the question
- ✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✓ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Q.59 Gaurav ranked 14th from the top and 98th from the bottom in his class. How many students are there in his class?

Ans
- ✗ A. 112
- ✗ B. 110
- ✗ C. 113
- ✓ D. 111

Q.60 What should come in place of the question mark (?) in the given series?

195 201 213 231 255 ?

Ans
- ✗ A. 279
- ✗ B. 277
- ✗ C. 292
- ✓ D. 285

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Q.61 In a certain code language,

A ^ B means 'A is the wife of B',
A ! B means 'A is the brother of B',
A £ B means 'A is the father of B' and
A € B means 'A is the son of B'.

Based on the above, how is P related to U if 'P ! Q € S £ T ^ U'?

Ans

✗ A. Mother

✓ B. Wife's brother

✗ C. Daughter

✗ D. Wife

Q.62 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
11 – 22 – 44 – 88 ; 13 – 26 – 52 – 104

Ans

✗ A. 12 – 24 – 48 – 90

✓ B. 15 – 30 – 60 – 120

✗ C. 14 – 28 – 56 – 98

✗ D. 16 – 32 – 64 – 100

Q.63 What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged?
7 ÷ 36 × 4 – 27 + 13 = ?

Ans

✓ A. 77

✗ B. 79

✗ C. 81

✗ D. 75

Q.64 Each of the digits in the number 354892716 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans

✓ A. One

✗ B. Two

✗ C. None

✗ D. Three

Q.65 This question is based on the five, three-digit numbers given below.
(Left) 761 793 523 591 791 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

What will be the resultant if the second digit of the highest number is added to the third digit of the lowest number?

Ans

✓ A. 12

✗ B. 14

✗ C. 11

✗ D. 10

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Q.66 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
D sits third to the left of E. Only one person sits between E and Q when counted from the left of Q. Only one person sits between O and P when counted from the right of O.
Who sits third to the right of C?

Ans
- ✔ A. P
- ✘ B. D
- ✘ C. E
- ✘ D. Q

Q.67 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. IGE
- ✔ B. ONK
- ✘ C. PNL
- ✘ D. AYW

Q.68 FKSU is related to ZEMO in a certain way based on the English alphabetical order. In the same way, JMQL is related to DGKF. To which of the following is NYBO related to, following the same logic?

Ans
- ✘ A. HTVJ
- ✔ B. HSVI
- ✘ C. ISUJ
- ✘ D. ISUI

Q.69 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All teachers are professionals.
All professionals are doctors.

Conclusions:
(I) Some doctors are teachers.
(II) All teachers are doctors.

Ans
- ✘ A. Neither conclusion (I) nor (II) follows
- ✘ B. Only conclusion (I) follows
- ✔ C. Both conclusions (I) and (II) follow
- ✘ D. Only conclusion (II) follows

Q.70 E, F, G, H, L and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only H lives below M. Only L lives above G. E lives immediately below G. How many people live between F and H?

Ans
- ✘ A. Three
- ✔ B. One
- ✘ C. Four
- ✘ D. Two

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Q.71 P, Q, R, S, T, and U are sitting around a circular table, facing the center.
S sits second to the right of Q. Only two people sit between Q and T when counted from the right of Q. P sits to the immediate right of T. U sits to the immediate left of S.
Who sits to the immediate right of P?

Ans
✗ A. Q
✗ B. U
✓ C. R
✗ D. S

Q.72 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
5 ÷ 2 + 12 × 4 − 3 = ?

Ans
✗ A. 8
✗ B. 9
✗ C. 12
✓ D. 10

Q.73 Refer to the following letter, symbol series and answer the question.

(Left) C N M + M & % F $ # S @ B H J $ H & J K + (Right)

If all the letters are dropped from the series, which of the following will be seventh from the right?

Ans
✗ A. +
✗ B. @
✗ C. #
✓ D. %

Q.74 Each vowel in the word CAUTERY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
✗ A. None
✗ B. Two
✗ C. Three
✓ D. One

Q.75 What should come in place of ? in the given series based on the English alphabetical order?
WBE REJ MHO HKT ?

Ans
✗ A. DMX
✗ B. DNZ
✓ C. CNY
✗ D. BMT

Q.76 Pramod starts from Point A and drives 36 km towards the south. He then takes a right turn, drives 45 km, turns right and drives 41 km. He then takes a right turn and drives 56 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✗ A. 15 km to the east
✗ B. 13 km to the east
✓ C. 11 km to the west
✗ D. 10 km to the west

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Q.77 In a certain code language,
'A # B' means 'A is the son of B',
'A % B' means 'A is the brother of B',
'A − B' means 'A is the wife of B' and
'A @ B' means 'A is the father of B'.

How is M related to K if 'M # E % W − P @ K'?

Ans
✗ A. Mother's sister's son
✗ B. Mother's son
✗ C. Brother's son
✓ D. Mother's brother's son

Q.78 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: PSX :: EHM : %

Ans
✗ A. # = MOI , % = IJP
✓ B. # = MPU , % = HKP
✗ C. # = MNU , % = PLP
✗ D. # = OIU , % = KIP

Q.79 This question is based on the five, three-digit numbers given below.
(Left) 264 591 267 173 761 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE: All operations to be done from left to right.
What will be the resultant if the first digit of the highest number is added to the second digit of the lowest number?

Ans
✗ A. 13
✗ B. 17
✓ C. 14
✗ D. 15

Q.80 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of mathematical operations as followed in the two sets?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
15-225-235-245
22-484-494-504

Ans
✗ A. 21-441-461-471
✗ B. 18-324-314-304
✓ C. 16-256-266-276
✗ D. 19-361-371-391

Section : General Awareness and Current Affairs

Q.81 Who among the following was honored with the Padma Vibhushan in January 2026 for their contribution to Public Affairs?

Ans
✗ A. P. Narayanan
✗ B. Dharmendra Singh Deol
✓ C. K. T. Thomas
✗ D. N. Rajam

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Q.82 In 2026, the Government of India expanded the "Namami Gange Mission" by launching new aquatic biodiversity conservation initiatives for the Ganga river ecosystem. This initiative is most directly linked with which Sustainable Development Goal (SDG)?

Ans

✗ A. SDG 5 – Gender Equality

✓ B. SDG 14 – Life Below Water

✗ C. SDG 16 – Peace, Justice and Strong Institutions

✗ D. SDG 8 – Decent Work and Economic Growth

Q.83 Which state Legislative Assembly passed the **Uniform Civil Code (UCC) Bill, 2026**, on May 27, 2026, making it the third state in India after Uttarakhand and Gujarat to enact such legislation?

Ans

✓ A. Assam

✗ B. Himachal Pradesh

✗ C. Telangana

✗ D. West Bengal

Q.84 According to the Climate Change Performance Index (CCPI) 2026 released at the UN Climate Summit, India dropped 13 places to settle at which specific position?

Ans

✓ A. 23rd position

✗ B. 10th position

✗ C. 15th position

✗ D. 35th position

Q.85 What is the name of the indigenous air-to-surface missile for which flight tests were conducted successfully by DRDO and the Indian Air Force in June 2026?

Ans

✓ A. RudraM-II

✗ B. RudraM-I

✗ C. RudraM-IV

✗ D. RudraM-III

Q.86 Who was sworn in as the chief minister of Tamil Nadu in May 2026?

Ans

✓ A. C. Joseph Vijay

✗ B. Rajnikant

✗ C. Udayanidhi Stalin

✗ D. Kamal Hasan

Q.87 IMEx-2026, announced by ISRO, offers scientists and startups an opportunity to conduct experiments under which special condition?

Ans

✗ A. High-altitude atmospheric testing

✗ B. Deep ocean pressure conditions

✗ C. Desert climate simulations

✓ D. Microgravity conditions

Q.88 Which team became the first to hit more than 100 sixes in a single T20 tournament during the 2026 Men's T20 World Cup?

Ans

✗ A. Australia

✓ B. India

✗ C. New Zealand

✗ D. England

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Q.89 **Which Union Government Ministry initiated a nationwide annual health check-up for all workers aged 40 years and above in May 2026?**

Ans
- ✔ A. Ministry of Labour and Employment
- ✘ B. Ministry of Rural Development
- ✘ C. Ministry of Health and Family Welfare
- ✘ D. Ministry of Social Justice and Empowerment

Q.90 **Suvendu Adhikari of the Bharatiya Janata Party (BJP) was named the Chief Minister of which state in May 2026?**

Ans
- ✔ A. West Bengal
- ✘ B. Gujarat
- ✘ C. Maharashtra
- ✘ D. Odisha

Q.91 **Which singer, a legend of Indian film music, passed away in April 2026 at the age of 92?**

Ans
- ✔ A. Asha Bhosle
- ✘ B. Mohammed Rafi
- ✘ C. Kishore Kumar
- ✘ D. Lata Mangeshkar

Q.92 **In May 2026, the BRICS Foreign Ministers' Meeting was hosted by which country?**

Ans
- ✘ A. Brazil
- ✘ B. China
- ✔ C. India
- ✘ D. Russia

Q.93 **The Central Armed Police Forces (General Administration) Bill, 2026, introduced which major reform regarding senior leadership appointments in India's Central Armed Police Forces?**

Ans
- ✘ A. Director General posts can only be filled through state police promotions
- ✘ B. At least 50% of constable-level posts must be reserved for ex-servicemen
- ✔ C. All Special Director General and Director General posts must be filled through deputation
- ✘ D. All Inspector General posts must be filled through direct recruitment

Q.94 **Which two organizations signed a Memorandum of Understanding during the visit of European leaders to India on 27.01.2026?**

Ans
- ✔ A. Reserve Bank of India and European Securities and Markets Authority
- ✘ B. European Securities and Markets Authority and National Bank for Agriculture and Rural Development
- ✘ C. State Bank of India and European Bank for Reconstruction and Development
- ✘ D. European Securities and Markets Authority and Small Industries Development Bank of India

Q.95 **According to the Economic Survey 2025–26, which health condition was highlighted as a rapidly emerging public health challenge and an important social concern in India?**

Ans
- ✔ A. Obesity
- ✘ B. Tuberculosis
- ✘ C. Anaemia
- ✘ D. Malnutrition

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Q.96 Which Indian woman created history by breaking world record for gold medal in the women's 25-m pistol event at SSF World Cup held in May 2026 at Munich?

Ans

✗ A. Suruchi Singh

✗ B. Rahi Sarnobat

✗ C. Manu Bhaker

✓ D. Esha Singh

Q.97 The Special Intensive Revision (SIR) exercise that was upheld by the Supreme Court in 2026 was conducted in:

Ans

✗ A. Tamil Nadu

✗ B. West Bengal

✗ C. Uttar Pradesh

✓ D. Bihar

Q.98 Which country hosted the 2026 AFC Women's Asian Cup football tournament?

Ans

✗ A. China

✗ B. Japan

✓ C. Australia

✗ D. South Korea

Q.99 In May 2026, who created a new national record while winning the gold medal in the 100m race at the Athletics Federation Cup?

Ans

✗ A. Animesh Kujur

✗ B. Rajinder Singh

✗ C. Tejaswin Shankar

✓ D. Gurindervir Singh

Q.100 What was the official theme of International Women's Day on 8 March 2026?

Ans

✗ A. Invest in Women: Accelerate Progress

✗ B. DigitALL: Innovation and Technology for Gender Equality

✓ C. Rights. Justice. Action. For ALL Women and Girls.

✗ D. I am Generation Equality: Realizing Women's Rights

"

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Registration Number	L92501332540
Roll Number	209252221520140
Candidate Name	ARIJIT DAS
Community	SC
Test Center Name	TCS Gito Bitan
Test Date	05/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 Machine M does 600 J of work in 20 s. Machine N does 900 J of work in 15 s. Which statement is correct?

Ans

✗ A. Both machines develop the same power.

✗ B. Machine M develops greater power.

✓ C. Machine N develops twice the power of Machine M.

✗ D. Machine N develops 1.5 times the power of Machine M.

Question ID : **4410092046303**
Option 1 ID : **4410098057285**
Option 2 ID : **4410098057286**
Option 3 ID : **4410098057288**
Option 4 ID : **4410098057287**
Status : **Answered**
Chosen Option : **C**

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Q.2 **A science museum is designing a demonstration to explain why the sky appears blue during the day but takes on reddish hues during sunrise and sunset. Which explanation best accounts for these observations based on the scattering of light in the atmosphere?**

Ans ✔ A. Shorter wavelengths scatter more strongly, while longer atmospheric paths at sunset favour red wavelengths.

✘ B. Atmospheric absorption removes red light during the day, while removing blue light at sunset.

✘ C. The Sun emits more blue light during the day, while emitting more red light at sunset.

✘ D. Dust particles scatter all wavelengths equally, while increased dust at sunset makes red light more visible.

Question ID : **4410092046244**
Option 1 ID : **4410098057051**
Option 2 ID : **4410098057052**
Option 3 ID : **4410098057050**
Option 4 ID : **4410098057049**
Status : **Answered**
Chosen Option : **A**

Q.3 **In a grassland food chain, the maximum accumulation of a chemical pesticide would be found in:**

Ans ✘ A. Frog

✔ B. Hawk

✘ C. Grasshopper

✘ D. Grass

Question ID : **4410091979055**
Option 1 ID : **4410097795121**
Option 2 ID : **4410097795122**
Option 3 ID : **4410097795120**
Option 4 ID : **4410097795119**
Status : **Answered**
Chosen Option : **B**

Q.4 **Dead structures are often “hard and rigid.” Which simple permanent tissue is mainly made of dead cells that provide mechanical strength to plants?**

Ans ✔ A. Sclerenchyma

✘ B. Meristematic tissue

✘ C. Epidermis

✘ D. Parenchyma

Question ID : **4410091974906**
Option 1 ID : **4410097778479**
Option 2 ID : **4410097778478**
Option 3 ID : **4410097778477**
Option 4 ID : **4410097778476**
Status : **Answered**
Chosen Option : **C**

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Q.5 A machine completes a task requiring 3000 J of work in half a minute. The average power delivered by the machine is ____.

Ans
✗ A. 30 W
✗ B. 300 W
✓ C. 100 W
✗ D. 10 W

Question ID : **4410092046299**
Option 1 ID : **4410098057270**
Option 2 ID : **4410098057272**
Option 3 ID : **4410098057271**
Option 4 ID : **4410098057269**
Status : **Answered**
Chosen Option : **C**

Q.6 When potassium reacts with chlorine to form potassium chloride, which formula correctly represents the resulting compound based on their combining ratios?

Ans
✓ A. KCl
✗ B. KCl_2
✗ C. K_2Cl_2
✗ D. K_2Cl

Question ID : **4410091785175**
Option 1 ID : **4410097039893**
Option 2 ID : **4410097039892**
Option 3 ID : **4410097039894**
Option 4 ID : **4410097039891**
Status : **Answered**
Chosen Option : **A**

Q.7 Which of the following devices earlier used CFCs extensively?

Ans
✗ A. Solar cooker
✓ B. Refrigerator
✗ C. Water purifier
✗ D. Bicycle

Question ID : **4410091978955**
Option 1 ID : **4410097794719**
Option 2 ID : **4410097794720**
Option 3 ID : **4410097794722**
Option 4 ID : **4410097794721**
Status : **Answered**
Chosen Option : **B**

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Q.8 In an experiment, a metal rod moves northward across a horizontal magnetic field directed east. According to Fleming's Right Hand Rule, what is the direction of the induced current in the rod?

Ans
✗ A. The induced current flows westward

✗ B. The induced current flows eastward

✓ C. The induced current flows vertically downward

✗ D. The induced current flows vertically upward

Question ID : **4410092046070**
Option 1 ID : **4410098056356**
Option 2 ID : **4410098056355**
Option 3 ID : **4410098056354**
Option 4 ID : **4410098056353**
Status : **Answered**
Chosen Option : **D**

Q.9 Which arrangement will result in the greatest induced current in a wire loop?

Ans
✗ A. Moving the loop slowly into a weak magnetic field

✗ B. Moving the loop parallel to the field lines

✓ C. Moving the loop quickly into a strong magnetic field

✗ D. Keeping the loop stationary in a magnetic field

Question ID : **4410092046076**
Option 1 ID : **4410098056378**
Option 2 ID : **4410098056377**
Option 3 ID : **4410098056380**
Option 4 ID : **4410098056379**
Status : **Answered**
Chosen Option : **B**

Q.10 A zoologist compares the claws of arboreal and terrestrial mammals. Which of these defines the structural difference primarily indicating their adaptation?

Ans
✓ A. Suitability for climbing versus walking on flat ground

✗ B. A uniform increase in claw length across all arboreal species

✗ C. Equal sharpness developed primarily for defensive needs

✗ D. The dual role of providing camouflage in their habitat

Question ID : **4410091978933**
Option 1 ID : **4410097794632**
Option 2 ID : **4410097794633**
Option 3 ID : **4410097794631**
Option 4 ID : **4410097794634**
Status : **Not Answered**
Chosen Option : **--**

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Q.11 A car increases its velocity from 10 m/s to 30 m/s in 5 seconds. What is the acceleration of the car?

Ans
- ✗ A. 10 m/s²
- ✗ B. 6 m/s²
- ✓ C. 4 m/s²
- ✗ D. 2 m/s²

Question ID : **4410092046205**
Option 1 ID : **4410098056895**
Option 2 ID : **4410098056896**
Option 3 ID : **4410098056893**
Option 4 ID : **4410098056894**
Status : **Answered**
Chosen Option : **C**

Q.12 Chlorine occurs in nature in two isotopic forms, with masses 35 u and 37 u, then average atomic mass of chlorine atom estimated would have been:

Ans
- ✗ A. 35 u
- ✓ B. 35.5 u
- ✗ C. 34.5 u
- ✗ D. 35.2 u

Question ID : **4410091049301**
Option 1 ID : **4410094146300**
Option 2 ID : **4410094146299**
Option 3 ID : **4410094146301**
Option 4 ID : **4410094146302**
Status : **Answered**
Chosen Option : **B**

Q.13 Which chamber of the human heart pumps blood directly to the lungs for oxygenation?

Ans
- ✗ A. Left atrium
- ✓ B. Right ventricle
- ✗ C. Left ventricle
- ✗ D. Right atrium

Question ID : **4410091984952**
Option 1 ID : **4410097818322**
Option 2 ID : **4410097818321**
Option 3 ID : **4410097818320**
Option 4 ID : **4410097818319**
Status : **Not Answered**
Chosen Option : **--**

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Q.14 Consider the reaction:
$MnO_2 + 4HCl \rightarrow MnCl_2 + 2H_2O + Cl_2$
Based on the oxygen–hydrogen definition of redox reactions, which substance undergoes reduction in this reaction?

Ans
✔ A. Manganese dioxide loses oxygen
✘ B. Chlorine gas forms by oxidation
✘ C. Water forms after oxygen gain
✘ D. Hydrogen chloride loses hydrogen

Question ID : **4410091807919**
Option 1 ID : **4410097128009**
Option 2 ID : **4410097128007**
Option 3 ID : **4410097128008**
Option 4 ID : **4410097128006**
Status : **Answered**
Chosen Option : **A**

Q.15 Which colour change does phenolphthalein show in a basic solution?

Ans
✘ A. Yellow to red immediately
✘ B. White to green when shaken
✔ C. Colourless to pink gradually
✘ D. Blue to colourless instantly

Question ID : **441009682023**
Option 1 ID : **4410092682076**
Option 2 ID : **4410092682077**
Option 3 ID : **4410092682074**
Option 4 ID : **4410092682075**
Status : **Answered**
Chosen Option : **C**

Q.16 Which characteristic is unique to meristematic tissue in plants?

Ans
✘ A. Cells mainly provide mechanical support
✘ B. Cells transport water and minerals
✔ C. Cells are capable of continuous division
✘ D. Cells have thick secondary walls

Question ID : **4410091647990**
Option 1 ID : **4410096508229**
Option 2 ID : **4410096508230**
Option 3 ID : **4410096508227**
Option 4 ID : **4410096508228**
Status : **Not Answered**
Chosen Option : **--**

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Q.17 Which of the following statements correctly identifies a key property of diamond, an allotrope of carbon, that distinguishes it from graphite?

Ans

✗ A. Diamond has soft layers that slide over each other.

✓ B. Diamond is a non-conductor of electricity due to the absence of free electrons.

✗ C. Diamond conducts electricity because of delocalised electrons.

✗ D. Diamond exists in a layered structure like graphite.

Question ID : **4410091609552**
Option 1 ID : **4410096357122**
Option 2 ID : **4410096357120**
Option 3 ID : **4410096357121**
Option 4 ID : **4410096357123**
Status : **Answered**
Chosen Option : **B**

Q.18 When magnesium metal reacts with hot water, what is the main product formed alongside hydrogen gas?

Ans

✗ A. Magnesium oxide

✗ B. Copper hydroxide

✓ C. Magnesium hydroxide

✗ D. Iron hydroxide

Question ID : **4410091693346**
Option 1 ID : **4410096679538**
Option 2 ID : **4410096679540**
Option 3 ID : **4410096679537**
Option 4 ID : **4410096679539**
Status : **Answered**
Chosen Option : **A**

Q.19 A student moves a lighted candle from infinity towards the focus of a convex lens. How does the size of the image change?

Ans

✗ A. The image disappears

✗ B. The image remains the same size throughout

✓ C. The image increases in size

✗ D. The image decreases in size

Question ID : **4410092046383**
Option 1 ID : **4410098057602**
Option 2 ID : **4410098057604**
Option 3 ID : **4410098057601**
Option 4 ID : **4410098057603**
Status : **Answered**
Chosen Option : **C**

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Q.20 Which of the following statements related to dispersion are true?
(1) Red light bends the most when passing through a glass prism.
(2) The angle of deviation is the same for all colours.
(3) Dispersion is one of the phenomenon responsible for the formation of a rainbow.
(4) The speed of light decreases as the light goes from air into the prism.

Ans
✗ A. Both statements 1 and 3 only
✓ B. Both statements 3 and 4 only
✗ C. Both statements 1 and 2 only
✗ D. Both statements 2 and 4 only

Question ID : **4410091627809**
Option 1 ID : **4410096429432**
Option 2 ID : **4410096429431**
Option 3 ID : **4410096429430**
Option 4 ID : **4410096429433**
Status : **Answered**
Chosen Option : **B**

Q.21 Which of the following statements about a homologous series are CORRECT?

All members have the same general formula.

Each successive member differs by a $-CH_2-$ group.

Physical properties remain identical for all members.

Ans
✗ A. Only 1 and 3
✓ B. Only 1 and 2
✗ C. Only 2 and 3
✗ D. 1, 2, and 3

Question ID : **4410091078926**
Option 1 ID : **4410094253021**
Option 2 ID : **4410094253019**
Option 3 ID : **4410094253020**
Option 4 ID : **4410094253022**
Status : **Not Answered**
Chosen Option : **--**

Q.22 Which of the following best represents the correct unit for average velocity in the SI system?

Ans
✗ A. centimeter per minute
✓ B. meter per second
✗ C. kilometer per hour
✗ D. foot per second

Question ID : **4410092046204**
Option 1 ID : **4410098056892**
Option 2 ID : **4410098056889**
Option 3 ID : **4410098056890**
Option 4 ID : **4410098056891**
Status : **Answered**
Chosen Option : **B**

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Q.23 What is a unique function of the forebrain compared to other brain regions?

Ans
- ✔ A. It receives sensory impulses
- ✘ B. It releases hormones
- ✘ C. It regulates heartbeat
- ✘ D. It controls balance

Question ID : **4410092045283**
Option 1 ID : **4410098053216**
Option 2 ID : **4410098053214**
Option 3 ID : **4410098053217**
Option 4 ID : **4410098053215**
Status : **Answered**
Chosen Option : **A**

Q.24 Which statement correctly compares the particle size in a suspension with that in a solution?

Ans
- ✘ A. Both have equal particle size
- ✘ B. Suspension particles are smaller than solution particles
- ✔ C. Suspension particles are larger than solution particles
- ✘ D. Suspension particles are molecular in size and solution particles are atoms

Question ID : **4410091569764**
Option 1 ID : **4410096200047**
Option 2 ID : **4410096200045**
Option 3 ID : **4410096200046**
Option 4 ID : **4410096200048**
Status : **Answered**
Chosen Option : **C**

Q.25 All of the following processes consume atmospheric oxygen, EXCEPT:

Ans
- ✘ A. Respiration by plants
- ✔ B. Photosynthesis by green plants
- ✘ C. Combustion of fossil fuels
- ✘ D. Respiration by animals

Question ID : **4410091982221**
Option 1 ID : **4410097807699**
Option 2 ID : **4410097807701**
Option 3 ID : **4410097807700**
Option 4 ID : **4410097807698**
Status : **Answered**
Chosen Option : **B**

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Section : **Mathematics**

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Q.26 A shopkeeper increases the price of an article by 20% above the cost price and then offers a discount of 25% on the new price. Later, he again increases the discounted price by 10%. If the cost price of the article was ₹500, what is the final price of the article?

Ans
✗ A. ₹510
✗ B. ₹485
✓ C. ₹495
✗ D. ₹490

Question ID : **4410091643935**
Option 1 ID : **4410096492288**
Option 2 ID : **4410096492287**
Option 3 ID : **4410096492285**
Option 4 ID : **4410096492286**
Status : **Answered**
Chosen Option : **C**

Q.27 Find the Arithmetic mean of the following data:

x_i	5	12	10	15	18
f_i	24	25	28	30	40

(Answer correct to two decimal places)

Ans
✗ A. 10.66
✗ B. 16.72
✓ C. 12.72
✗ D. 11.72

Question ID : **441009345317**
Option 1 ID : **4410091347213**
Option 2 ID : **4410091347216**
Option 3 ID : **4410091347215**
Option 4 ID : **4410091347214**
Status : **Answered**
Chosen Option : **C**

Q.28 If 7, 14.2, 21.7, and x are in proportion, what is the value of x?

Ans
✗ A. 46.04
✗ B. 48.08
✓ C. 44.02
✗ D. 50.12

Question ID : **4410091996312**
Option 1 ID : **4410097861854**
Option 2 ID : **4410097861855**
Option 3 ID : **4410097861853**
Option 4 ID : **4410097861856**
Status : **Answered**
Chosen Option : **C**

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Q.29 A factory buys 10 machines: 6 of Machine A, 4 of Machine B .Their prices are ₹20300 and ₹87000, respectively. Find the average cost of the machines.

Ans
✗ A. ₹46990
✗ B. ₹46960
✓ C. ₹46980
✗ D. ₹46970

Question ID : **4410091981075**
Option 1 ID : **4410097803123**
Option 2 ID : **4410097803120**
Option 3 ID : **4410097803122**
Option 4 ID : **4410097803121**
Status : **Answered**
Chosen Option : **C**

Q.30 The compound interest on a sum for two years is ₹1,560 and the corresponding simple interest is ₹1,500. Find the compound interest on the same sum at the same rate of interest for 3 years.

Ans
✗ A. ₹2260.20
✓ B. ₹2434.80
✗ C. ₹2456.40
✗ D. ₹2634.80

Question ID : **4410091990206**
Option 1 ID : **4410097838556**
Option 2 ID : **4410097838553**
Option 3 ID : **4410097838555**
Option 4 ID : **4410097838554**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.31 A person spends 70% of his income and saves ₹6,000. Find his total income.

Ans
✗ A. ₹18,000
✗ B. ₹24,000
✗ C. ₹22,000
✓ D. ₹20,000

Question ID : **4410091988797**
Option 1 ID : **4410097832962**
Option 2 ID : **4410097832964**
Option 3 ID : **4410097832963**
Option 4 ID : **4410097832961**
Status : **Answered**
Chosen Option : **D**

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Q.32 A student is travelling to an examination center. If he travels by his bicycle at 10 km/hr, he will be 15 minutes late. If he travels by an auto at 12 km/hr, he will be 5 minutes early. What is the distance to the examination center?

Ans
- ✔ A. 20 km
- ✘ B. 24 km
- ✘ C. 18 km
- ✘ D. 15 km

Question ID : **4410091473165**
Option 1 ID : **4410095820518**
Option 2 ID : **4410095820519**
Option 3 ID : **4410095820520**
Option 4 ID : **4410095820517**
Status : **Answered**
Chosen Option : **A**

Q.33 A train with a speed of 126 km/hr crosses a bridge in 50 seconds. Another train 150 m longer than the first train, crosses the same bridge at 90 km/hr. The time (in seconds) taken by the second train to cross the bridge, is:

Ans
- ✔ A. 76
- ✘ B. 68
- ✘ C. 70
- ✘ D. 74

Question ID : **441009643423**
Option 1 ID : **4410092527875**
Option 2 ID : **4410092527876**
Option 3 ID : **4410092527877**
Option 4 ID : **4410092527874**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.34 Two numbers are, respectively, 15% and 40% more than the third number. What is the ratio between the two numbers?

Ans
- ✘ A. 24 : 28
- ✘ B. 20: 28
- ✘ C. 23 : 26
- ✔ D. 23 : 28

Question ID : **4410091461455**
Option 1 ID : **4410095773951**
Option 2 ID : **4410095773950**
Option 3 ID : **4410095773953**
Option 4 ID : **4410095773952**
Status : **Answered**
Chosen Option : **D**

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Q.35 A steel factory constructs a closed cylindrical tank. The entire outer surface (including top and bottom) is painted at ₹3 per cm². The total painting cost is ₹2,772. If the height of the cylinder is twice its radius, what is its volume? (Use $\pi = \frac{22}{7}$)

Ans
- ✗ A. 2,236 cm^3
- ✓ B. 2,156 cm^3
- ✗ C. 2,282 cm^3
- ✗ D. 2,246 cm^3

Question ID : **441009648759**
Option 1 ID : **4410092549259**
Option 2 ID : **4410092549258**
Option 3 ID : **4410092549260**
Option 4 ID : **4410092549261**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.36 A trader buys an article for ₹350 and sells it for ₹420. Find his profit percentage.

Ans
- ✓ A. 20%
- ✗ B. 30%
- ✗ C. 25%
- ✗ D. 15%

Question ID : **4410091038548**
Option 1 ID : **4410094104331**
Option 2 ID : **4410094104333**
Option 3 ID : **4410094104332**
Option 4 ID : **4410094104330**
Status : **Answered**
Chosen Option : **A**

Q.37 Let A be a regular polygon such that the sum of the interior angles of A is 2340°. Find the number of diagonals of A.

Ans
- ✓ A. 90
- ✗ B. 86
- ✗ C. 100
- ✗ D. 120

Question ID : **441009602526**
Option 1 ID : **4410092365224**
Option 2 ID : **4410092365221**
Option 3 ID : **4410092365222**
Option 4 ID : **4410092365223**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.38 Rahul visits the library every 6 days, Priya visits every 8 days, and Amit visits every 12 days. If all three meet at the library today, after how many days will they all next meet there?

Ans
✗ A. 16 days
✗ B. 28 days
✗ C. 20 days
✓ D. 24 days

Question ID : **4410091392240**
Option 1 ID : **4410095498652**
Option 2 ID : **4410095498655**
Option 3 ID : **4410095498653**
Option 4 ID : **4410095498654**
Status : **Answered**
Chosen Option : **D**

Q.39 If $\text{cosec } A = \sqrt{10}$, find the value of $\frac{3\sin^2 A + 4\cot^2 A}{6(\tan^2 A + \cos^2 A)}$.

Ans
✗ A. $\frac{726}{91}$
✗ B. $\frac{1017}{182}$
✗ C. $\frac{545}{91}$
✓ D. $\frac{1089}{182}$

Question ID : **441009600226**
Option 1 ID : **4410092356023**
Option 2 ID : **4410092356024**
Option 3 ID : **4410092356022**
Option 4 ID : **4410092356021**
Status : **Answered**
Chosen Option : **D**

Q.40 The mean and the mode of a set of data are 16.4 and 24, respectively. Find the median of the data, using the empirical formula. (Round off to one decimal place)

Ans
✓ A. 18.9
✗ B. 20.7
✗ C. 19.6
✗ D. 20.4

Question ID : **441009540349**
Option 1 ID : **4410092116792**
Option 2 ID : **4410092116793**
Option 3 ID : **4410092116795**
Option 4 ID : **4410092116794**
Status : **Answered**
Chosen Option : **A**

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Q.41 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 8 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
✗ A. 4
✗ B. 3
✓ C. 1
✗ D. 2

Question ID : **441009517476**
Option 1 ID : **4410092025326**
Option 2 ID : **4410092025325**
Option 3 ID : **4410092025323**
Option 4 ID : **4410092025324**
Status : **Answered**
Chosen Option : **C**

Q.42 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 78% and 43%, shop II allows successive discounts of 74% and 83%, shop III allows successive discounts of 15% and 93%, and shop IV allows successive discounts of 93%, 84%, and 42% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✗ A. I
✗ B. II
✓ C. IV
✗ D. III

Question ID : **441009536901**
Option 1 ID : **4410092103003**
Option 2 ID : **4410092103002**
Option 3 ID : **4410092103000**
Option 4 ID : **4410092103001**
Status : **Answered**
Chosen Option : **C**

Q.43 The surface area of a sphere is numerically equal to the volume of the same sphere.
What is the radius of the sphere?

Ans
✗ A. 4 units
✓ B. 3 units
✗ C. 9 units
✗ D. 6 units

Question ID : **4410091859661**
Option 1 ID : **4410097329205**
Option 2 ID : **4410097329204**
Option 3 ID : **4410097329206**
Option 4 ID : **4410097329207**
Status : **Answered**
Chosen Option : **B**

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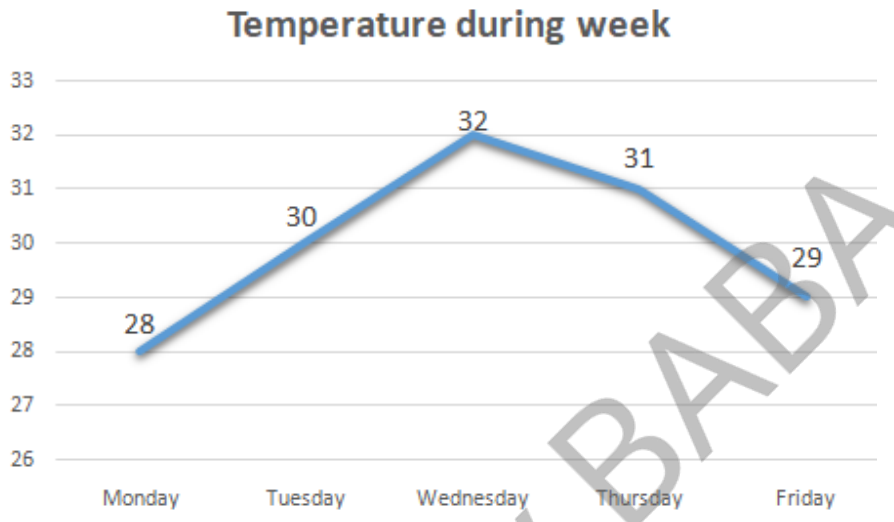
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Q.44 If the ratio of the present age of Anusha to the present age of Vishnu is 8:5 and the sum of their present ages is 78 years, find the present age of Vishnu.

Ans
- ✗ A. 36 years
- ✓ B. 30 years
- ✗ C. 32 years
- ✗ D. 34 years

Question ID : **4410091016223**
Option 1 ID : **4410094016370**
Option 2 ID : **4410094016367**
Option 3 ID : **4410094016368**
Option 4 ID : **4410094016369**
Status : **Answered**
Chosen Option : **B**

Q.45 The given line graph data shows the temperature (in °C) recorded during a week. On which day was the second highest temperature recorded?



Ans
- ✓ A. Thursday
- ✗ B. Friday
- ✗ C. Wednesday
- ✗ D. Tuesday

Question ID : **4410091988720**
Option 1 ID : **4410097832655**
Option 2 ID : **4410097832656**
Option 3 ID : **4410097832654**
Option 4 ID : **4410097832653**
Status : **Answered**
Chosen Option : **A**

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Q.46 If the simple interest on ₹4,000 for 3 years is ₹960, what is the rate of interest per annum?

Ans
✗ A. 7%
✓ B. 8%
✗ C. 6%
✗ D. 9%

Question ID : **4410091248968**
Option 1 ID : **4410094929060**
Option 2 ID : **4410094929061**
Option 3 ID : **4410094929059**
Option 4 ID : **4410094929062**
Status : **Answered**
Chosen Option : **B**

Q.47 Given that $148^{0.27} = x$, $148^{0.51} = y$ and $x^z = y^6$, then the value of z is close to:

Ans
✗ A. 12.22
✓ B. 11.33
✗ C. 13.37
✗ D. 10.11

Question ID : **441009536565**
Option 1 ID : **4410092101659**
Option 2 ID : **4410092101656**
Option 3 ID : **4410092101658**
Option 4 ID : **4410092101657**
Status : **Answered**
Chosen Option : **B**

Q.48 If $\tan A = \frac{27}{36}$ and A is an acute angle, find the value of $\sqrt{1 + \frac{2\sin A +}{5\cos A -}}$

Ans
✗ A. $3\sqrt{\frac{3}{17}}$
✗ B. $\frac{5\sqrt{3}}{17}$
✓ C. $\frac{3\sqrt{3}}{17}$
✗ D. $5\sqrt{\frac{3}{17}}$

Question ID : **441009602953**
Option 1 ID : **4410092366932**
Option 2 ID : **4410092366929**
Option 3 ID : **4410092366930**
Option 4 ID : **4410092366931**
Status : **Answered**
Chosen Option : **A**

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Q.49 Arrange the following in descending order: 16^6, 27^4, 5^{12}.

Ans
✗ A. $16^6 > 5^{12} > 27^4$

✗ B. $27^4 > 16^6 > 5^{12}$

✗ C. $27^4 > 5^{12} > 16^6$

✓ D. $5^{12} > 16^6 > 27^4$

Question ID : **4410091067194**
Option 1 ID : **4410094214256**
Option 2 ID : **4410094214259**
Option 3 ID : **4410094214257**
Option 4 ID : **4410094214258**
Status : **Answered**
Chosen Option : **D**

Q.50 Divide ₹16,165 between Prateek and Siva Prasad such that Prateek's share at the end of 3 years is equal to Siva Prasad's share at the end of 5 years, with compound interest at 20% per annum, compounded annually. Then Prateek's share is:

Ans
✗ A. ₹7021

✓ B. ₹9540

✗ C. ₹9144

✗ D. ₹6625

Question ID : **441009654310**
Option 1 ID : **4410092571541**
Option 2 ID : **4410092571542**
Option 3 ID : **4410092571540**
Option 4 ID : **4410092571539**
Status : **Answered**
Chosen Option : **B**

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Section : **General Intelligence and Reasoning**

Q.51 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All books are pens.
No pen is a paper.

Conclusions:
(I) Some books are papers.
(II) No book is a paper.

Ans
✓ A. Only conclusion (II) follows

✗ B. Only conclusion (I) follows

✗ C. Both conclusions (I) and (II) follow

✗ D. Neither conclusion (I) nor (II) follows

Question ID : **4410091711582**
Option 1 ID : **4410096750573**
Option 2 ID : **4410096750572**
Option 3 ID : **4410096750575**
Option 4 ID : **4410096750574**
Status : **Answered**
Chosen Option : **B**

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Q.52 What should come in place of the question mark (?) in the given series?

93 100 114 135 163 ?

Ans
✗ A. 203
✗ B. 196
✗ C. 201
✓ D. 198

Question ID : **4410091987764**
Option 1 ID : **4410097828838**
Option 2 ID : **4410097828837**
Option 3 ID : **4410097828839**
Option 4 ID : **4410097828840**
Status : **Answered**
Chosen Option : **D**

Q.53 Harish ranked 54th from the top and 78th from the bottom in his class. How many students are there in his class?

Ans
✓ A. 131
✗ B. 130
✗ C. 132
✗ D. 133

Question ID : **4410091608140**
Option 1 ID : **4410096351488**
Option 2 ID : **4410096351489**
Option 3 ID : **4410096351490**
Option 4 ID : **4410096351491**
Status : **Answered**
Chosen Option : **A**

Q.54 A, D, F, G, H and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
F lives on an even numbered floor but not 4. The sum of floors on which F and H live is 9. Only 3 people live between G and D. The sum of floors on which S and D live is 3.
What is the sum of floors on which A and G live?

Ans
✗ A. 10
✓ B. 9
✗ C. 8
✗ D. 11

Question ID : **4410091462442**
Option 1 ID : **4410095777880**
Option 2 ID : **4410095777878**
Option 3 ID : **4410095777879**
Option 4 ID : **4410095777881**
Status : **Answered**
Chosen Option : **B**

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Q.55 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: RLQ :: QKP : %

Ans
✔ A. # = OIN, % = TNS
✘ B. # = OLN, % = TNU
✘ C. # = PON, % = TJU
✘ D. # = OOI, % = YYS

Question ID : **441009761095**
Option 1 ID : **4410092998375**
Option 2 ID : **4410092998376**
Option 3 ID : **4410092998373**
Option 4 ID : **4410092998374**
Status : **Answered**
Chosen Option : **A**

Q.56 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
C sits fourth to the left of E. D sits fourth to the right of Q. Only two people sit between E and Q when counted from the left of E. O is not an immediate neighbor of E.
Who sits third to the right of P?

Ans
✔ A. C
✘ B. D
✘ C. O
✘ D. Q

Question ID : **441009787841**
Option 1 ID : **4410093105363**
Option 2 ID : **4410093105364**
Option 3 ID : **4410093105365**
Option 4 ID : **4410093105366**
Status : **Answered**
Chosen Option : **A**

Q.57 Kiran starts from point B and drives 15 km towards South. He then takes a left turn, drives 8 km, turns right, and drives 5 km. He then takes a right turn and drives 8 km. Finally, he takes a right turn, drives 13 km, and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point B again? (All turns are 90-degree turns only unless specified.)

Ans
✘ A. 7 km towards West
✘ B. 5 km towards East
✘ C. 6 km towards East
✔ D. 7 km towards North

Question ID : **441009754674**
Option 1 ID : **4410092972692**
Option 2 ID : **4410092972691**
Option 3 ID : **4410092972690**
Option 4 ID : **4410092972689**
Status : **Answered**
Chosen Option : **D**

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Q.58 Each vowel in the word CONTAIN is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be second from the left in the new group of letters thus formed?

Ans
✔ A. P
✘ B. Q
✘ C. R
✘ D. O

Question ID : **441009811687**
Option 1 ID : **4410093200871**
Option 2 ID : **4410093200872**
Option 3 ID : **4410093200873**
Option 4 ID : **4410093200874**
Status : **Answered**
Chosen Option : **A**

Q.59 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
5 – 20 – 16 – 64 ; 7 – 28 – 24 – 96

Ans
✘ A. 11 - 21 - 17 - 69
✘ B. 8 - 32 - 28 - 120
✘ C. 9 - 36 - 33 - 120
✔ D. 6 - 24 - 20 - 80

Question ID : **4410091992422**
Option 1 ID : **4410097847312**
Option 2 ID : **4410097847309**
Option 3 ID : **4410097847310**
Option 4 ID : **4410097847311**
Status : **Answered**
Chosen Option : **D**

Q.60 Refer to the following letter, symbol series and answer the question.

(Left) E B M + ? # N $ @ + ? N P % F $ E R T # + # (Right)

If all the letters are dropped from the series, which of the following will be seventh from the right?

Ans
✔ A. +
✘ B. $
✘ C. @
✘ D. =

Question ID : **441009803882**
Option 1 ID : **4410093169651**
Option 2 ID : **4410093169654**
Option 3 ID : **4410093169653**
Option 4 ID : **4410093169652**
Status : **Answered**
Chosen Option : **A**

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Q.61 If '+' means 'subtraction', '−' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?

12 − 2 + 48 × 3 ÷ 14 = ?

Ans
✗ A. 16
✗ B. 11
✓ C. 22
✗ D. 27

Question ID : **4410091125110**
Option 1 ID : **4410094435984**
Option 2 ID : **4410094435983**
Option 3 ID : **4410094435985**
Option 4 ID : **4410094435986**
Status : **Answered**
Chosen Option : **C**

Q.62 This question is based on the five, three-digit numbers given below.

(Left) 131 419 169 214 899 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

Ans
✗ A. 13
✗ B. 11
✓ C. 10
✗ D. 9

Question ID : **441009763215**
Option 1 ID : **4410093006856**
Option 2 ID : **4410093006855**
Option 3 ID : **4410093006853**
Option 4 ID : **4410093006854**
Status : **Answered**
Chosen Option : **C**

Q.63 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) # 3 & * 7 @ $ 8 * > 4 4 \ 2 3 \ & 8 7 / # (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ A. 0
✗ B. 3
✗ C. 2
✓ D. 1

Question ID : **4410091605934**
Option 1 ID : **4410096342768**
Option 2 ID : **4410096342771**
Option 3 ID : **4410096342770**
Option 4 ID : **4410096342769**
Status : **Answered**
Chosen Option : **D**

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Q.64 Mahek starts from Point A and drives 53 km towards north. He then takes a left turn, drives 65 km, turns left and drives 68 km. He then takes a left turn and drives 67 km. He takes a final left turn, drives 15 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 2 km to the east
- ✗ B. 2 km to the south
- ✓ C. 2 km to the west
- ✗ D. 1 km to the west

Question ID : **4410091571870**
Option 1 ID : **4410096208532**
Option 2 ID : **4410096208531**
Option 3 ID : **4410096208533**
Option 4 ID : **4410096208534**
Status : **Answered**
Chosen Option : **C**

Q.65 What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged?

41 − 25 + 2 × 1 ÷ 15 = ?

Ans
- ✗ A. 38
- ✗ B. 37
- ✗ C. 34
- ✓ D. 36

Question ID : **441009556949**
Option 1 ID : **4410092183111**
Option 2 ID : **4410092183112**
Option 3 ID : **4410092183113**
Option 4 ID : **4410092183110**
Status : **Answered**
Chosen Option : **D**

Q.66 This question is based on the five, three-digit numbers given below.
(Left) 531 579 211 298 567 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

What will be the resultant if the second digit of the highest number is added to the second digit of the lowest number?

Ans
- ✓ A. 8
- ✗ B. 12
- ✗ C. 9
- ✗ D. 7

Question ID : **4410091737452**
Option 1 ID : **4410096851541**
Option 2 ID : **4410096851543**
Option 3 ID : **4410096851542**
Option 4 ID : **4410096851540**
Status : **Answered**
Chosen Option : **A**

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Q.67 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
11 - 31
2 - 22

Ans
✔ A. 9 - 29
✘ B. 5 - 35
✘ C. 45 - 96
✘ D. 19 - 35

Question ID : **441009591341**
Option 1 ID : **4410092320478**
Option 2 ID : **4410092320477**
Option 3 ID : **4410092320479**
Option 4 ID : **4410092320480**
Status : **Answered**
Chosen Option : **A**

Q.68 Mr. Samten starts from Point A and drives 15 km towards south. He then takes a left turn, drives 9 km, again turns left and drives 42 km. Next, he takes a left turn, drives 11 km, turns left and drives 17 km. He then takes a right turn and drives 10 km. He takes a final left turn, drives 10 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only, unless specified.)

Ans
✘ A. 16 km towards west
✔ B. 12 km towards east
✘ C. 16 km towards north
✘ D. 12 km towards south

Question ID : **441009761119**
Option 1 ID : **4410092998472**
Option 2 ID : **4410092998469**
Option 3 ID : **4410092998471**
Option 4 ID : **4410092998470**
Status : **Answered**
Chosen Option : **B**

Q.69 In a certain code language,
A + B means 'A is the sister of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means ' A is the father of B'.

How is S related to N if 'S − E x W ÷ T + N'?

Ans
✘ A. Brother
✘ B. Father
✘ C. Mother's sister
✔ D. Mother's brother

Question ID : **441009758303**
Option 1 ID : **4410092987207**
Option 2 ID : **4410092987208**
Option 3 ID : **4410092987206**
Option 4 ID : **4410092987205**
Status : **Answered**
Chosen Option : **D**

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Q.70 W, I, N, T, E,R and S are sitting around a circular table facing the centre of the table. I sits third to the left of N. Only one person sits between N and W when counted from the left of W. Only two people sit between S and E when counted from the right of E. R is an immediate neighbor of S. Who sits third to the right of T?

Ans
✗ A. W
✗ B. S
✗ C. R
✓ D. I

Question ID : **4410091463171**
Option 1 ID : **4410095780822**
Option 2 ID : **4410095780825**
Option 3 ID : **4410095780824**
Option 4 ID : **4410095780823**
Status : **Answered**
Chosen Option : **D**

Q.71 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. DIO
✗ B. EJP
✗ C. AFL
✓ D. JOT

Question ID : **4410091367345**
Option 1 ID : **4410095400827**
Option 2 ID : **4410095400828**
Option 3 ID : **4410095400830**
Option 4 ID : **4410095400829**
Status : **Answered**
Chosen Option : **D**

Q.72 What should come in place of ? in the given series based on the English alphabetical order?
JPT INQ HLN GJK ?

Ans
✓ A. FHH
✗ B. FHI
✗ C. FIH
✗ D. FII

Question ID : **4410091492211**
Option 1 ID : **4410095894569**
Option 2 ID : **4410095894570**
Option 3 ID : **4410095894571**
Option 4 ID : **4410095894572**
Status : **Answered**
Chosen Option : **A**

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Q.73 L, B, C, D, G and M live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only five people live below G. Only two people live between M and G. L lives immediately below C but not on an odd-numbered floor. B does not live on an even-numbered floor.
How many people live between D and C?

Ans
✗ A. Three
✓ B. Two
✗ C. Four
✗ D. One

Question ID : **4410091441181**
Option 1 ID : **4410095693383**
Option 2 ID : **4410095693384**
Option 3 ID : **4410095693381**
Option 4 ID : **4410095693382**
Status : **Answered**
Chosen Option : **B**

Q.74 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and ×' and '÷' are interchanged?
4 ÷ 3 + 16 × 4 − 4 = ?

Ans
✓ A. 12
✗ B. 8
✗ C. 10
✗ D. 6

Question ID : **441009926104**
Option 1 ID : **4410093658484**
Option 2 ID : **4410093658485**
Option 3 ID : **4410093658486**
Option 4 ID : **4410093658487**
Status : **Answered**
Chosen Option : **A**

Q.75 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. OSP
✓ B. HMI
✗ C. WAX
✗ D. FJG

Question ID : **4410091000020**
Option 1 ID : **4410093951924**
Option 2 ID : **4410093951923**
Option 3 ID : **4410093951925**
Option 4 ID : **4410093951926**
Status : **Answered**
Chosen Option : **B**

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Q.76 PURE is related to URWB in a certain way based on the English alphabetical order. In the same way, RING is related to WFSD. To which of the given options is SOUL related, following the same logic?

Ans
✗ A. XZIL
✗ B. NLPI
✓ C. XLZI
✗ D. NPIL

Question ID : **441009907913**
Option 1 ID : **4410093585463**
Option 2 ID : **4410093585460**
Option 3 ID : **4410093585461**
Option 4 ID : **4410093585462**
Status : **Answered**
Chosen Option : **C**

Q.77 E is the father of F. F is the mother of G. G is the wife of H. How is F related to H?

Ans
✗ A. Husband's Mother
✗ B. Husband
✗ C. Mother
✓ D. Wife's Mother

Question ID : **4410091411342**
Option 1 ID : **4410095574391**
Option 2 ID : **4410095574392**
Option 3 ID : **4410095574390**
Option 4 ID : **4410095574389**
Status : **Answered**
Chosen Option : **D**

Q.78 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) X # $ L K M O > ? A S + T % @ A P & ? X Z R @ * + # I O ? & @ E R $ Y U ? (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by a letter?

Ans
✗ A. 3
✓ B. 2
✗ C. 1
✗ D. 4

Question ID : **441009785115**
Option 1 ID : **4410093094465**
Option 2 ID : **4410093094464**
Option 3 ID : **4410093094463**
Option 4 ID : **4410093094466**
Status : **Answered**
Chosen Option : **B**

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Q.79 Each vowel in the word COLLECT is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be first from the right in the new group of letters thus formed?

Ans
✗ A. F
✗ B. K
✗ C. B
✓ D. S

Question ID : **441009806323**
Option 1 ID : **4410093179418**
Option 2 ID : **4410093179417**
Option 3 ID : **4410093179416**
Option 4 ID : **4410093179415**
Status : **Answered**
Chosen Option : **D**

Q.80 KRPM is related to QXVS in a certain way based on the English alphabetical order. In the same way, FMKH is related to LSQN. To which of the following is AHFC related, following the same logic?

Ans
✗ A. GNIL
✗ B. NGIL
✗ C. NGLI
✓ D. GNLI

Question ID : **4410091645452**
Option 1 ID : **4410096498339**
Option 2 ID : **4410096498341**
Option 3 ID : **4410096498340**
Option 4 ID : **4410096498338**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

Q.81 Who was named the Laureus World Sportswoman of the Year at the 2026 Laureus World Sports Awards?

Ans
✗ A. Sydney McLaughlin-Levrone
✗ B. Katie Ledecky
✗ C. Aitana Bonmatí
✓ D. Aryna Sabalenka

Question ID : **4410092013370**
Option 1 ID : **4410097928090**
Option 2 ID : **4410097928087**
Option 3 ID : **4410097928088**
Option 4 ID : **4410097928089**
Status : **Not Answered**
Chosen Option : **--**

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Q.82 In February 2026, the Defence Research & Development Organisation (DRDO) successfully demonstrated which advanced propulsion technology from the Integrated Test Range (ITR), Chandipur, Odisha, enabling the development of long-range air-to-air missiles?

Ans

✗ A. Scramjet propulsion technology

✓ B. Solid Fuel Ducted Ramjet technology

✗ C. Liquid-propellant rocket engine technology

✗ D. Turbojet propulsion technology

Question ID : **4410091727945**
Option 1 ID : **4410096814366**
Option 2 ID : **4410096814363**
Option 3 ID : **4410096814364**
Option 4 ID : **4410096814365**
Status : **Answered**
Chosen Option : **B**

Q.83 Which football club was honored as the Laureus World Team of the Year in 2026 after capturing its historic first-ever UEFA Champions League title?

Ans

✗ A. Real Madrid

✓ B. Paris Saint-Germain

✗ C. Manchester City

✗ D. Bayern Munich

Question ID : **4410092009334**
Option 1 ID : **4410097912606**
Option 2 ID : **4410097912607**
Option 3 ID : **4410097912608**
Option 4 ID : **4410097912609**
Status : **Not Answered**
Chosen Option : **--**

Q.84 What is the primary objective of the National Project approved by the MoPR and NDMA in December 2025 (unfolding in 2026) with an outlay of over Rs 500 crore?

Ans

✗ A. Purchasing fire-fighting drones for metro cities

✗ B. Constructing underground tsunami shelters in the Andaman Islands

✓ C. Strengthening community-based disaster risk reduction in Panchayati Raj institutions

✗ D. Building a new National Cyclone Warning Centre

Question ID : **4410092008723**
Option 1 ID : **4410097910168**
Option 2 ID : **4410097910169**
Option 3 ID : **4410097910167**
Option 4 ID : **4410097910166**
Status : **Answered**
Chosen Option : **D**

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Q.85 Who won the gold medal in the men's 60m event at the National Indoor Athletics Championships 2026?

Ans

✗ A. Reegan Ganesh

✓ B. Gurindervir Singh

✗ C. Animesh Kujur

✗ D. Mohammed Afsal

Question ID : **4410092009213**
Option 1 ID : **4410097912125**
Option 2 ID : **4410097912122**
Option 3 ID : **4410097912124**
Option 4 ID : **4410097912123**
Status : **Not Answered**
Chosen Option : **--**

Q.86 In February 2026, which ministry released the draft of the Defence Acquisition Procedure (DAP) 2026?

Ans

✗ A. Ministry of External Affairs

✗ B. Ministry of Heavy Industries

✓ C. Ministry of Defence

✗ D. Ministry of Finance

Question ID : **4410092009239**
Option 1 ID : **4410097912226**
Option 2 ID : **4410097912229**
Option 3 ID : **4410097912227**
Option 4 ID : **4410097912228**
Status : **Answered**
Chosen Option : **C**

Q.87 The 14th edition of Joint Military Exercise EKUVERIN, conducted from 2–15 December 2025 at Thiruvananthapuram, involved the Indian Army contingent from the Garhwal Rifles and which of the following armed forces personnel?

Ans

✓ A. The Maldives National Defence Force (MNDF)

✗ B. The Mauritius Police Special Mobile Force

✗ C. The Seychelles People's Defence Forces

✗ D. The Sri Lanka Army Special Forces Command

Question ID : **4410092067367**
Option 1 ID : **4410098138580**
Option 2 ID : **4410098138581**
Option 3 ID : **4410098138578**
Option 4 ID : **4410098138579**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.88 On 30th January 2026, the Ministry of Minority Affairs launched which new modules on the UMEED Central Portal?

Ans

✔ A. Survey Module and Waqf Property Lease Module

✘ B. Audit Module and Registration Module

✘ C. Land Record Module and Donation Module

✘ D. Tax Module and Compliance Module

Question ID : **4410092009247**
Option 1 ID : **4410097912259**
Option 2 ID : **4410097912260**
Option 3 ID : **4410097912258**
Option 4 ID : **4410097912261**
Status : **Not Answered**
Chosen Option : **--**

Q.89 The "Nirbhaya Nisha" project, operationalised on March 8, 2026, to ensure safe and independent night travel for women, is an initiative of which Indian state's police force?

Ans

✘ A. Tamil Nadu Police

✔ B. Kerala Police

✘ C. Karnataka Police

✘ D. Andhra Pradesh Police

Question ID : **4410092009323**
Option 1 ID : **4410097912563**
Option 2 ID : **4410097912564**
Option 3 ID : **4410097912562**
Option 4 ID : **4410097912565**
Status : **Answered**
Chosen Option : **C**

Q.90 The Supreme Court's observation that access to trauma care forms an inseparable part of the Right to Life was made under which Article of the Constitution of India?

Ans

✘ A. Article 19

✔ B. Article 21

✘ C. Article 32

✘ D. Article 25

Question ID : **4410092067286**
Option 1 ID : **4410098138262**
Option 2 ID : **4410098138263**
Option 3 ID : **4410098138265**
Option 4 ID : **4410098138264**
Status : **Not Answered**
Chosen Option : **--**

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Q.91 Which Indian Institute of Technology (IIT) introduced Omega Ball, in April 2026, an innovative three-team football format, marking its debut in India?

Ans
- ✔ A. IIT Madras
- ✘ B. IIT Kharagpur
- ✘ C. IIT Mumbai
- ✘ D. IIT Delhi

Question ID : **4410092092715**
Option 1 ID : **4410098238854**
Option 2 ID : **4410098238855**
Option 3 ID : **4410098238852**
Option 4 ID : **4410098238853**
Status : **Not Answered**
Chosen Option : **--**

Q.92 According to the Ministry of Environment, Forest and Climate Change notification issued during 2026, which of the following wildlife sanctuaries was declared an Eco-Sensitive Zone?

Ans
- ✔ A. Kumbhalgarh Wildlife Sanctuary
- ✘ B. Sultanpur Wildlife Sanctuary
- ✘ C. Dandeli Wildlife Sanctuary
- ✘ D. Pobitora Wildlife Sanctuary

Question ID : **4410092054262**
Option 1 ID : **4410098087462**
Option 2 ID : **4410098087461**
Option 3 ID : **4410098087463**
Option 4 ID : **4410098087460**
Status : **Not Answered**
Chosen Option : **--**

Q.93 According to Stanford University's 2025 Global AI Vibrancy Tool report, what was India's global ranking in Artificial Intelligence competitiveness?

Ans
- ✔ A. Third position
- ✘ B. Fourth position
- ✘ C. Fifth position
- ✘ D. Seventh position

Question ID : **4410092067290**
Option 1 ID : **4410098138279**
Option 2 ID : **4410098138281**
Option 3 ID : **4410098138280**
Option 4 ID : **4410098138278**
Status : **Answered**
Chosen Option : **C**

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Q.94 In 2026, which of the following All India Institute of Medical Sciences (AIIMS) became the first AIIMS in India to host a Gen Z Post Office initiative?

Ans

✗ A. AIIMS Nagpur

✗ B. AIIMS Patna

✓ C. AIIMS Jammu

✗ D. AIIMS New Delhi

Question ID : **4410092061201**
Option 1 ID : **4410098114641**
Option 2 ID : **4410098114638**
Option 3 ID : **4410098114639**
Option 4 ID : **4410098114640**
Status : **Answered**
Chosen Option : **D**

Q.95 According to the Responsible Nations Index (RNI) 2026, which evaluates countries based on their contribution to global well-being and international responsibility, what rank was secured by India?

Ans

✗ A. 10th position globally

✗ B. 12th position globally

✗ C. 18th position globally

✓ D. 16th position globally

Question ID : **4410091998274**
Option 1 ID : **4410097869711**
Option 2 ID : **4410097869709**
Option 3 ID : **4410097869712**
Option 4 ID : **4410097869710**
Status : **Not Answered**
Chosen Option : **--**

Q.96 Who is the chairman of the international organisation, Board of Peace, which was founded in January 2026?

Ans

✗ A. Hamad bin Isa Al Khalifa

✗ B. Alyaksandr Lukashenka

✗ C. Benjamin Netanyahu

✓ D. Donald J. Trump

Question ID : **4410092095823**
Option 1 ID : **4410098250781**
Option 2 ID : **4410098250782**
Option 3 ID : **4410098250780**
Option 4 ID : **4410098250783**
Status : **Answered**
Chosen Option : **D**

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Q.97 The national-level celebration of National Science Day, organized by the Department of Science and Technology at Vigyan Bhawan in New Delhi during 2026, was conducted under which official theme?

Ans
- ✔ A. Women in Science: Catalysing Viksit Bharat
- ✘ B. The Role of Science in National Development
- ✘ C. Integrated Approach in S&T for Sustainable Future
- ✘ D. Indigenous Technologies for Viksit Bharat

Question ID : **4410092065639**
Option 1 ID : **4410098132112**
Option 2 ID : **4410098132110**
Option 3 ID : **4410098132113**
Option 4 ID : **4410098132111**
Status : **Not Answered**
Chosen Option : **--**

Q.98 Which actor was posthumously conferred with Padma Vibhushan award by government of India in 2026?

Ans
- ✔ A. Dharmendra Singh Deol
- ✘ B. Manoj Kumar
- ✘ C. Rishi Kapoor
- ✘ D. Raj Kumar

Question ID : **4410092084028**
Option 1 ID : **4410098204259**
Option 2 ID : **4410098204260**
Option 3 ID : **4410098204262**
Option 4 ID : **4410098204261**
Status : **Not Answered**
Chosen Option : **--**

Q.99 Which country participated as a partner country in Gulfood 2026, the world's largest annual food and beverage sourcing event being held in Dubai from January 26-30, 2026?

Ans
- ✘ A. China
- ✘ B. Brazil
- ✘ C. Japan
- ✔ D. India

Question ID : **4410092009250**
Option 1 ID : **4410097912271**
Option 2 ID : **4410097912272**
Option 3 ID : **4410097912273**
Option 4 ID : **4410097912270**
Status : **Answered**
Chosen Option : **D**

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Q.10 0 In FY 2026, which expenditure category, with a growth of 7.0%, indicated strengthening consumer demand?

Ans
- ✗ A. Export Expenditure
- ✗ B. Defence Expenditure
- ✓ C. Private Final Consumption Expenditure
- ✗ D. Government Capital Expenditure

Question ID : **4410092009189**
Option 1 ID : **4410097912028**
Option 2 ID : **4410097912029**
Option 3 ID : **4410097912026**
Option 4 ID : **4410097912027**
Status : **Answered**
Chosen Option : **D**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Registration Number	J92503971412
Roll Number	189254291084745
Candidate Name	THEJES M
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ Kannur
Test Date	05/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

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Q.1 **Which of the following statement(s) is/are true?**

Statement I: The symbol 'Ag' stands for gold.
Statement II: The symbol 'Pb' represents lead.

Ans
- ✗ A. Both statements are correct
- ✓ B. Statement I is incorrect, Statement II is correct
- ✗ C. Both statements are incorrect
- ✗ D. Statement I is correct, Statement II is incorrect

Question ID : **4410091691121**
Option 1 ID : **4410096670694**
Option 2 ID : **4410096670695**
Option 3 ID : **4410096670697**
Option 4 ID : **4410096670696**
Status : **Answered**
Chosen Option : **B**

Q.2 **After severe trauma, a bird develops difficulty in body support and movement. Which vertebrate system is primarily affected?**

Ans
- ✗ A. Simple digestive sac
- ✗ B. External gill arches
- ✓ C. Internal skeletal framework
- ✗ D. Basic muscle bands

Question ID : **4410091993668**
Option 1 ID : **4410097852210**
Option 2 ID : **4410097852211**
Option 3 ID : **4410097852212**
Option 4 ID : **4410097852209**
Status : **Answered**
Chosen Option : **C**

Q.3 **Which energy source is essential to initiate most decomposition reactions successfully?**

Ans
- ✗ A. Atmospheric pressure alone
- ✓ B. Heat, light or electrical energy
- ✗ C. Presence of catalyst only
- ✗ D. Mechanical stirring force

Question ID : **4410091704460**
Option 1 ID : **4410096722903**
Option 2 ID : **4410096722902**
Option 3 ID : **4410096722904**
Option 4 ID : **4410096722905**
Status : **Answered**
Chosen Option : **B**

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Q.4 Why are non biodegradable substances harmful to the environment?

Ans

✔ A. They persist for a long time and may harm organisms

✘ B. They enrich the soil

✘ C. They increase the oxygen level in air

✘ D. They decompose very quickly

Question ID : **4410091127860**
Option 1 ID : **4410094447006**
Option 2 ID : **4410094447004**
Option 3 ID : **4410094447007**
Option 4 ID : **4410094447005**
Status : **Answered**
Chosen Option : **A**

Q.5 Which of the following is commonly used as an olfactory indicator?

Ans

✔ A. Vanilla essence

✘ B. Litmus

✘ C. Methyl orange

✘ D. Phenolphthalein

Question ID : **441009873223**
Option 1 ID : **4410093446120**
Option 2 ID : **4410093446119**
Option 3 ID : **4410093446122**
Option 4 ID : **4410093446121**
Status : **Answered**
Chosen Option : **A**

Q.6 Which statement best identifies a metalloid based on its properties?

Ans

✘ A. It shows properties identical to metals in all conditions

✘ B. It shows properties identical to non-metals in all conditions

✔ C. It shows properties intermediate between metals and non-metals

✘ D. It shows properties that are unrelated to metals and non-metals

Question ID : **4410091646769**
Option 1 ID : **4410096503321**
Option 2 ID : **4410096503322**
Option 3 ID : **4410096503323**
Option 4 ID : **4410096503324**
Status : **Answered**
Chosen Option : **C**

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Q.7 **A student places a small candle between the center of curvature and the principal focus of a concave mirror. What type of image will be formed by the mirror according to the ray diagram rules?**

Ans
- ✔ A. Real, inverted and enlarged image is produced beyond the center of curvature
- ✘ B. Virtual, erect and enlarged image is produced behind the mirror
- ✘ C. Virtual, erect and diminished image is produced between pole and focus
- ✘ D. Real, inverted and same size image is produced at the center of curvature

Question ID : **4410092046410**
Option 1 ID : **4410098057709**
Option 2 ID : **4410098057711**
Option 3 ID : **4410098057710**
Option 4 ID : **4410098057712**
Status : **Answered**
Chosen Option : **A**

Q.8 **Why is tungsten used as the filament material in electric bulbs?**

Ans
- ✘ A. It produces more heat than other metals at lower temperatures.
- ✔ B. It has a high melting point and can withstand high temperatures without melting.
- ✘ C. It reacts with nitrogen and argon to create a brighter light.
- ✘ D. It is the cheapest metal available for manufacturing filaments.

Question ID : **4410092045833**
Option 1 ID : **4410098055406**
Option 2 ID : **4410098055405**
Option 3 ID : **4410098055407**
Option 4 ID : **4410098055408**
Status : **Answered**
Chosen Option : **B**

Q.9 **In a simple machine, the force that must be overcome is called the _____.**

Ans
- ✘ A. Energy
- ✔ B. Load
- ✘ C. Effort
- ✘ D. Power

Question ID : **4410092046312**
Option 1 ID : **4410098057324**
Option 2 ID : **4410098057322**
Option 3 ID : **4410098057321**
Option 4 ID : **4410098057323**
Status : **Answered**
Chosen Option : **C**

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Q.10 Which of the following is NOT biodegradable?

Ans
- ✗ A. Paper
- ✗ B. Wool
- ✓ C. Plastic
- ✗ D. Leather

Question ID : **4410091979059**
Option 1 ID : **4410097795136**
Option 2 ID : **4410097795135**
Option 3 ID : **4410097795138**
Option 4 ID : **4410097795137**
Status : **Answered**
Chosen Option : **C**

Q.11 Complete the analogy.

Pollination : Transfer of Pollen :: Fertilisation : _____.

Ans
- ✗ A. Absorption of water
- ✓ B. Fusion of gametes
- ✗ C. Growth of stem
- ✗ D. Ripening of fruit

Question ID : **4410091979437**
Option 1 ID : **4410097796661**
Option 2 ID : **4410097796660**
Option 3 ID : **4410097796662**
Option 4 ID : **4410097796659**
Status : **Answered**
Chosen Option : **B**

Q.12 Which of the following describes an object moving with uniform motion along a straight line?

Ans
- ✗ A. An object changing direction at intervals
- ✓ B. An object traveling at a constant speed in one direction
- ✗ C. An object accelerating as it moves forward
- ✗ D. An object stopping and starting repeatedly

Question ID : **4410092046210**
Option 1 ID : **4410098056913**
Option 2 ID : **4410098056915**
Option 3 ID : **4410098056916**
Option 4 ID : **4410098056914**
Status : **Answered**
Chosen Option : **B**

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Q.13 If a metal and a non-metal is mixed to form a compound, which type of charged species is most likely present, and how are they classified?

Ans

✗ A. Molecules; classified as acids and bases

✓ B. Ions; classified as cations and anions

✗ C. Elements; classified as metals and non-metals

✗ D. Atoms; classified as protons and neutrons

Question ID : **4410091720936**
Option 1 ID : **4410096787000**
Option 2 ID : **4410096787001**
Option 3 ID : **4410096786998**
Option 4 ID : **4410096786999**
Status : **Answered**
Chosen Option : **B**

Q.14 Which of the following statements is CORRECT regarding the refining of metals?

Ans

✗ A. Refining is only used for highly reactive metals.

✓ B. Refining is used to remove impurities from the extracted metal.

✗ C. Refining involves converting the ore to oxide form.

✗ D. Refining is the process of extracting metal from its ore.

Question ID : **4410091078825**
Option 1 ID : **4410094252624**
Option 2 ID : **4410094252622**
Option 3 ID : **4410094252623**
Option 4 ID : **4410094252621**
Status : **Answered**
Chosen Option : **B**

Q.15 A student places a candle beyond the center of curvature of a convex lens. What type of image is most likely to be formed on the other side of the lens?

Ans

✗ A. A real and inverted image of the same size as the object

✗ B. A virtual and erect image larger than the object

✗ C. A virtual and inverted image smaller than the object

✓ D. A real and inverted image smaller than the object

Question ID : **4410092046403**
Option 1 ID : **4410098057682**
Option 2 ID : **4410098057683**
Option 3 ID : **4410098057684**
Option 4 ID : **4410098057681**
Status : **Answered**
Chosen Option : **D**

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Q.16 What is the conventional direction of electric current in a metallic circuit?

Ans

✗ A. From the negative terminal to the positive terminal

✗ B. Randomly between any two points

✗ C. In the direction of electron movement

✓ D. From the positive terminal to the negative terminal

Question ID : **4410092045843**
Option 1 ID : **4410098055448**
Option 2 ID : **4410098055447**
Option 3 ID : **4410098055446**
Option 4 ID : **4410098055445**
Status : **Answered**
Chosen Option : **D**

Q.17 What is the main force that pulls water upward through the xylem in tall trees?

Ans

✓ A. Transpiration pull

✗ B. Root pressure

✗ C. Capillary action

✗ D. Diffusion

Question ID : **4410092017281**
Option 1 ID : **4410097943223**
Option 2 ID : **4410097943225**
Option 3 ID : **4410097943226**
Option 4 ID : **4410097943224**
Status : **Answered**
Chosen Option : **A**

Q.18 Which of the following properties of carbon leads to the formation of a large number of compounds?

Ans

✗ A. Malleability and Sonority

✗ B. Non flexibility

✓ C. Catenation and Tetravalency

✗ D. Combustibility and Ductility

Question ID : **4410091049473**
Option 1 ID : **4410094147000**
Option 2 ID : **4410094147001**
Option 3 ID : **4410094146998**
Option 4 ID : **4410094146999**
Status : **Answered**
Chosen Option : **C**

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Q.19 Why do most plant supportive tissues consist of dead cells, whereas animal supportive tissues are made up of living cells?

Ans

✗ A. Plants do not require living cells at all

✓ B. Dead cells in plants provide structural strength without requiring energy

✗ C. Because dead cells divide faster in plants than in animals

✗ D. Animal tissues are dead to avoid immune reactions

Question ID : **4410091626640**
Option 1 ID : **4410096424930**
Option 2 ID : **4410096424929**
Option 3 ID : **4410096424928**
Option 4 ID : **4410096424931**
Status : **Answered**
Chosen Option : **B**

Q.20 A patient has a chronic infection from a eukaryotic organism that reproduces via spores and has a chitin cell wall. Which type of organism is most likely responsible for this infection?

Ans

✗ A. Algae

✓ B. Fungus

✗ C. Protozoa

✗ D. Bacteria

Question ID : **4410091978867**
Option 1 ID : **4410097794367**
Option 2 ID : **4410097794370**
Option 3 ID : **4410097794369**
Option 4 ID : **4410097794368**
Status : **Answered**
Chosen Option : **B**

Q.21 A car with a mass 2000 kg accelerates at 4 m/s². According to Newton's Second Law, what is the magnitude of the force applied to the car?

Ans

✗ A. 2500 N

✗ B. 1000 N

✗ C. 500 N

✓ D. 8000 N

Question ID : **4410092046136**
Option 1 ID : **4410098056620**
Option 2 ID : **4410098056617**
Option 3 ID : **4410098056619**
Option 4 ID : **4410098056618**
Status : **Answered**
Chosen Option : **D**

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Q.22 Consider the conversion of ethanol (CH_3CH_2OH) to acetic acid (CH_3COOH) using acidified potassium dichromate:
Statement I: This is an example of an oxidation reaction.
Statement II: Acidified potassium dichromate is an oxidizing agent.
Statement III: Acidified potassium dichromate is a reducing agent.
Which of the following is correct?

Ans
✗ A. II and III are true
✓ B. I and II are true
✗ C. I and III are true
✗ D. Only I is true

Question ID : **4410091652748**
Option 1 ID : **4410096526614**
Option 2 ID : **4410096526612**
Option 3 ID : **4410096526613**
Option 4 ID : **4410096526615**
Status : **Answered**
Chosen Option : **B**

Q.23 A roller coaster car relies solely on gravitational potential energy to travel along a track. Which engineering modification will most effectively maximize the maximum speed of the car at its lowest point?

Ans
✗ A. Decreasing the structural mass of the loaded car
✓ B. Increasing the starting elevation of the first hill
✗ C. Introducing a secondary hill of equivalent height
✗ D. Replacing the underlying track with wider rails

Question ID : **4410092046041**
Option 1 ID : **4410098056239**
Option 2 ID : **4410098056240**
Option 3 ID : **4410098056238**
Option 4 ID : **4410098056237**
Status : **Marked For Review**
Chosen Option : **B**

Q.24 A student observes that the incident ray, the refracted ray, and the normal at the point of incidence all lie in one plane. Which law of refraction does this illustrate?

Ans
✗ A. Second law of refraction
✓ B. First law of refraction
✗ C. Law of superposition
✗ D. Law of dispersion

Question ID : **4410091769040**
Option 1 ID : **4410096975925**
Option 2 ID : **4410096975924**
Option 3 ID : **4410096975926**
Option 4 ID : **4410096975927**
Status : **Marked For Review**
Chosen Option : **B**

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Q.25 A patient has difficulty transporting absorbed fats from the intestine. Which fluid's impaired function could cause this problem?

Ans
✗ A. Platelets
✗ B. Plasma
✓ C. Lymph
✗ D. Blood cells

Question ID : **4410091990832**
Option 1 ID : **4410097840966**
Option 2 ID : **4410097840967**
Option 3 ID : **4410097840968**
Option 4 ID : **4410097840965**
Status : **Marked For Review**
Chosen Option : **C**

Section : **Mathematics**

Q.26 Two trains are running on parallel tracks in the same direction. The first train, 150 m long, moves at a speed of 54 km/hr, while the second train, 120 m long, runs at 36 km/hr. How long will it take for the first train, coming from behind, to pass the second train completely?

Ans
✗ A. 40 s
✗ B. 36 s
✓ C. 54 s
✗ D. 45 s

Question ID : **4410091488490**
Option 1 ID : **4410095880172**
Option 2 ID : **4410095880171**
Option 3 ID : **4410095880173**
Option 4 ID : **4410095880174**
Status : **Answered**
Chosen Option : **C**

Q.27 The price of a mobile phone increased from ₹20,000 to ₹24,000. Find the percentage increase in price.

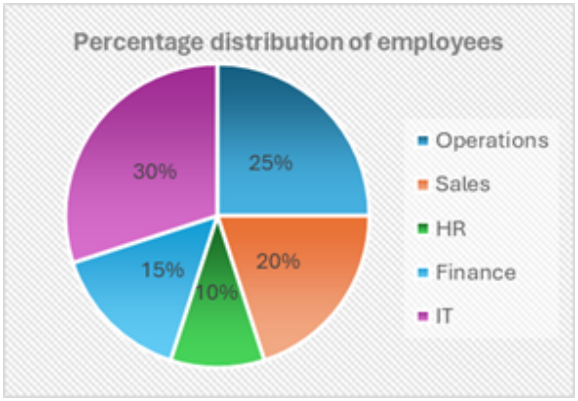
Ans
✓ A. 20%
✗ B. 18%
✗ C. 25%
✗ D. 15%

Question ID : **4410091988820**
Option 1 ID : **4410097833055**
Option 2 ID : **4410097833054**
Option 3 ID : **4410097833056**
Option 4 ID : **4410097833053**
Status : **Answered**
Chosen Option : **A**

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Q.28 A company has 1200 employees divided into various departments. The pie chart below shows the percentage distribution of employees across different departments.



If 15% of the employees in the Sales Department are transferred to the IT Department, how many employees will be left in Sales, and what will be the new percentage of IT employees in the company, respectively?

Ans
✗ A. 204, and 32%
✗ B. 216, and 32%
✓ C. 204, and 33%
✗ D. 216, and 33%

Question ID : **4410091501398**
Option 1 ID : **4410095930014**
Option 2 ID : **4410095930013**
Option 3 ID : **4410095930012**
Option 4 ID : **4410095930015**
Status : **Answered**
Chosen Option : **C**

Q.29 If $\sin\theta + \cos\theta = \sqrt{2}$, find $\sin\theta\cos\theta$.

Ans
✗ A. 0
✗ B. 1
✓ C. $\frac{1}{2}$
✗ D. $\frac{1}{\sqrt{2}}$

Question ID : **4410091702333**
Option 1 ID : **4410096714574**
Option 2 ID : **4410096714576**
Option 3 ID : **4410096714575**
Option 4 ID : **4410096714577**
Status : **Answered**
Chosen Option : **C**

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Q.30 A quadrilateral plot is in the shape of a trapezium. The lengths of the t
between them is 20 m. The plot is to be sold at ₹300 per square mete

Ans
✗ A. ₹2,57,575
✓ B. ₹2,59,800
✗ C. ₹2,54,960
✗ D. ₹2,56,788

Question ID : **4410091532128**
Option 1 ID : **4410096051567**
Option 2 ID : **4410096051568**
Option 3 ID : **4410096051569**
Option 4 ID : **4410096051566**
Status : **Answered**
Chosen Option : **B**

Q.31 In an isosceles triangle UVW, UV = UW = 25 cm and VW = 14 cm, find the area of triangle UVW.

Ans
✓ A. 168 cm^2
✗ B. 180 cm^2
✗ C. 154 cm^2
✗ D. 192 cm^2

Question ID : **441009602735**
Option 1 ID : **4410092366058**
Option 2 ID : **4410092366059**
Option 3 ID : **4410092366057**
Option 4 ID : **4410092366060**
Status : **Answered**
Chosen Option : **A**

Q.32 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 42 hours and pipe C can fill the same tank in 7 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
✗ A. 2
✗ B. 4
✓ C. 1
✗ D. 3

Question ID : **441009517477**
Option 1 ID : **4410092025328**
Option 2 ID : **4410092025330**
Option 3 ID : **4410092025327**
Option 4 ID : **4410092025329**
Status : **Answered**
Chosen Option : **A**

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Q.33 Ten observations written in descending order are 45, 34, 32, 30, 2x – 15, x + 3, 17, 15, 14, and 8. If the median is 24, then find the value of x.

Ans
✔ A. 20
✘ B. 25
✘ C. 21
✘ D. 24

Question ID : **44100922196**
Option 1 ID : **44100988525**
Option 2 ID : **44100988526**
Option 3 ID : **44100988524**
Option 4 ID : **44100988523**
Status : **Answered**
Chosen Option : **A**

Q.34 If cos A − sin A = √2 sin A, then what is the value of (cos A − sin A)/(cos A + sin A)?

Ans
✘ A. sinA
✘ B. cosA
✘ C. cotA
✔ D. tanA

Question ID : **441009595223**
Option 1 ID : **4410092336010**
Option 2 ID : **4410092336009**
Option 3 ID : **4410092336011**
Option 4 ID : **4410092336012**
Status : **Answered**
Chosen Option : **D**

Q.35 Gopal had ₹1,681 with him. He divided this amount between his sons, Akshay and Arjun, and asked them to invest their respective shares at a rate of 5% per annum, compounded annually. It was observed that Akshay and Arjun received the same amount after 15 years and 16 years, respectively. How much (in ₹) did Gopal give to Akshay?

Ans
✘ A. 920
✘ B. 820
✔ C. 861
✘ D. 711

Question ID : **441009573617**
Option 1 ID : **4410092249591**
Option 2 ID : **4410092249589**
Option 3 ID : **4410092249588**
Option 4 ID : **4410092249590**
Status : **Answered**
Chosen Option : **C**

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Q.36 Kaushal travelled for 1 hour 21 minutes at the speed of 80 km/h. At what speed (in km/h) should he travel to cover the same distance in 12 hours?

Ans
✔ A. 9
✘ B. 8
✘ C. 12
✘ D. 7

Question ID : **441009545462**
Option 1 ID : **4410092137244**
Option 2 ID : **4410092137247**
Option 3 ID : **4410092137246**
Option 4 ID : **4410092137245**
Status : **Answered**
Chosen Option : **A**

Q.37 The number $1.\overline{074}$, when written in the form $\frac{p}{q}$, is equal to:

Ans
✘ A. $\frac{274}{999}$
✘ B. $\frac{37}{27}$
✔ C. $\frac{29}{27}$
✘ D. $\frac{174}{999}$

Question ID : **4410091344511**
Option 1 ID : **4410095310740**
Option 2 ID : **4410095310742**
Option 3 ID : **4410095310741**
Option 4 ID : **4410095310743**
Status : **Marked For Review**
Chosen Option : **D**

Q.38 The circumference of the base of a solid cone is 16π cm and the heigl

The cost of painting this solid at a rate of ₹14 per square cm (Use π :

Ans
✘ A. ₹8,822
✘ B. ₹8,910
✘ C. ₹8,921
✔ D. ₹8,800

Question ID : **4410091654414**
Option 1 ID : **4410096532663**
Option 2 ID : **4410096532661**
Option 3 ID : **4410096532660**
Option 4 ID : **4410096532662**
Status : **Answered**
Chosen Option : **D**

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Q.39 A sum of money amounts to ₹9,016 at the rate of 12% compound interest per annum, compounded annually for 2 years. The sum of money is:

Ans
- ✗ A. ₹7,189.50
- ✗ B. ₹7,175.50
- ✓ C. ₹7,187.50
- ✗ D. ₹7,163.50

Question ID : **4410091983327**
Option 1 ID : **4410097812000**
Option 2 ID : **4410097811998**
Option 3 ID : **4410097811999**
Option 4 ID : **4410097811997**
Status : **Answered**
Chosen Option : **C**

Q.40 What will be the average of 5, 6, 7, 8, 9, ……, 66, 67, 68, 69, 70, 71?

Ans
- ✓ A. 38
- ✗ B. 34
- ✗ C. 36
- ✗ D. 32

Question ID : **4410091981025**
Option 1 ID : **4410097802923**
Option 2 ID : **4410097802921**
Option 3 ID : **4410097802922**
Option 4 ID : **4410097802920**
Status : **Answered**
Chosen Option : **A**

Q.41 A beautician buys some beauty products worth ₹9,500 but later sells them for ₹7,885. Find her loss percentage.

Ans
- ✗ A. 19%
- ✗ B. 11%
- ✓ C. 17%
- ✗ D. 13%

Question ID : **441009975543**
Option 1 ID : **4410093855171**
Option 2 ID : **4410093855174**
Option 3 ID : **4410093855173**
Option 4 ID : **4410093855172**
Status : **Answered**
Chosen Option : **C**

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Q.42 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 59% and 97%, shop II allows successive discounts of 67% and 14%, shop III allows successive discounts of 13% and 18% and shop IV allows successive discounts of 80%, 46%, and 90% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. I
- ✗ B. II
- ✓ C. IV
- ✗ D. III

Question ID : **4410095368899**
Option 1 ID : **4410092102995**
Option 2 ID : **4410092102994**
Option 3 ID : **4410092102992**
Option 4 ID : **4410092102993**
Status : **Answered**
Chosen Option : **C**

Q.43 If the price of a pen decreases from ₹24 to ₹18, the percentage decrease is:

Ans
- ✓ A. 25%
- ✗ B. 15%
- ✗ C. 35%
- ✗ D. 5%

Question ID : **4410091637242**
Option 1 ID : **4410096466509**
Option 2 ID : **4410096466508**
Option 3 ID : **4410096466510**
Option 4 ID : **4410096466507**
Status : **Answered**
Chosen Option : **A**

Q.44 Three numbers are in the ratio 4:5:6. If the sum of the largest and smallest numbers is 165 more than the third number, what is the largest number?

Ans
- ✗ A. 196
- ✗ B. 194
- ✓ C. 198
- ✗ D. 192

Question ID : **4410091995020**
Option 1 ID : **4410097856711**
Option 2 ID : **4410097856710**
Option 3 ID : **4410097856712**
Option 4 ID : **4410097856709**
Status : **Answered**
Chosen Option : **C**

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Q.45 What is the least value that must be assigned to A so that the number 455A1280 is divisible by 30?

Ans
- ✗ A. 3
- ✗ B. 5
- ✓ C. 2
- ✗ D. 4

Question ID : **441009560196**
Option 1 ID : **4410092196053**
Option 2 ID : **4410092196051**
Option 3 ID : **4410092196054**
Option 4 ID : **4410092196052**
Status : **Answered**
Chosen Option : **C**

Q.46 Riya deposited ₹5,000 in a bank at a rate of 6% per annum. What will be the simple interest earned after 3 years?

Ans
- ✗ A. ₹1000
- ✗ B. ₹600
- ✓ C. ₹900
- ✗ D. ₹750

Question ID : **4410091248962**
Option 1 ID : **4410094929037**
Option 2 ID : **4410094929036**
Option 3 ID : **4410094929035**
Option 4 ID : **4410094929038**
Status : **Answered**
Chosen Option : **C**

Q.47 For a given data, if mean is 45.76 and mode is 29.44, then find the median using empirical formula.

Ans
- ✗ A. 43.78
- ✗ B. 41.34
- ✓ C. 40.32
- ✗ D. 42.45

Question ID : **4410091988606**
Option 1 ID : **4410097832200**
Option 2 ID : **4410097832198**
Option 3 ID : **4410097832197**
Option 4 ID : **4410097832199**
Status : **Answered**
Chosen Option : **C**

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Q.48 If a + b = 9 and ab = 13, then the value of $(a^2 + b^2)(a^3 + b^3)$ is:

Ans
✗ A. 20,590
✗ B. 20,190
✗ C. 20,390
✓ D. 20,790

Question ID : **4410091077201**
Option 1 ID : **4410094246189**
Option 2 ID : **4410094246187**
Option 3 ID : **4410094246188**
Option 4 ID : **4410094246190**
Status : **Answered**
Chosen Option : **D**

Q.49 The 7-digit number 92A224B is divisible by 3. What is the minimum value of (A + B)?

Ans
✗ A. 1
✗ B. 3
✓ C. 2
✗ D. 6

Question ID : **441009559342**
Option 1 ID : **4410092192638**
Option 2 ID : **4410092192636**
Option 3 ID : **4410092192635**
Option 4 ID : **4410092192637**
Status : **Answered**
Chosen Option : **C**

Q.50 If $a:b:c:d = \sqrt{4} : \sqrt{3} : \sqrt{2} : 1$, then what is the value of $\left(\frac{-a^2+b^2+c}{a^2-b^2+c}\right.$

Ans
✗ A. -1
✗ B. 2
✓ C. 1
✗ D. -2

Question ID : **4410091410020**
Option 1 ID : **4410095569088**
Option 2 ID : **4410095569090**
Option 3 ID : **4410095569087**
Option 4 ID : **4410095569089**
Status : **Answered**
Chosen Option : **A**

Railway BABA

Section : **General Intelligence and Reasoning**

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Q.51 In a certain code language,

A ^ B means 'A is the wife of B',
A ! B means 'A is the mother of B',
A £ B means 'A is the father of B' and
A € B means 'A is the daughter of B'.

Based on the above, how is P related to U if 'P ^ Q £ S ! T € U'?

Ans
✗ A. Sister
✗ B. Mother
✓ C. Wife's mother
✗ D. Mother's sister

Question ID : **4410091599064**
Option 1 ID : **4410096316047**
Option 2 ID : **4410096316048**
Option 3 ID : **4410096316050**
Option 4 ID : **4410096316049**
Status : **Answered**
Chosen Option : **C**

Q.52 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: SVP :: RUO : %

Ans
✗ A. # = PJH, % = TRR
✗ B. # = PSM, % = UXP
✓ C. # = PSM, % = UXR
✗ D. # = PNB, % = POR

Question ID : **441009761094**
Option 1 ID : **4410092998371**
Option 2 ID : **4410092998372**
Option 3 ID : **4410092998369**
Option 4 ID : **4410092998370**
Status : **Answered**
Chosen Option : **C**

Q.53 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

QPT–UTX
FEI–JIM

Ans
✗ A. WUX–ZYC
✗ B. WUX–AZD
✓ C. SRV–WVZ
✗ D. WVZ–ZZC

Question ID : **4410091148526**
Option 1 ID : **4410094529063**
Option 2 ID : **4410094529062**
Option 3 ID : **4410094529060**
Option 4 ID : **4410094529061**
Status : **Answered**
Chosen Option : **C**

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Q.54 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

30 + 12 × 2 − 8 ÷ 4 = ?

Ans
✔ A. 56
✘ B. 100
✘ C. 103
✘ D. 102

Question ID : **4410091239507**
Option 1 ID : **4410094891477**
Option 2 ID : **4410094891474**
Option 3 ID : **4410094891476**
Option 4 ID : **4410094891475**
Status : **Answered**
Chosen Option : **A**

Q.55 Seven boxes B, F, G, H, R, T and Y are kept one over the other but not necessarily in the same order. Only three boxes are kept below Y. Only two boxes are kept between Y and G. Only B is kept above H. F is kept at some place below T and at some place above R. How many boxes are kept below F?

Ans
✘ A. 4
✘ B. 1
✘ C. 3
✔ D. 2

Question ID : **4410091462352**
Option 1 ID : **4410095777521**
Option 2 ID : **4410095777518**
Option 3 ID : **4410095777520**
Option 4 ID : **4410095777519**
Status : **Answered**
Chosen Option : **D**

Q.56 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

16 – 22 – 48 – 38; 9 – 15 – 34 – 24

Ans
✘ A. 18 – 24 – 52 – 62
✘ B. 8 – 14 – 24 – 14
✘ C. 6 – 12 – 20 – 10
✔ D. 14 – 20 – 44 – 34

Question ID : **441009590322**
Option 1 ID : **4410092316404**
Option 2 ID : **4410092316401**
Option 3 ID : **4410092316403**
Option 4 ID : **4410092316402**
Status : **Answered**
Chosen Option : **D**

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Q.57 Six boxes, D, E, F, G, X and Y, are kept one over the other, but not necessarily in the same order.
Only three boxes are kept above X. Only one box is kept between X and G. Only two boxes are kept between Y and G. D is kept immediately below G. X is kept at one of the places above E.
How many boxes are kept between F and X?

Ans
✗ A. Four
✗ B. One
✓ C. Two
✗ D. Three

Question ID : **4410091432278**
Option 1 ID : **4410095657449**
Option 2 ID : **4410095657446**
Option 3 ID : **4410095657447**
Option 4 ID : **4410095657448**
Status : **Answered**
Chosen Option : **C**

Q.58 Refer to the following number and symbol series and answer the question that follows. (All numbers are single-digit numbers only.)

(Left) 2 # 1 ^ 5 $ @ 8 + & 5 $ 2 ! 9 + ? ^ 4 @ 5 8 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
✗ A. 1
✗ B. 9
✓ C. 8
✗ D. 5

Question ID : **441009795722**
Option 1 ID : **4410093136889**
Option 2 ID : **4410093136887**
Option 3 ID : **4410093136888**
Option 4 ID : **4410093136890**
Status : **Answered**
Chosen Option : **C**

Q.59 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Av, Bg, Cz, Dy and Em are sitting around a circular table, facing the centre. Who sits to the immediate right of Cz?
(I) Dy sits second to the right of Em. Bg sits to the immediate left of Dy.
(II) Em sits to the immediate left of Bg. Dy is the immediate neighbour of Av and Bg.

Ans
✗ A. Data in statements I and II together are NOT sufficient to answer the question
✗ B. Data in statement I alone is sufficient to answer the question while data in statement II is not
✓ C. Data in statement II alone is sufficient to answer the question while data in statement I is not
✗ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Question ID : **4410091416040**
Option 1 ID : **4410095592864**
Option 2 ID : **4410095592861**
Option 3 ID : **4410095592862**
Option 4 ID : **4410095592863**
Status : **Answered**
Chosen Option : **C**

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Q.60 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only two people sit between O and P. Only Q sits to the right of C. P sits immediately to the left of C. D sits at some place to the right of E.
How many people sit between Q and E?

Ans
✗ A. Two
✗ B. One
✗ C. None
✓ D. Three

Question ID : **441009787835**
Option 1 ID : **4410093105341**
Option 2 ID : **4410093105340**
Option 3 ID : **4410093105339**
Option 4 ID : **4410093105342**
Status : **Answered**
Chosen Option : **D**

Q.61 In a certain code language, 'good morning all' is coded as 'xy pq lm' and 'all the best' is coded as 'lm ct uv'. How is 'all' coded in the given language? (All the codes are two-letter codes only.)

Ans
✗ A. pq
✗ B. uv
✓ C. lm
✗ D. xy

Question ID : **4410091598981**
Option 1 ID : **4410096315720**
Option 2 ID : **4410096315722**
Option 3 ID : **4410096315721**
Option 4 ID : **4410096315719**
Status : **Answered**
Chosen Option : **C**

Q.62 If + means - , - means × , × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?
41 - 4 ÷ 36 + 39 × 3 = ?

Ans
✓ A. 187
✗ B. 142
✗ C. 151
✗ D. 136

Question ID : **4410091495056**
Option 1 ID : **4410095905907**
Option 2 ID : **4410095905909**
Option 3 ID : **4410095905910**
Option 4 ID : **4410095905908**
Status : **Answered**
Chosen Option : **A**

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Q.63 In a certain code language,
A + B means 'A is the sister of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is S related to N if 'S + E − W ÷ T × N'?

Ans
✗ A. Wife's sister
✗ B. Wife's mother
✗ C. Wife's father's mother
✓ D. Wife's father's sister

Question ID : **441009758299**
Option 1 ID : **4410092987190**
Option 2 ID : **4410092987191**
Option 3 ID : **4410092987192**
Option 4 ID : **4410092987189**
Status : **Answered**
Chosen Option : **D**

Q.64 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: SVX :: GJL : %

Ans
✗ A. # = ILD , % = QTH
✓ B. # = ILN , % = QTV
✗ C. # = ILN , % = QLP
✗ D. # = IRN , % = QTL

Question ID : **441009754946**
Option 1 ID : **4410092973778**
Option 2 ID : **4410092973777**
Option 3 ID : **4410092973780**
Option 4 ID : **4410092973779**
Status : **Answered**
Chosen Option : **B**

Q.65 145 is related to 174 following a certain logic. Following the same logic, 158 is related to 187. To which of the following is 169 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 176
✗ B. 189
✗ C. 205
✓ D. 198

Question ID : **4410091990855**
Option 1 ID : **4410097841043**
Option 2 ID : **4410097841041**
Option 3 ID : **4410097841042**
Option 4 ID : **4410097841044**
Status : **Answered**
Chosen Option : **D**

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Q.66 Each vowel in the word BOUNCED is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fifth from the left in the new group of letters thus formed?

Ans
- ✗ A. A
- ✗ B. C
- ✗ C. D
- ✓ D. B

Question ID : **4410091001144**
Option 1 ID : **4410093956407**
Option 2 ID : **4410093956405**
Option 3 ID : **4410093956406**
Option 4 ID : **4410093956404**
Status : **Answered**
Chosen Option : **D**

Q.67 This question is based on the given words.

RUN FAR TON OLD

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. None
- ✗ B. Two
- ✓ C. Three
- ✗ D. One

Question ID : **4410091988735**
Option 1 ID : **4410097832713**
Option 2 ID : **4410097832715**
Option 3 ID : **4410097832716**
Option 4 ID : **4410097832714**
Status : **Answered**
Chosen Option : **B**

Q.68 If 3 is added to each odd digit and 1 is subtracted from each even digit in the number 5216438, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ A. Two
- ✓ B. None
- ✗ C. Three
- ✗ D. One

Question ID : **441009861636**
Option 1 ID : **4410093399584**
Option 2 ID : **4410093399582**
Option 3 ID : **4410093399585**
Option 4 ID : **4410093399583**
Status : **Answered**
Chosen Option : **B**

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Q.69 Refer to the given number and symbol series and answer the question that follows.
Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) ? 4 ^ / 6 < 2 7 % $ 4 $ 6 9 # 3 9 @ 4 < > (Right)

How many such symbols are there, each of which is immediately preceded by another symbol and also immediately followed by a number?

Ans
✗ A. 1
✗ B. 3
✓ C. 2
✗ D. 4

Question ID : **4410091605940**
Option 1 ID : **4410096342796**
Option 2 ID : **4410096342798**
Option 3 ID : **4410096342797**
Option 4 ID : **4410096342799**
Status : **Answered**
Chosen Option : **C**

Q.70 In a certain code language, 'PARK' is coded as '6795' and 'RACK' is coded as '9562'.
How is 'C' coded in that language?

Ans
✗ A. 9
✗ B. 5
✗ C. 6
✓ D. 2

Question ID : **4410091487207**
Option 1 ID : **4410095875239**
Option 2 ID : **4410095875240**
Option 3 ID : **4410095875241**
Option 4 ID : **4410095875242**
Status : **Answered**
Chosen Option : **D**

Q.71 This question is based on the following words.

(Left) TSO MUD FAN KID (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✗ B. Four
✗ C. Two
✓ D. Three

Question ID : **441009819464**
Option 1 ID : **4410093231982**
Option 2 ID : **4410093231979**
Option 3 ID : **4410093231981**
Option 4 ID : **4410093231980**
Status : **Answered**
Chosen Option : **D**

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Q.72 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. WT − XU
✗ B. VS − WT
✗ C. XU − YV
✓ D. XV − YZ

Question ID : **441009809747**
Option 1 ID : **4410093193112**
Option 2 ID : **4410093193113**
Option 3 ID : **4410093193114**
Option 4 ID : **4410093193111**
Status : **Answered**
Chosen Option : **D**

Q.73 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) W P A P I W I U T X S Z M T Q F W B Z (Right)

How many such vowels are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
✓ A. One
✗ B. Four
✗ C. Two
✗ D. Three

Question ID : **4410091247178**
Option 1 ID : **4410094921933**
Option 2 ID : **4410094921936**
Option 3 ID : **4410094921934**
Option 4 ID : **4410094921935**
Status : **Answered**
Chosen Option : **A**

Q.74 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some wheels are chairs.
No chair is a table.

Conclusion (I): Some wheels are tables.
Conclusion (II): Some tables are wheels.

Ans
✗ A. Both conclusion (I) and conclusion (II) definitely follow
✓ B. Both conclusion (I) and conclusion (II) definitely do not follow
✗ C. Only conclusion (I) definitely follows
✗ D. Only conclusion (II) definitely follows

Question ID : **441009879963**
Option 1 ID : **4410093473507**
Option 2 ID : **4410093473508**
Option 3 ID : **4410093473505**
Option 4 ID : **4410093473506**
Status : **Answered**
Chosen Option : **B**

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Q.75 Each vowel in the word CLIMATE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be third from the right in the new group of letters thus formed?

Ans
✗ A. L
✗ B. F
✗ C. S
✓ D. B

Question ID : **441009806324**
Option 1 ID : **4410093179422**
Option 2 ID : **4410093179421**
Option 3 ID : **4410093179420**
Option 4 ID : **4410093179419**
Status : **Answered**
Chosen Option : **D**

Q.76 What should come in place of ? in the given series based on the English alphabetical order?
EJW DHV CFU BDT ?

Ans
✗ A. ABR
✓ B. ABS
✗ C. ACS
✗ D. ACR

Question ID : **4410091492232**
Option 1 ID : **4410095894656**
Option 2 ID : **4410095894655**
Option 3 ID : **4410095894653**
Option 4 ID : **4410095894654**
Status : **Answered**
Chosen Option : **B**

Q.77 What should come in place of the question mark (?) in the given series?

391 406 436 481 541 ?

Ans
✗ A. 659
✗ B. 639
✗ C. 622
✓ D. 616

Question ID : **4410091987767**
Option 1 ID : **4410097828850**
Option 2 ID : **4410097828849**
Option 3 ID : **4410097828852**
Option 4 ID : **4410097828851**
Status : **Answered**
Chosen Option : **D**

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Q.78 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. MQN
✗ B. ZDA
✓ C. KPL
✗ D. LPM

Question ID : **4410091000014**
Option 1 ID : **4410093951905**
Option 2 ID : **4410093951906**
Option 3 ID : **4410093951903**
Option 4 ID : **4410093951904**
Status : **Answered**
Chosen Option : **C**

Q.79 All 73 people standing in a row are facing North. Denise is 38th from the right end while Lorenz is 44th from the left end. How many people are there between Denise and Lorenz?

Ans
✓ A. 7
✗ B. 5
✗ C. 6
✗ D. 4

Question ID : **4410091463282**
Option 1 ID : **4410095781265**
Option 2 ID : **4410095781263**
Option 3 ID : **4410095781264**
Option 4 ID : **4410095781262**
Status : **Answered**
Chosen Option : **A**

Q.80 W, I, N, T, E, R and S are sitting around a circular table facing the centre of the table. R sits fourth to the right of N. Only two people sit between S and W when counted from the left of S. I sits third to the left of E. T is an immediate neighbor of E and W. How many people between R and T when counted from the left of T?

Ans
✓ A. Four
✗ B. Two
✗ C. One
✗ D. Three

Question ID : **4410091463170**
Option 1 ID : **4410095780821**
Option 2 ID : **4410095780819**
Option 3 ID : **4410095780818**
Option 4 ID : **4410095780820**
Status : **Answered**
Chosen Option : **A**

Railway BABA

Section : **General Awareness and Current Affairs**

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Q.81 Which edition of the bilateral maritime exercise between India and Japan took place during the Sea phase from October 16 to 18, 2025?

Ans

✔ A. JAIMEX-25

✘ B. DHARMA GUARDIAN-25

✘ C. SHINYUU MAITRI-25

✘ D. JIMEX-24

Question ID : **4410092009298**
Option 1 ID : **4410097912463**
Option 2 ID : **4410097912464**
Option 3 ID : **4410097912465**
Option 4 ID : **4410097912462**
Status : **Answered**
Chosen Option : **B**

Q.82 According to the NITI Aayog policy report released in May 2026, what does the recommended "Cylindrical" Schooling model primarily aim to fix within India's education infrastructure?

Ans

✘ A. The digital divide between urban and rural testing hubs

✘ B. The rising costs of higher education textbooks

✔ C. The "leaky pipeline" of student dropouts across transitions

✘ D. The shortage of administrative staff in regional ministries

Question ID : **4410092009318**
Option 1 ID : **4410097912545**
Option 2 ID : **4410097912542**
Option 3 ID : **4410097912543**
Option 4 ID : **4410097912544**
Status : **Marked For Review**
Chosen Option : **A**

Q.83 Which actor won the Academy Award for Best Actor at the 98th Academy Awards for portraying the twin characters Elijah and Elias Moore?

Ans

✘ A. Sean Penn

✘ B. Ryan Coogler

✔ C. Michael B. Jordan

✘ D. Paul Thomas Anderson

Question ID : **4410092009330**
Option 1 ID : **4410097912592**
Option 2 ID : **4410097912593**
Option 3 ID : **4410097912591**
Option 4 ID : **4410097912590**
Status : **Not Answered**
Chosen Option : **--**

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Q.84 Which of the following indigenous anti-tank missile system did DRDO successfully test in January 2026?

Ans

✗ A. Nag Mk2

✗ B. SANT

✗ C. NAMICA

✓ D. MPATGM

Question ID : **4410091659064**
Option 1 ID : **4410096550641**
Option 2 ID : **4410096550644**
Option 3 ID : **4410096550643**
Option 4 ID : **4410096550642**
Status : **Marked For Review**
Chosen Option : **A**

Q.85 On the eve of the 77th Republic Day-2026, a significant gallantry award was approved for Group Captain Shubhanshu Shukla of the Air Force. Which award was conferred upon him for his service?

Ans

✓ A. Ashoka Chakra

✗ B. Kirti Chakra

✗ C. Shaurya Chakra

✗ D. Param Vir Chakra

Question ID : **4410092010783**
Option 1 ID : **4410097918074**
Option 2 ID : **4410097918076**
Option 3 ID : **4410097918075**
Option 4 ID : **4410097918077**
Status : **Answered**
Chosen Option : **A**

Q.86 What is the name of the mission announced during Union Budget 2026–27 with an objective of marking a major shift to a long-term, outcome-driven framework to transform India's sports ecosystem?

Ans

✗ A. Khelo Dilse Mission

✓ B. Khelo India Mission

✗ C. Khelo Gaon Mission

✗ D. Khelo Mahabharath Mission

Question ID : **4410092084343**
Option 1 ID : **4410098205479**
Option 2 ID : **4410098205480**
Option 3 ID : **4410098205482**
Option 4 ID : **4410098205481**
Status : **Answered**
Chosen Option : **B**

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Q.87 In which country was the Stockholm Chess Talents Tournament 2026 held?

Ans ✗ A. Russia

✓ B. Sweden

✗ C. Norway

✗ D. Germany

Question ID : **4410092077248**
Option 1 ID : **4410098177404**
Option 2 ID : **4410098177403**
Option 3 ID : **4410098177402**
Option 4 ID : **4410098177405**
Status : **Answered**
Chosen Option : **B**

Q.88 The BBNJ High Seas Treaty, which entered into force in January 2026, is primarily intended to achieve which of the following objectives?

Ans ✗ A. Regulation of international air traffic over maritime regions beyond territorial waters

✗ B. Allocation of exclusive fishing rights to coastal states in the high seas

✓ C. Conservation and sustainable use of marine biodiversity in areas beyond national jurisdiction

✗ D. Expansion of deep-sea mineral extraction without environmental restrictions

Question ID : **4410092081538**
Option 1 ID : **4410098194420**
Option 2 ID : **4410098194422**
Option 3 ID : **4410098194421**
Option 4 ID : **4410098194419**
Status : **Marked For Review**
Chosen Option : **C**

Q.89 Which of the following prominent Indian grandmasters led the club "SuperChess" to a historic team gold victory at the 40th European Chess Club Cup 2025?

Ans ✗ A. Arjun Erigaisi

✓ B. D Gukesh

✗ C. Vidit Gujrathi

✗ D. R Praggnanandhaa

Question ID : **4410092009283**
Option 1 ID : **4410097912404**
Option 2 ID : **4410097912403**
Option 3 ID : **4410097912405**
Option 4 ID : **4410097912402**
Status : **Marked For Review**
Chosen Option : **B**

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Q.90 In the Union Budget 2026 presented in February, a major focus area was on infrastructure development. Which of the following sectors was specifically allocated increased funds to improve national connectivity and logistics?

Ans
- ✔ A. Railways sector
- ✘ B. Defence sector
- ✘ C. Agriculture sector
- ✘ D. Health sector

Question ID : **4410092008389**
Option 1 ID : **4410097908834**
Option 2 ID : **4410097908835**
Option 3 ID : **4410097908836**
Option 4 ID : **4410097908837**
Status : **Marked For Review**
Chosen Option : **A**

Q.91 Which Indian city was identified as the most polluted city in the March 2026 report released by the Centre for Research on Energy and Clean Air (CREA)?

Ans
- ✔ A. Gurgaon
- ✘ B. Kanpur
- ✘ C. Jaipur
- ✘ D. Lucknow

Question ID : **4410092009191**
Option 1 ID : **4410097912034**
Option 2 ID : **4410097912035**
Option 3 ID : **4410097912036**
Option 4 ID : **4410097912037**
Status : **Marked For Review**
Chosen Option : **D**

Q.92 Which AI-powered platforms were launched by Indian Army in May 2026 to improve battlefield decision-making, logistics, and operational efficiency?

Ans
- ✘ A. Bhima and D-FORCE
- ✔ B. Kautilya and Q-FORCE
- ✘ C. Agniputra and R-FORCE
- ✘ D. Krishna and B-FORCE

Question ID : **4410092102565**
Option 1 ID : **4410098277279**
Option 2 ID : **4410098277276**
Option 3 ID : **4410098277278**
Option 4 ID : **4410098277277**
Status : **Not Answered**
Chosen Option : **--**

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Q.93 During the 'Viksit Bharat 2047' consultations in March 2026, a national body was tasked with coordinating inter-ministerial efforts on sustainable development goals. Which body took the lead in facilitating these collaborative sessions among ministries?

Ans

✗ A. Central Vigilance Commission

✓ B. NITI Aayog

✗ C. Department of Economic Affairs

✗ D. Ministry of Environment, Forest and Climate Change

Question ID : **4410092010296**
Option 1 ID : **4410097916326**
Option 2 ID : **4410097916328**
Option 3 ID : **4410097916327**
Option 4 ID : **4410097916329**
Status : **Marked For Review**
Chosen Option : **D**

Q.94 In January 2026, Asia's largest civil aviation event, Wings India 2026, was held in which city?

Ans

✗ A. Bengaluru

✓ B. Hyderabad

✗ C. Delhi

✗ D. Jaipur

Question ID : **4410092051118**
Option 1 ID : **4410098075209**
Option 2 ID : **4410098075210**
Option 3 ID : **4410098075211**
Option 4 ID : **4410098075208**
Status : **Marked For Review**
Chosen Option : **A**

Q.95 On April 26, 2026, which Kenyan athlete broke the mythical two-hour barrier to set a new men's marathon world record (1:59:30) at the London Marathon?

Ans

✓ A. Sabastian Sawe

✗ B. Jacob Kiplimo

✗ C. Yomif Kejelcha

✗ D. Eliud Kipchoge

Question ID : **4410092013376**
Option 1 ID : **4410097928113**
Option 2 ID : **4410097928112**
Option 3 ID : **4410097928114**
Option 4 ID : **4410097928111**
Status : **Not Answered**
Chosen Option : **--**

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Q.96 How many seats did All India Trinamool Congress (AITC) win in the general elections to the assembly constituencies of West Bengal in May 2026?

Ans

✗ A. 90

✓ B. 80

✗ C. 60

✗ D. 70

Question ID : **4410092102536**
Option 1 ID : **4410098277171**
Option 2 ID : **4410098277168**
Option 3 ID : **4410098277170**
Option 4 ID : **4410098277169**
Status : **Not Answered**
Chosen Option : **--**

Q.97 Which company developed the new semiconductor facility in Salarpur, Khushkhera, which was virtually inaugurated by Union Minister Ashwini Vaishnaw on May 15, 2026?

Ans

✗ A. Infosys

✗ B. Tata Consultancy Services

✓ C. Sahasra Semiconductors Pvt. Ltd.

✗ D. HCL Technologies

Question ID : **4410092008840**
Option 1 ID : **4410097910637**
Option 2 ID : **4410097910635**
Option 3 ID : **4410097910636**
Option 4 ID : **4410097910634**
Status : **Marked For Review**
Chosen Option : **D**

Q.98 Who among the following was sworn in as the Chief Minister of Bihar in April 2026?

Ans

✓ A. Samrat Choudhary

✗ B. Tejashwi Yadav

✗ C. Nitish Kumar

✗ D. Tej Pratap Yadav

Question ID : **4410092050601**
Option 1 ID : **4410098073287**
Option 2 ID : **4410098073286**
Option 3 ID : **4410098073285**
Option 4 ID : **4410098073288**
Status : **Answered**
Chosen Option : **A**

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Q.99 What policy roadmap did NITI Aayog release in May 2026 regarding the school education system?

Ans
✗ A. A mandate to replace English with regional languages as the sole medium of instruction

✗ B. A roadmap for the privatization of all government schools

✗ C. A policy to abolish the 10th and 12th board examinations

✓ D. School Education System in India: Temporal Analysis and Policy Roadmap for Quality Enhancement

Question ID : **4410092008770**
Option 1 ID : **4410097910356**
Option 2 ID : **4410097910354**
Option 3 ID : **4410097910357**
Option 4 ID : **4410097910355**
Status : **Answered**
Chosen Option : **D**

Q.100 Which government initiative was celebrated during the 'Run for Sun' Marathon held on International Sun Day in May 2026, highlighting a major achievement in rooftop solar installations?

Ans
✗ A. Green India Mission

✗ B. National Solar Mission

✗ C. Atal Jyoti Yojana

✓ D. PM Surya Ghar: Muft Bijli Yojana

Question ID : **4410092006205**
Option 1 ID : **4410097900220**
Option 2 ID : **4410097900221**
Option 3 ID : **4410097900219**
Option 4 ID : **4410097900218**
Status : **Marked For Review**
Chosen Option : **D**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	W92500068103
Roll Number	289254281318221
Candidate Name	KALISETTI VARAHALUNAIDU
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ 1 Chinamushidiwada
Test Date	06/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

Railway BABA

Section : **General Science**

Q.1 A manufacturer wants to design heating elements that generate more heat when a current passes through. Which material property should be maximized for this purpose?

Ans

✔ A. Resistivity should be maximized to increase heat generation for a given current.

✘ B. Conductivity should be maximized to increase heat generation for a given current.

✘ C. Resistivity should be minimized to increase heat generation for a given current.

✘ D. A material with zero resistivity should be used for maximum heat generation.

Question ID : **4410092045880**
Option 1 ID : **4410098055595**
Option 2 ID : **4410098055593**
Option 3 ID : **4410098055594**
Option 4 ID : **4410098055596**
Status : **Answered**
Chosen Option : **B**

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Q.2 **Why are ultrasound waves used for cleaning delicate objects such as jewelry?**

Ans

✔ A. They cause tiny vibrations that dislodge dirt

✘ B. They attract dirt particles with magnetism

✘ C. They heat the jewelry to remove stains

✘ D. They dissolve dirt using special chemicals

Question ID : **4410092046028**
Option 1 ID : **4410098056185**
Option 2 ID : **4410098056188**
Option 3 ID : **4410098056186**
Option 4 ID : **4410098056187**
Status : **Answered**
Chosen Option : **A**

Q.3 **Which of the following is NOT a function of epithelial tissues?**

Ans

✔ A. Formation of red blood cells

✘ B. Secretion

✘ C. Absorption

✘ D. Protection

Question ID : **4410091974135**
Option 1 ID : **4410097775557**
Option 2 ID : **4410097775559**
Option 3 ID : **4410097775556**
Option 4 ID : **4410097775558**
Status : **Answered**
Chosen Option : **A**

Q.4 **Which statement best describes the velocity of an object undergoing uniform circular motion?**

Ans

✘ A. The object's speed increases and decreases as it moves around the circle.

✔ B. The magnitude of velocity remains constant, but its direction continuously changes around the circle.

✘ C. The object moves with a changing velocity along a straight path.

✘ D. The velocity remains unchanged in both magnitude and direction throughout motion.

Question ID : **4410092046175**
Option 1 ID : **4410098056774**
Option 2 ID : **4410098056776**
Option 3 ID : **4410098056775**
Option 4 ID : **4410098056773**
Status : **Answered**
Chosen Option : **D**

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Q.5 Which of the following statements best explains why elements with the same atomic number exhibit identical chemical properties, even if their mass numbers are different?

Ans

✗ A. Because they contain the same number of neutrons

✗ B. Because they have similar atomic mass

✗ C. Because they are found in the same physical state

✓ D. Because they have the same number of protons and electrons

Question ID : **4410091450108**
Option 1 ID : **4410095728941**
Option 2 ID : **4410095728943**
Option 3 ID : **4410095728942**
Option 4 ID : **4410095728940**
Status : **Answered**
Chosen Option : **D**

Q.6 What is the ability of the eye lens to adjust its focal length called?

Ans

✓ A. Power of Accommodation

✗ B. Myopia

✗ C. Persistence of vision

✗ D. Refraction

Question ID : **4410091667213**
Option 1 ID : **4410096580947**
Option 2 ID : **4410096580949**
Option 3 ID : **4410096580950**
Option 4 ID : **4410096580948**
Status : **Answered**
Chosen Option : **A**

Q.7 Which statement best describes a straight line sloping upwards on a distance-time graph for an object moving with uniform speed?

Ans

✓ A. The object covers equal distances in equal intervals of time

✗ B. The object is stationary at all times

✗ C. The object returns to its starting point repeatedly

✗ D. The object moves with varying speed throughout

Question ID : **4410092046162**
Option 1 ID : **4410098056724**
Option 2 ID : **4410098056722**
Option 3 ID : **4410098056723**
Option 4 ID : **4410098056721**
Status : **Answered**
Chosen Option : **A**

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Q.8 Consider the reaction:
$Na_2SO_4(aq) + BaCl_2(aq) \rightarrow BaSO_4(s) + 2NaCl(aq)$

Which statement best justifies classifying this reaction as a double displacement reaction?

Ans
✗ A. Heat causes compound to break into products

✗ B. One metal displaces another from compound

✓ C. Exchange of ions produces two new compounds

✗ D. Reactants combine forming only one product

Question ID : **4410091807882**
Option 1 ID : **4410097127860**
Option 2 ID : **4410097127859**
Option 3 ID : **4410097127861**
Option 4 ID : **4410097127858**
Status : **Answered**
Chosen Option : **C**

Q.9 How does saponification relate to soap formation?

Ans
✗ A. Saponification produces only esters used in flavoring

✗ B. Saponification makes ethanol for cleaning

✗ C. Saponification is unrelated to soap production

✓ D. Saponification produces sodium or potassium salts of long chain carboxylic acids, which are soaps

Question ID : **4410091623443**
Option 1 ID : **4410096412369**
Option 2 ID : **4410096412370**
Option 3 ID : **4410096412371**
Option 4 ID : **4410096412368**
Status : **Answered**
Chosen Option : **D**

Q.10 Which of the following is a characteristic feature of a suspension?

Ans
✗ A. The particles are too small to settle down on standing.

✗ B. Suspension shows Tyndall effect but is transparent.

✗ C. It is a homogeneous mixture with solute dissolved uniformly.

✓ D. Particles can be seen with the naked eye and settle on standing.

Question ID : **4410091477543**
Option 1 ID : **4410095837558**
Option 2 ID : **4410095837559**
Option 3 ID : **4410095837561**
Option 4 ID : **4410095837560**
Status : **Answered**
Chosen Option : **C**

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Q.11 If the displacement of an object doubles while the constant force remains unchanged, the area under the force–displacement graph _____.

Ans

✗ A. becomes half of the original area

✓ B. becomes twice the original area

✗ C. remains unchanged

✗ D. becomes four times the original area

Question ID : **4410092046267**
Option 1 ID : **4410098057141**
Option 2 ID : **4410098057143**
Option 3 ID : **4410098057144**
Option 4 ID : **4410098057142**
Status : **Answered**
Chosen Option : **D**

Q.12 A circuit consists of three resistors of 4 ohms, 6 ohms, and 12 ohms connected in parallel. Which statement is correct about the total resistance?

Ans

✓ A. The total resistance is less than the smallest individual resistance

✗ B. The total resistance is equal to the largest individual resistance

✗ C. The total resistance is equal to one of the individual resistances

✗ D. The total resistance equals the sum of all resistances

Question ID : **4410092045871**
Option 1 ID : **4410098055560**
Option 2 ID : **4410098055559**
Option 3 ID : **4410098055557**
Option 4 ID : **4410098055558**
Status : **Answered**
Chosen Option : **A**

Q.13 Researchers studying genetic similarity in hornbill species are most likely to use which characteristic for classification?

Ans

✗ A. Beak shape and size

✗ B. Diet composition

✓ C. DNA sequence comparison

✗ D. Nesting site location

Question ID : **4410091978163**
Option 1 ID : **4410097791554**
Option 2 ID : **4410097791551**
Option 3 ID : **4410097791553**
Option 4 ID : **4410097791552**
Status : **Answered**
Chosen Option : **C**

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Q.14 Which statement CORRECTLY describes systolic and diastolic pressure in the human circulatory system?

Ans

✗ A. Systole and diastole are both contractions

✗ B. Systole and diastole are both relaxations

✓ C. Systole is contraction,diastole is relaxation

✗ D. Systole is relaxation, diastole is contraction

Question ID : **4410091985159**
Option 1 ID : **4410097818945**
Option 2 ID : **4410097818946**
Option 3 ID : **4410097818947**
Option 4 ID : **4410097818948**
Status : **Answered**
Chosen Option : **C**

Q.15 Why are food chains generally made of only 3-4 trophic levels?

Ans

✗ A. Producer population is low

✗ B. Top carnivores cannot be eaten by any organism

✓ C. Energy availability to next trophic level is very low

✗ D. Decomposers terminate the food chain

Question ID : **4410091978851**
Option 1 ID : **4410097794303**
Option 2 ID : **4410097794304**
Option 3 ID : **4410097794305**
Option 4 ID : **4410097794306**
Status : **Answered**
Chosen Option : **C**

Q.16 Why do basic solutions conduct electricity when dissolved in water?

Ans

✗ A. Bases release free electrons

✓ B. Hydroxide ions act as charge carriers

✗ C. Bases dissolve completely without ions

✗ D. Heat energy produces electric current

Question ID : **4410091704492**
Option 1 ID : **4410096723031**
Option 2 ID : **4410096723030**
Option 3 ID : **4410096723032**
Option 4 ID : **4410096723033**
Status : **Answered**
Chosen Option : **C**

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Q.17 A pond contains a large cluster of jelly-like eggs laid by a female frog. What is the most likely mode of fertilisation in frogs?

Ans

✗ A. Asexual budding of the jelly-like eggs

✓ B. External fertilisation in water

✗ C. In-vitro fertilisation by scientists

✗ D. Internal fertilisation inside pond plants

Question ID : **4410091979481**
Option 1 ID : **4410097796833**
Option 2 ID : **4410097796832**
Option 3 ID : **4410097796834**
Option 4 ID : **4410097796831**
Status : **Answered**
Chosen Option : **B**

Q.18 A machine develops a power of 10 W. What does this imply?

Ans

✓ A. It does 10 J of work every second

✗ B. It stores 10 J of energy

✗ C. It applies a force of 10 N

✗ D. It does 10 J of work every minute

Question ID : **4410092046258**
Option 1 ID : **4410098057105**
Option 2 ID : **4410098057107**
Option 3 ID : **4410098057108**
Option 4 ID : **4410098057106**
Status : **Answered**
Chosen Option : **A**

Q.19 A student dips an iron nail in a blue solution of copper sulphate. After 30 minutes, the blue colour fades and a reddish-brown deposit forms on the nail. The reddish-brown deposit is due to _____.

Ans

✓ A. copper sulphate converting to metallic copper

✗ B. copper sulphate converting to iron oxide (rust)

✗ C. copper sulphate converting to Cu^{+}

✗ D. Fe converting to copper oxide

Question ID : **4410091029472**
Option 1 ID : **4410094069584**
Option 2 ID : **4410094069585**
Option 3 ID : **4410094069583**
Option 4 ID : **4410094069582**
Status : **Answered**
Chosen Option : **A**

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Q.20 According to the Bohr–Bury rules, what is the maximum number of electrons that can be accommodated in the L shell of an atom?

Ans

✗ A. Sixteen electrons only

✗ B. Four electrons only

✓ C. Eight electrons only

✗ D. Two electrons only

Question ID : **4410091646781**
Option 1 ID : **4410096503372**
Option 2 ID : **4410096503370**
Option 3 ID : **4410096503371**
Option 4 ID : **4410096503369**
Status : **Answered**
Chosen Option : **C**

Q.21 Venus is hotter than Mercury, even though Mercury is closer to the Sun. Based on Earth's atmospheric science, which is the most plausible explanation?

Ans

✓ A. Venus's atmosphere creates a strong greenhouse effect

✗ B. Mercury lacks any significant atmospheric layers

✗ C. Venus receives more sunlight due to its size

✗ D. Mercury's proximity to the Sun creates rapid heat loss

Question ID : **4410091999747**
Option 1 ID : **4410097875500**
Option 2 ID : **4410097875499**
Option 3 ID : **4410097875497**
Option 4 ID : **4410097875498**
Status : **Answered**
Chosen Option : **C**

Q.22 Which of the following best explains why a pencil partially immersed in water appears bent at the surface?

Ans

✗ A. Water makes the pencil look thicker

✗ B. The pencil absorbs light and emits it at a different angle

✗ C. Light reflects off the pencil and back to your eyes

✓ D. Light changes direction as it moves from air to water

Question ID : **4410092046249**
Option 1 ID : **4410098057070**
Option 2 ID : **4410098057071**
Option 3 ID : **4410098057069**
Option 4 ID : **4410098057072**
Status : **Answered**
Chosen Option : **D**

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Q.23 After the dendrite receives information, what is the next structure the impulse moves to?

Ans
- ✗ A. Dendrite
- ✗ B. Axon end
- ✗ C. Axon
- ✓ D. Cell body

Question ID : **4410092045297**
Option 1 ID : **4410098053272**
Option 2 ID : **4410098053270**
Option 3 ID : **4410098053273**
Option 4 ID : **4410098053271**
Status : **Answered**
Chosen Option : **D**

Q.24 What is the process in which organisms take in oxygen and use it to break down food for cellular activities called?

Ans
- ✓ A. Respiration
- ✗ B. Fermentation
- ✗ C. Transpiration
- ✗ D. Photosynthesis

Question ID : **4410091972843**
Option 1 ID : **4410097770395**
Option 2 ID : **4410097770392**
Option 3 ID : **4410097770394**
Option 4 ID : **4410097770393**
Status : **Answered**
Chosen Option : **B**

Q.25 Read the following two statements carefully and choose the correct option:
Statement I: When methane reacts with chlorine in the presence of sunlight, hydrogen atoms in methane are gradually replaced by chlorine atoms.
Statement II: The reaction between methane and chlorine is called an addition reaction.

Ans
- ✗ A. Both statements are incorrect.
- ✗ B. Both statements are correct.
- ✓ C. Only Statement I is correct.
- ✗ D. Only Statement II is correct.

Question ID : **4410091078866**
Option 1 ID : **4410094252784**
Option 2 ID : **4410094252783**
Option 3 ID : **4410094252781**
Option 4 ID : **4410094252782**
Status : **Answered**
Chosen Option : **B**

RailwayBABA

Section : **Mathematics**

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Q.26 The distance between the centres of two circles having radii 11 cm and 5 cm, is 10 cm.
The length of the direct common tangent of the two circles is:

Ans
✗ A. 12 cm
✓ B. 8 cm
✗ C. 4 cm
✗ D. 16 cm

Question ID : **441009592278**
Option 1 ID : **4410092324231**
Option 2 ID : **4410092324232**
Option 3 ID : **4410092324230**
Option 4 ID : **4410092324229**
Status : **Answered**
Chosen Option : **B**

Q.27 The height of a cone is 28 cm and the radius of its base is 14 cm. The

Ans
✗ A. $17248\ cm^3$
✗ B. $18248\ cm^3$
✓ C. $\frac{17248}{3}\ cm^3$
✗ D. $\frac{18248}{3}\ cm^3$

Question ID : **44100939348**
Option 1 ID : **441009156914**
Option 2 ID : **441009156916**
Option 3 ID : **441009156913**
Option 4 ID : **441009156915**
Status : **Answered**
Chosen Option : **C**

Q.28 Evaluate: 16 - 5 × 4 + 4

Ans
✗ A. -2
✗ B. -1
✗ C. 2
✓ D. 0

Question ID : **441009521063**
Option 1 ID : **4410092039673**
Option 2 ID : **4410092039672**
Option 3 ID : **4410092039674**
Option 4 ID : **4410092039671**
Status : **Answered**
Chosen Option : **D**

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Q.29 Piyush has ₹1,681 with him. He divided this amount between his sons, Manoj and Anand, and asked them to invest their respective shares at a rate of 5% per annum, compounded annually. It was observed that Manoj and Anand received the same amount after 16 years and 17 years, respectively. How much (in ₹) did Piyush give Manoj?

Ans
✔ A. 861
✘ B. 920
✘ C. 711
✘ D. 820

Question ID : **441009573616**
Option 1 ID : **4410092249584**
Option 2 ID : **4410092249587**
Option 3 ID : **4410092249586**
Option 4 ID : **4410092249585**
Status : **Answered**
Chosen Option : **A**

Q.30 The HCF of two numbers is 11 and their LCM is 1870. If one number is 22, then find the unit's digit of the other number.

Ans
✔ A. 5
✘ B. 4
✘ C. 7
✘ D. 3

Question ID : **4410091496550**
Option 1 ID : **4410095911475**
Option 2 ID : **4410095911474**
Option 3 ID : **4410095911476**
Option 4 ID : **4410095911473**
Status : **Answered**
Chosen Option : **A**

Q.31 A sum of ₹800 invested on simple interest becomes ₹1,200 in 8 years. Find the rate of interest per annum.

Ans
✘ A. 6.5%
✘ B. 6%
✔ C. $\frac{25}{4}\%$
✘ D. $6\frac{1}{3}\%$

Question ID : **441009883006**
Option 1 ID : **4410093485917**
Option 2 ID : **4410093485916**
Option 3 ID : **4410093485914**
Option 4 ID : **4410093485915**
Status : **Answered**
Chosen Option : **C**

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Q.32 Find the value of $\left\{2\tan^2 A + \frac{4}{(1+\cot^2 A)} + 2\sec^2 A + \frac{4}{(1+\tan^2 A)}\right\}$.

Ans
✗ A. $4\sec^2 A - 2$
✗ B. $\sec^2 A + 2$
✓ C. $4\sec^2 A + 2$
✗ D. $\sec^2 A - 2$

Question ID : **4410091622403**
Option 1 ID : **4410096408387**
Option 2 ID : **4410096408384**
Option 3 ID : **4410096408385**
Option 4 ID : **4410096408386**
Status : **Answered**
Chosen Option : **C**

Q.33 One-third of a journey is covered at a speed of 62 km/hr, the next one-third of the journey is covered at a speed of 99 km/hr, and the remaining journey is covered at a speed of 51 km/hr. The average speed (in km/hr, rounded off to 1 decimal place) for the entire journey is:

Ans
✗ A. 62.1
✗ B. 61.4
✓ C. 65.5
✗ D. 60.8

Question ID : **441009896658**
Option 1 ID : **4410093540705**
Option 2 ID : **4410093540703**
Option 3 ID : **4410093540702**
Option 4 ID : **4410093540704**
Status : **Answered**
Chosen Option : **A**

Q.34 A merchant has 2650 kg of rice, one part of which he sells at 36% profit and the rest at 16% profit. He gains 28% on the whole. Find the quantity sold at 16%.

Ans
✗ A. 1080 kg
✗ B. 1040 kg
✗ C. 1020 kg
✓ D. 1060 kg

Question ID : **4410091981115**
Option 1 ID : **4410097803283**
Option 2 ID : **4410097803281**
Option 3 ID : **4410097803280**
Option 4 ID : **4410097803282**
Status : **Answered**
Chosen Option : **D**

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Q.35 Which of the following equations represent the statement, "one fifth of m is twice of one third of n"?

Ans

✔ A. $\frac{m}{5} = \frac{2n}{3}$

✘ B. $\frac{m}{3} = \frac{2n}{5}$

✘ C. $\frac{2m}{3} = 5n$

✘ D. $\frac{2m}{3} = \frac{n}{5}$

Question ID : **4410091076677**
Option 1 ID : **4410094244120**
Option 2 ID : **4410094244121**
Option 3 ID : **4410094244123**
Option 4 ID : **4410094244122**
Status : **Answered**
Chosen Option : **A**

Q.36 A person P can complete a project in 24 days, and the person Q can complete it in 36 days. They work together for 4 days, after which Q leaves. In how many days will P complete the remaining work? (Give your answer rounded off to two decimal places.)

Ans

✘ A. 17.53 days

✔ B. 17.33 days

✘ C. 17.67 days

✘ D. 17.87 days

Question ID : **4410091629990**
Option 1 ID : **4410096438045**
Option 2 ID : **4410096438048**
Option 3 ID : **4410096438047**
Option 4 ID : **4410096438046**
Status : **Answered**
Chosen Option : **C**

Q.37 A man travels from City A to City B at a speed of 60 km/h, then from City B to City C at 90 km/h, and finally returns directly from City C to City A at 72 km/h. If the distances between A and B and between B and C are equal, with B located between A and C, find his average speed for the entire journey.

Ans

✘ A. 66 km/hr

✘ B. 68 km/hr

✘ C. 70 km/hr

✔ D. 72 km/hr

Question ID : **4410091470287**
Option 1 ID : **4410095809077**
Option 2 ID : **4410095809076**
Option 3 ID : **4410095809075**
Option 4 ID : **4410095809074**
Status : **Answered**
Chosen Option : **D**

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Q.38 A recipe requires flour, sugar, and butter in the ratio 3:2:1. If the total quantity of ingredients used is 18 cups, how many cups of sugar are needed?

Ans

✗ A. 9

✗ B. 3

✓ C. 6

✗ D. 12

Question ID : **4410092017267**
Option 1 ID : **4410097943182**
Option 2 ID : **4410097943180**
Option 3 ID : **4410097943181**
Option 4 ID : **4410097943179**
Status : **Answered**
Chosen Option : **C**

Q.39 The following table shows the number of books read by four students in a month.

Name of the student	Ravi	Sita	Amit	Neha
Number of books	12	14	11	13

What is the average number of books read by these students?

Ans

✗ A. 13

✗ B. 13.5

✓ C. 12.5

✗ D. 12

Question ID : **4410092029778**
Option 1 ID : **4410097992697**
Option 2 ID : **4410097992699**
Option 3 ID : **4410097992698**
Option 4 ID : **4410097992696**
Status : **Answered**
Chosen Option : **C**

Q.40 A and B invest ₹24,000 and ₹36,000, respectively, in a business for the same period. Find the ratio in which the profit should be divided between A and B.

Ans

✓ A. 2 : 3

✗ B. 5 : 4

✗ C. 4 : 5

✗ D. 3 : 2

Question ID : **4410091734687**
Option 1 ID : **4410096840831**
Option 2 ID : **4410096840834**
Option 3 ID : **4410096840833**
Option 4 ID : **4410096840832**
Status : **Answered**
Chosen Option : **A**

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Q.41 A sum of ₹4,000 amounts to ₹4,410 in 2 years at compound interest, compounded annually. Find the annual rate of interest (in percentage).

Ans

✗ A. 7.5%

✓ B. 5%

✗ C. 2.5%

✗ D. 10%

Question ID : **4410091983299**
Option 1 ID : **4410097811885**
Option 2 ID : **4410097811887**
Option 3 ID : **4410097811888**
Option 4 ID : **4410097811886**
Status : **Answered**
Chosen Option : **B**

Q.42 The consumption of printing paper reams for the first 11 months of a computer operator is given as 21, 25, 30, 15, 17, 35, 28, 19, 42, 49, and 59. Find the median.

Ans

✗ A. 30

✓ B. 28

✗ C. 26

✗ D. 32

Question ID : **4410091988630**
Option 1 ID : **4410097832295**
Option 2 ID : **4410097832294**
Option 3 ID : **4410097832293**
Option 4 ID : **4410097832296**
Status : **Answered**
Chosen Option : **B**

Q.43 A man loses 22% of his money. After spending 25% of the remaining amount, he has ₹7,137 left. What was the amount of money he originally had?

Ans

✗ A. ₹12,300

✗ B. ₹12,100

✓ C. ₹12,200

✗ D. ₹12,400

Question ID : **4410091988556**
Option 1 ID : **4410097831999**
Option 2 ID : **4410097831997**
Option 3 ID : **4410097831998**
Option 4 ID : **4410097832000**
Status : **Answered**
Chosen Option : **C**

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Q.44 Two cylindrical containers have a total volume of 2,200 cm^3. The first cylinder has a radius of 5 cm and a height of 10 cm. If the second cylinder has the same radius, determine the height of the second cylinder. (Use $\pi = 3.14$ and round your answer to two decimal places.)

Ans

✗ A. 19.85 cm

✗ B. 19.10 cm

✗ C. 20.67 cm

✓ D. 18.03 cm

Question ID : **4410091446339**
Option 1 ID : **4410095714010**
Option 2 ID : **4410095714009**
Option 3 ID : **4410095714011**
Option 4 ID : **4410095714008**
Status : **Answered**
Chosen Option : **B**

Q.45 The income of Raman is ₹25,000. He saves 25.5% of his income. If his income increases by 20% and expenditure increases by 40%, then his savings will:

Ans

✗ A. increase by ₹2,446

✗ B. increase by ₹2,453

✓ C. decrease by ₹2,450

✗ D. decrease by ₹2,452

Question ID : **441009562160**
Option 1 ID : **4410092203908**
Option 2 ID : **4410092203910**
Option 3 ID : **4410092203907**
Option 4 ID : **4410092203909**
Status : **Answered**
Chosen Option : **B**

Q.46 The angle of elevation of the top of a building at a distance of 90 m from its foot on a horizontal plane is found to be 30°. Find the height of the building.

Ans

✗ A. $\frac{30}{\sqrt{3}}$ m

✗ B. $90\sqrt{3}$ m

✗ C. $60\sqrt{3}$ m

✓ D. $30\sqrt{3}$ m

Question ID : **441009601178**
Option 1 ID : **4410092359832**
Option 2 ID : **4410092359829**
Option 3 ID : **4410092359831**
Option 4 ID : **4410092359830**
Status : **Answered**
Chosen Option : **B**

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Q.47 What is the value of (8x + 9y), if mean of the following distribution is 45?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	7	12	x	5	y	76

Ans
✗ A. 423
✓ B. 417
✗ C. 424
✗ D. 402

Question ID : **441009623504**
Option 1 ID : **4410092448150**
Option 2 ID : **4410092448148**
Option 3 ID : **4410092448151**
Option 4 ID : **4410092448149**
Status : **Answered**
Chosen Option : **B**

Q.48 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 32% and 67%, shop II allows successive discounts of 98% and 40%, shop III allows successive discounts of 37% and 74%, and shop IV allows successive discounts of 29%, 47%, and 92% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✗ A. IV
✗ B. I
✓ C. II
✗ D. III

Question ID : **441009536900**
Option 1 ID : **4410092102999**
Option 2 ID : **4410092102998**
Option 3 ID : **4410092102996**
Option 4 ID : **4410092102997**
Status : **Answered**
Chosen Option : **C**

Q.49 If a 7-digit number 48085A7 is completely divisible by 3, what is the least value of A?

Ans
✗ A. 4
✗ B. 8
✗ C. 7
✓ D. 1

Question ID : **441009560197**
Option 1 ID : **4410092196055**
Option 2 ID : **4410092196056**
Option 3 ID : **4410092196057**
Option 4 ID : **4410092196058**
Status : **Answered**
Chosen Option : **D**

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Q.50 Arvind bought an article for ₹x. He sold it to Biru at a loss of 5%. Biru spent ₹118 on its transportation and sold it to Minu at a profit of 40%. If Minu bought it for ₹1,841, then what is the value of x?

Ans
✗ A. ₹1,225
✓ B. ₹1,260
✗ C. ₹1,251
✗ D. ₹1,261

Question ID : **441009561687**
Option 1 ID : **4410092202016**
Option 2 ID : **4410092202015**
Option 3 ID : **4410092202017**
Option 4 ID : **4410092202018**
Status : **Answered**
Chosen Option : **D**

Section : **General Intelligence and Reasoning**

Q.51 In a certain code language, 'OPEN' is coded as '5718' and 'ONCE' is coded as '9187'. What is the code for 'C' in the given code language?

Ans
✗ A. 1
✗ B. 8
✓ C. 9
✗ D. 7

Question ID : **441009795954**
Option 1 ID : **4410093137816**
Option 2 ID : **4410093137817**
Option 3 ID : **4410093137815**
Option 4 ID : **4410093137818**
Status : **Answered**
Chosen Option : **C**

Q.52 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. JH - EC
✗ B. RP - MK
✓ C. LJ - GF
✗ D. NL - IG

Question ID : **4410092026503**
Option 1 ID : **4410097979698**
Option 2 ID : **4410097979696**
Option 3 ID : **4410097979699**
Option 4 ID : **4410097979697**
Status : **Answered**
Chosen Option : **C**

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Q.53 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

6 – 2 – 15 – 31; 8 – 4 – 17 – 35

Ans
✗ A. 7 – 3 – 16 – 31
✓ B. 9 – 5 – 18 – 37
✗ C. 10 – 6 – 25 – 51
✗ D. 13 – 9 – 64 – 129

Question ID : **441009590323**
Option 1 ID : **4410092316407**
Option 2 ID : **4410092316405**
Option 3 ID : **4410092316406**
Option 4 ID : **4410092316408**
Status : **Answered**
Chosen Option : **B**

Q.54 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

JLI–KMJ
MOL–NPM

Ans
✗ A. YZV–YAX
✗ B. YZV–ZBY
✗ C. YAX–YBX
✓ D. YAX–ZBY

Question ID : **4410091148527**
Option 1 ID : **4410094529067**
Option 2 ID : **4410094529066**
Option 3 ID : **4410094529065**
Option 4 ID : **4410094529064**
Status : **Answered**
Chosen Option : **D**

Q.55 The position(s) of how many letters will remain unchanged if each of the letters in the word HISTOGRAM is arranged in the English alphabetical order?

Ans
✗ A. 3
✗ B. 0
✓ C. 1
✗ D. 2

Question ID : **441009809060**
Option 1 ID : **4410093190366**
Option 2 ID : **4410093190363**
Option 3 ID : **4410093190364**
Option 4 ID : **4410093190365**
Status : **Answered**
Chosen Option : **C**

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Q.56 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Q. Five students – **Kriti, Mehul, Nisha, Ojas, and Pranav** – scored different marks in a test.

Who scored the lowest marks?

(I) Mehul scored higher than exactly three students.

(II) Kriti scored higher than Nisha but lower than Ojas. Pranav did not score the lowest.

Ans
✗ A. Both statements I and II together are NOT sufficient to answer the question

✗ B. Data in Statement I alone is sufficient to answer the question while data in Statement II is not

✓ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

✗ D. Data in Statement II alone is sufficient to answer the question while data in Statement I is not

Question ID : **4410091600409**
Option 1 ID : **4410096321318**
Option 2 ID : **4410096321317**
Option 3 ID : **4410096321315**
Option 4 ID : **4410096321316**
Status : **Answered**
Chosen Option : **C**

Q.57 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

JSR : HVU
FOL : DRO

Ans
✗ A. ORO : MUQ

✗ B. LJM : JMO

✗ C. KUJ : IWM

✓ D. EVH : CYK

Question ID : **4410091598320**
Option 1 ID : **4410096313219**
Option 2 ID : **4410096313221**
Option 3 ID : **4410096313220**
Option 4 ID : **4410096313222**
Status : **Answered**
Chosen Option : **D**

Q.58 Ritwik starts from Point A and drives 23 km towards the east. He then takes a right turn, drives 14 km, turns right and drives 26 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✗ A. 7 km to the south

✗ B. 5 km to the north

✓ C. 5 km to the south

✗ D. 7 km to the north

Question ID : **4410091567500**
Option 1 ID : **4410096191314**
Option 2 ID : **4410096191312**
Option 3 ID : **4410096191313**
Option 4 ID : **4410096191315**
Status : **Answered**
Chosen Option : **C**

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Q.59 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) E L £ F 8 8 $ & S 9 L 7 * I © Y 1 M 3 $ S V (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the left?

Ans
✗ A. £
✗ B. &
✓ C. $
✗ D. F

Question ID : **4410091229943**
Option 1 ID : **4410094853251**
Option 2 ID : **4410094853249**
Option 3 ID : **4410094853248**
Option 4 ID : **4410094853250**
Status : **Answered**
Chosen Option : **C**

Q.60 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 Sticks, U, R, N, S and T each having a different height, which Stick is the shortest?
(I) T is taller than N
(II) S is taller than T. U is only shorter than one Stick

Ans
✗ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
✓ B. Both statements I and II together are NOT sufficient to answer the question
✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not
✗ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Question ID : **4410091332898**
Option 1 ID : **4410095263189**
Option 2 ID : **4410095263188**
Option 3 ID : **4410095263190**
Option 4 ID : **4410095263191**
Status : **Answered**
Chosen Option : **A**

Q.61 What should come in place of ? in the given series based on the English alphabetical order?
CPT EQV GRX ISZ ?

Ans
✓ A. KTB
✗ B. JUB
✗ C. JTA
✗ D. KUB

Question ID : **4410091492224**
Option 1 ID : **4410095894622**
Option 2 ID : **4410095894621**
Option 3 ID : **4410095894623**
Option 4 ID : **4410095894624**
Status : **Answered**
Chosen Option : **A**

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Q.62 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 4 1 7 5 2 8 9 1 6 3 2 7 4 1 3 7 9 5 3 6 8 3 4 1 2 7 5 (Right)

How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

Ans
✗ A. One
✗ B. None
✗ C. Three
✓ D. Two

Question ID : **4410091147024**
Option 1 ID : **4410094523053**
Option 2 ID : **4410094523052**
Option 3 ID : **4410094523055**
Option 4 ID : **4410094523054**
Status : **Answered**
Chosen Option : **D**

Q.63 This question is based on the five, three-digit numbers given below.
(Left) 342 339 531 568 319 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

Ans
✗ A. 10
✓ B. 9
✗ C. 7
✗ D. 8

Question ID : **4410091737450**
Option 1 ID : **4410096851535**
Option 2 ID : **4410096851534**
Option 3 ID : **4410096851532**
Option 4 ID : **4410096851533**
Status : **Answered**
Chosen Option : **B**

Q.64 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
Only one person sits between D and O when counted from the left of O. D sits third to the left of P. Q sits to the immediate right of P. E is not an immediate neighbor of O.
Who sits third to the right of C?

Ans
✗ A. O
✗ B. P
✓ C. Q
✗ D. E

Question ID : **441009787840**
Option 1 ID : **4410093105360**
Option 2 ID : **4410093105361**
Option 3 ID : **4410093105362**
Option 4 ID : **4410093105359**
Status : **Answered**
Chosen Option : **C**

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Q.65 This question is based on the following words.

(Left) GIR PVT DEC NOW (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✗ B. Four
✗ C. Two
✓ D. Three

Question ID : **441009819462**
Option 1 ID : **4410093231974**
Option 2 ID : **4410093231971**
Option 3 ID : **4410093231973**
Option 4 ID : **4410093231972**
Status : **Answered**
Chosen Option : **C**

Q.66 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. XB-AG
✗ B. EI-HN
✗ C. CG-FL
✓ D. FJ-LO

Question ID : **441009810985**
Option 1 ID : **4410093198066**
Option 2 ID : **4410093198065**
Option 3 ID : **4410093198063**
Option 4 ID : **4410093198064**
Status : **Answered**
Chosen Option : **D**

Q.67 210 is related to 315 following a certain logic. Following the same logic, 180 is related to 270. To which of the given options is 240 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 390
✓ B. 360
✗ C. 420
✗ D. 300

Question ID : **4410091990857**
Option 1 ID : **4410097841052**
Option 2 ID : **4410097841049**
Option 3 ID : **4410097841050**
Option 4 ID : **4410097841051**
Status : **Answered**
Chosen Option : **B**

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Q.68 In a certain code language,
'A + B' means 'A is the sister of B',
'A − B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is S related to N if 'S + E ÷ W − T × N'?

Ans
✗ A. Wife's father's mother
✗ B. Father's sister
✓ C. Wife's father's sister
✗ D. Wife's sister

Question ID : **441009758305**
Option 1 ID : **4410092987216**
Option 2 ID : **4410092987215**
Option 3 ID : **4410092987214**
Option 4 ID : **4410092987213**
Status : **Answered**
Chosen Option : **C**

Q.69 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 72659314, what will be the sum of the second digit from the left and the third digit from the right in the new number thus formed?

Ans
✗ A. 4
✗ B. 12
✗ C. 8
✓ D. 6

Question ID : **4410091125568**
Option 1 ID : **4410094437816**
Option 2 ID : **4410094437817**
Option 3 ID : **4410094437818**
Option 4 ID : **4410094437815**
Status : **Answered**
Chosen Option : **D**

Q.70 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

3 B 2 D 28 A 7 C 4 = ?

Ans
✗ A. 8
✗ B. 4
✗ C. 12
✓ D. 6

Question ID : **4410091333324**
Option 1 ID : **4410095264919**
Option 2 ID : **4410095264917**
Option 3 ID : **4410095264918**
Option 4 ID : **4410095264916**
Status : **Answered**
Chosen Option : **D**

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Q.71 What should come in place of the question mark (?) in the given series?

192 203 225 258 302 ?

Ans
✔ A. 357
✘ B. 368
✘ C. 378
✘ D. 376

Question ID : **4410091987752**
Option 1 ID : **4410097828795**
Option 2 ID : **4410097828796**
Option 3 ID : **4410097828793**
Option 4 ID : **4410097828794**
Status : **Answered**
Chosen Option : **A**

Q.72 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B' and
A # B means 'A is the daughter of B'.

How is Et related to Cp if 'Cp × Sj – Qn # Et + Gy'?

Ans
✘ A. Son's wife
✔ B. Husband's mother
✘ C. Brother's wife
✘ D. Husband's sister

Question ID : **4410091502090**
Option 1 ID : **4410095932745**
Option 2 ID : **4410095932747**
Option 3 ID : **4410095932746**
Option 4 ID : **4410095932744**
Status : **Answered**
Chosen Option : **B**

Q.73 Seven boxes B, F, G, H, R, T and Y are kept one over the other but not necessarily in the same order. Only four boxes are kept between H and G. Only R is kept above H. Only two boxes are kept between T and F. Y is kept immediately above B. F is not kept immediately above Y. How many boxes are kept below T?

Ans
✘ A. 1
✘ B. 3
✘ C. 2
✔ D. 4

Question ID : **4410091462357**
Option 1 ID : **4410095777538**
Option 2 ID : **4410095777540**
Option 3 ID : **4410095777539**
Option 4 ID : **4410095777541**
Status : **Answered**
Chosen Option : **D**

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Q.74 Each letter in the word ANALYST is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is second from the right in the new letter-cluster thus formed?

Ans
✗ A. 8
✓ B. 7
✗ C. 4
✗ D. 6

Question ID : **441009998807**
Option 1 ID : **4410093947081**
Option 2 ID : **4410093947083**
Option 3 ID : **4410093947082**
Option 4 ID : **4410093947084**
Status : **Answered**
Chosen Option : **B**

Q.75 JRYH is related to HPWF in a certain way based on the English alphabetical order. In the same way, VGLW is related to TEJU. To which of the given options is ZRPE related, following the same logic?

Ans
✗ A. CXNP
✗ B. PCXN
✓ C. XPNC
✗ D. NCXP

Question ID : **4410091149111**
Option 1 ID : **4410094531401**
Option 2 ID : **4410094531403**
Option 3 ID : **4410094531402**
Option 4 ID : **4410094531400**
Status : **Answered**
Chosen Option : **C**

Q.76 All 44 people standing in a row are facing North. Henry is 16th from the right end while Alexa is 9th from the left end. How many people are there between Henry and Alexa?

Ans
✗ A. 18
✗ B. 17
✗ C. 16
✓ D. 19

Question ID : **4410091463281**
Option 1 ID : **4410095781260**
Option 2 ID : **4410095781259**
Option 3 ID : **4410095781258**
Option 4 ID : **4410095781261**
Status : **Answered**
Chosen Option : **D**

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Q.77 Seven people, D, H, J, L, S, T and Y, are sitting in a row, facing the north.
Only five people sit between S and Y. D sits to the immediate left of Y. Only one person sits between D and T. H sits at some place to the left of J but at some place to the right of L.
How many people sit to the left of H?

Ans
✗ A. One
✓ B. Two
✗ C. Four
✗ D. Three

Question ID : **4410091608031**
Option 1 ID : **4410096351060**
Option 2 ID : **4410096351061**
Option 3 ID : **4410096351063**
Option 4 ID : **4410096351062**
Status : **Answered**
Chosen Option : **B**

Q.78 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 4 2 8 3 7 4 7 1 6 1 3 1 3 9 3 6 6 5 6 7 4 8 4 9 1 9 3 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

Ans
✗ A. 7
✗ B. 5
✓ C. 6
✗ D. 8

Question ID : **441009780423**
Option 1 ID : **4410093075696**
Option 2 ID : **4410093075697**
Option 3 ID : **4410093075695**
Option 4 ID : **4410093075698**
Status : **Answered**
Chosen Option : **C**

Q.79 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4168327, what will be the difference of the digits which are second from the left and second from the right in the new number thus formed?

Ans
✗ A. 1
✗ B. 0
✗ C. 3
✓ D. 2

Question ID : **441009556975**
Option 1 ID : **4410092183216**
Option 2 ID : **4410092183217**
Option 3 ID : **4410092183215**
Option 4 ID : **4410092183214**
Status : **Answered**
Chosen Option : **D**

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Q.80 Each of Q, R, W, T, E, U and Y has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. T has an exam on Wednesday. Exactly three people have an exam between T and U. Q has an exam immediately after E and W has an exam immediately before E. Only three people have an exam between R and E. Who has an exam immediately after Y?

Ans
- ✔ A. T
- ✘ B. Q
- ✘ C. R
- ✘ D. U

Question ID : **4410091462375**
Option 1 ID : **4410095777613**
Option 2 ID : **4410095777612**
Option 3 ID : **4410095777611**
Option 4 ID : **4410095777610**
Status : **Answered**
Chosen Option : **C**

Section : **General Awareness and Current Affairs**

Q.81 Which of the following individuals became a Full-time Member of NITI Aayog during 2026?

Ans
- ✘ A. Suman K. Bery
- ✘ B. Gobardhan Das
- ✘ C. Rajiv Gauba
- ✔ D. Dr. Joram Aniya

Question ID : **4410092065643**
Option 1 ID : **4410098132127**
Option 2 ID : **4410098132126**
Option 3 ID : **4410098132128**
Option 4 ID : **4410098132129**
Status : **Not Answered**
Chosen Option : **--**

Q.82 During the COP30 negotiations in Belém, India strongly advocated for developing countries by highlighting the urgent need for enhanced _____.

Ans
- ✘ A. Cross-border trade curbs
- ✘ B. Industrial production cuts
- ✔ C. Climate finance support
- ✘ D. Commercial bank deregulation

Question ID : **4410092017030**
Option 1 ID : **4410097942291**
Option 2 ID : **4410097942293**
Option 3 ID : **4410097942292**
Option 4 ID : **4410097942294**
Status : **Answered**
Chosen Option : **A**

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Q.83 On April 28, 2026, the Meeting of Defence Ministers of the Shanghai Cooperation Organisation (SCO) Member States was held under the chairmanship of which country?

Ans
- ✔ A. Kyrgyz Republic
- ✘ B. Russian Federation
- ✘ C. Republic of Uzbekistan
- ✘ D. Republic of India

Question ID : **4410092009328**
Option 1 ID : **4410097912583**
Option 2 ID : **4410097912585**
Option 3 ID : **4410097912582**
Option 4 ID : **4410097912584**
Status : **Not Answered**
Chosen Option : **--**

Q.84 In May 2026, India successfully test-launched the short-range ballistic missile "Agni-1" from which facility under the aegis of the Strategic Forces Command?

Ans
- ✘ A. Pokhran Test Range, Rajasthan
- ✘ B. Vikram Sarabhai Space Centre, Thiruvananthapuram
- ✘ C. Dr. APJ Abdul Kalam Island, Odisha
- ✔ D. Integrated Test Range (ITR), Chandipur, Odisha

Question ID : **4410092009295**
Option 1 ID : **4410097912452**
Option 2 ID : **4410097912453**
Option 3 ID : **4410097912450**
Option 4 ID : **4410097912451**
Status : **Answered**
Chosen Option : **A**

Q.85 Under the Khelo India Mission announced in the Union Budget 2026–27, which of the following was listed as a key feature?

Ans
- ✔ A. Integrated talent pathway through multi-level training centres
- ✘ B. Compulsory foreign coaching for all district-level athletes
- ✘ C. Pension-linked incentives for retired national coaches
- ✘ D. Exclusive private-league scholarships for senior athletes

Question ID : **4410092008975**
Option 1 ID : **4410097911174**
Option 2 ID : **4410097911175**
Option 3 ID : **4410097911177**
Option 4 ID : **4410097911176**
Status : **Not Answered**
Chosen Option : **--**

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Q.86 Who was sworn in as the fifteenth Vice President of India and ex officio Chairman of the Rajya Sabha in 2025?

Ans

✗ A. Acharya Devvrat

✓ B. C.P. Radhakrishnan

✗ C. Jagdeep Dhankhar

✗ D. Ramesh Bais

Question ID : **4410092009267**
Option 1 ID : **4410097912340**
Option 2 ID : **4410097912339**
Option 3 ID : **4410097912338**
Option 4 ID : **4410097912341**
Status : **Answered**
Chosen Option : **B**

Q.87 Which of these states launched India's first deep tech start-up policy in January 2026?

Ans

✗ A. Uttar Pradesh

✗ B. Maharashtra

✗ C. Bihar

✓ D. Tamil Nadu

Question ID : **4410091671420**
Option 1 ID : **4410096596405**
Option 2 ID : **4410096596406**
Option 3 ID : **4410096596407**
Option 4 ID : **4410096596404**
Status : **Not Answered**
Chosen Option : **--**

Q.88 The Jan Vishwas (Amendment of Provisions) Bill, 2026 is linked with which major governance reform agenda?

Ans

✗ A. Space mission reforms

✗ B. Expansion of direct tax collection

✗ C. Privatization of public sector enterprises

✓ D. Trust-based ease of business governance

Question ID : **4410092009227**
Option 1 ID : **4410097912179**
Option 2 ID : **4410097912178**
Option 3 ID : **4410097912181**
Option 4 ID : **4410097912180**
Status : **Not Answered**
Chosen Option : **--**

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Q.89 Which of the following players made the highest individual score in the 2026 Men'sT20 World Cup final?

Ans

✗ A. Ishan Kishan

✗ B. Abhishek Sharma

✓ C. Sanju Samson

✗ D. Tilak Varma

Question ID : **4410092079426**
Option 1 ID : **4410098186011**
Option 2 ID : **4410098186009**
Option 3 ID : **4410098186010**
Option 4 ID : **4410098186012**
Status : **Answered**
Chosen Option : **C**

Q.90 The Government of India emphasized HPV vaccination during 2025–26 primarily to reduce the burden of which disease among women?

Ans

✗ A. Tuberculosis among rural women

✗ B. Malaria among pregnant mothers

✗ C. Diabetes among urban patients

✓ D. Cervical cancer among women

Question ID : **4410092011285**
Option 1 ID : **4410097919955**
Option 2 ID : **4410097919956**
Option 3 ID : **4410097919957**
Option 4 ID : **4410097919954**
Status : **Not Answered**
Chosen Option : **--**

Q.91 According to the 2025 Kantar BrandZ report, which financial services giant has reclaimed its crown as India's most valued brand?

Ans

✗ A. Axis Bank

✗ B. State Bank of India

✓ C. HDFC Bank

✗ D. ICICI Bank

Question ID : **4410092016981**
Option 1 ID : **4410097942102**
Option 2 ID : **4410097942099**
Option 3 ID : **4410097942101**
Option 4 ID : **4410097942100**
Status : **Not Answered**
Chosen Option : **--**

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Q.92 Who among the following is the author of the book titled 'The Director'?

Ans
✗ A. Orhan Pamuk
✓ B. Daniel Kehlmann
✗ C. George Orwell
✗ D. Haruki Murakami

Question ID : **4410092082116**
Option 1 ID : **4410098196709**
Option 2 ID : **4410098196710**
Option 3 ID : **4410098196708**
Option 4 ID : **4410098196707**
Status : **Not Answered**
Chosen Option : **--**

Q.93 As of February 2026, how many projects were approved for research and development in 6G technology?

Ans
✗ A. 78 projects
✗ B. 92 projects
✓ C. 104 projects
✗ D. 126 projects

Question ID : **4410092009236**
Option 1 ID : **4410097912216**
Option 2 ID : **4410097912214**
Option 3 ID : **4410097912217**
Option 4 ID : **4410097912215**
Status : **Not Answered**
Chosen Option : **--**

Q.94 On January 9, 2026, Defence Research and Development Laboratory successfully conducted a long-duration ground test of an Actively Cooled Full-Scale Scramjet Combustor. This technology is primarily associated with the development of which type of propulsion systems?

Ans
✗ A. Cryogenic rocket propulsion system
✗ B. Turbofan propulsion system
✓ C. Hypersonic air-breathing propulsion system
✗ D. Nuclear-powered propulsion system

Question ID : **4410092008992**
Option 1 ID : **4410097911244**
Option 2 ID : **4410097911242**
Option 3 ID : **4410097911243**
Option 4 ID : **4410097911245**
Status : **Answered**
Chosen Option : **B**

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Q.95 Which institutional body's Frontier Tech Hub unveiled the groundbreaking agricultural roadmap titled "Reimagining Agriculture: A Roadmap for Frontier Technology Led Transformation" in 2025?

Ans

✗ A. Ministry of Electronics and Information Technology

✗ B. National Bank for Agriculture and Rural Development

✗ C. Indian Council of Agricultural Research

✓ D. NITI Aayog

Question ID : **4410092043307**
Option 1 ID : **4410098045753**
Option 2 ID : **4410098045752**
Option 3 ID : **4410098045751**
Option 4 ID : **4410098045750**
Status : **Answered**
Chosen Option : **C**

Q.96 Which team won the Indian Super League football championship title, 2026?

Ans

✓ A. East Bengal

✗ B. Mohun Bagan

✗ C. Odisha FC

✗ D. Mumbai City FC

Question ID : **4410092084749**
Option 1 ID : **4410098207072**
Option 2 ID : **4410098207073**
Option 3 ID : **4410098207075**
Option 4 ID : **4410098207074**
Status : **Answered**
Chosen Option : **C**

Q.97 Which city was selected to host the 2026 Pickleball World Cup, marking the tournament's first edition to be held in Asia?

Ans

✗ A. Tokyo

✓ B. Da Nang

✗ C. Beijing

✗ D. Singapore

Question ID : **4410092013409**
Option 1 ID : **4410097928242**
Option 2 ID : **4410097928241**
Option 3 ID : **4410097928240**
Option 4 ID : **4410097928239**
Status : **Answered**
Chosen Option : **D**

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Q.98 Which major mental healthcare institution was announced in the Union Budget 2026–27 to address the absence of a national-level mental health institute in North India?

Ans

✗ A. National Psychiatry Mission

✓ B. NIMHANS-2

✗ C. Rashtriya Manasik Swasthya Kendra

✗ D. AIIMS Mental Health Centre

Question ID : **4410092009002**
Option 1 ID : **4410097911283**
Option 2 ID : **4410097911284**
Option 3 ID : **4410097911285**
Option 4 ID : **4410097911282**
Status : **Answered**
Chosen Option : **C**

Q.99 According to the Padma Awards 2026, which of the following awardees is linked with Literature and Education from West Bengal?

Ans

✗ A. Meena Raju

✗ B. Dr. Anjali Menon

✗ C. Prakash Gupta

✓ D. Asok Kumar Haldar

Question ID : **4410092010487**
Option 1 ID : **4410097917076**
Option 2 ID : **4410097917075**
Option 3 ID : **4410097917077**
Option 4 ID : **4410097917074**
Status : **Not Answered**
Chosen Option : **--**

Q.10 0 In 2026, the National Disaster Management Authority (NDMA) reviewed and expanded an early warning system for Glacial Lake Outburst Floods (GLOFs) after a pilot project in which Himalayan state?

Ans

✓ A. Himachal Pradesh

✗ B. Arunachal Pradesh

✗ C. Uttarakhand

✗ D. Sikkim

Question ID : **4410092008953**
Option 1 ID : **4410097911089**
Option 2 ID : **4410097911088**
Option 3 ID : **4410097911086**
Option 4 ID : **4410097911087**
Status : **Answered**
Chosen Option : **D**

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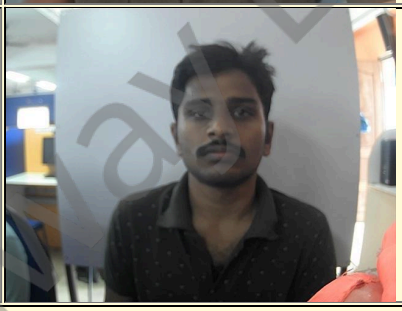
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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	J92502248704
Roll Number	189254291052543
Candidate Name	GURUSAMY V
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ Tirunelveli
Test Date	06/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

Q.1 An athlete of mass 60 kg runs at 5 m/s. What is the kinetic energy gained compared to standing still?

Ans

✗ A. 300 J

✗ B. 375 J

✓ C. 750 J

✗ D. 1500 J

Question ID : **4410092046047**
Option 1 ID : **4410098056264**
Option 2 ID : **4410098056262**
Option 3 ID : **4410098056263**
Option 4 ID : **4410098056261**
Status : **Answered**
Chosen Option : **C**

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Q.2 **Which of the following correctly explains why life processes such as nutrition, respiration, transport and excretion are essential for living organisms?**

Ans

✔ A. They maintain homeostasis and provide energy.

✘ B. They occur only in plants to sustain photosynthesis.

✘ C. They are independent processes that do not affect each other.

✘ D. They are required only for growth and reproduction.

Question ID : **4410091489071**
Option 1 ID : **4410095882448**
Option 2 ID : **4410095882446**
Option 3 ID : **4410095882447**
Option 4 ID : **4410095882445**
Status : **Answered**
Chosen Option : **A**

Q.3 **Clove oil is used as an olfactory indicator. If its smell persists in solution X but fades in solution Y, what can be inferred about the nature of the two solutions?**

Ans

✘ A. Solution X is basic and solution Y is acidic.

✘ B. Both solutions X and Y are acidic.

✔ C. Solution X is acidic and solution Y is basic.

✘ D. Both solutions X and Y are basic.

Question ID : **4410091787925**
Option 1 ID : **4410097050291**
Option 2 ID : **4410097050292**
Option 3 ID : **4410097050290**
Option 4 ID : **4410097050293**
Status : **Answered**
Chosen Option : **C**

Q.4 **During an experiment, a student places a candle beyond twice the focal length of a convex lens and records the image position and nature. Which of the following scenarios could result from this setup?**

Ans

✘ A. A real, inverted, and same-sized image forms at twice the focal length

✘ B. A virtual, erect, and larger image appears on the same side as the object

✔ C. An inverted, real, and diminished image forms between focus and twice the focal length

✘ D. An erect, real, and larger image forms beyond twice the focal length

Question ID : **4410092046359**
Option 1 ID : **4410098057506**
Option 2 ID : **4410098057508**
Option 3 ID : **4410098057505**
Option 4 ID : **4410098057507**
Status : **Answered**
Chosen Option : **C**

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Q.5 **Which of the following carbon compounds is most likely to burn with a non-luminous flame?**

Ans
- ✔ A. Ethanol
- ✘ B. Charcoal
- ✘ C. Camphor
- ✘ D. Kerosene

Question ID : **4410091693332**
Option 1 ID : **4410096679480**
Option 2 ID : **4410096679481**
Option 3 ID : **4410096679482**
Option 4 ID : **4410096679479**
Status : **Answered**
Chosen Option : **B**

Q.6 **After a genetic study, two bacteria previously grouped together are found to have highly divergent DNA. According to modern classification, which of the following is the most likely consequence?**

Ans
- ✘ A. Their similarity is confirmed by traditional traits
- ✘ B. They are merged as one species
- ✘ C. They remain in the same traditional group
- ✔ D. They may be reclassified into separate domains or groups

Question ID : **4410091981982**
Option 1 ID : **4410097806753**
Option 2 ID : **4410097806751**
Option 3 ID : **4410097806750**
Option 4 ID : **4410097806752**
Status : **Answered**
Chosen Option : **A**

Q.7 **Which is the first part of a neuron to receive information?**

Ans
- ✔ A. Dendrite
- ✘ B. Axon terminal
- ✘ C. Cell body
- ✘ D. Axon

Question ID : **4410092045296**
Option 1 ID : **4410098053268**
Option 2 ID : **4410098053269**
Option 3 ID : **4410098053267**
Option 4 ID : **4410098053266**
Status : **Answered**
Chosen Option : **A**

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Q.8 Which of the following is a property of a colloidal solution?

Ans

✗ A. Particles are smaller than true solutions

✗ B. Particles can be seen with the naked eye

✓ C. Particles do not settle on standing

✗ D. Components can be separated by filtration

Question ID : **4410091566308**
Option 1 ID : **4410096186639**
Option 2 ID : **4410096186636**
Option 3 ID : **4410096186637**
Option 4 ID : **4410096186638**
Status : **Answered**
Chosen Option : **C**

Q.9 A student places an object 15 cm in front of a concave mirror of focal length 10 cm. If the image formed is real, what is the magnification produced by the mirror?

Ans

✓ A. −2

✗ B. −1

✗ C. + 1

✗ D. + 2

Question ID : **4410092046418**
Option 1 ID : **4410098057741**
Option 2 ID : **4410098057743**
Option 3 ID : **4410098057742**
Option 4 ID : **4410098057744**
Status : **Answered**
Chosen Option : **D**

Q.10 In an ecosystem, what is the role played by decomposers?

Ans

✗ A. They regulate the water level in soil

✓ B. They break down dead organic matter

✗ C. They transfer energy directly to carnivores

✗ D. They synthesize food by photosynthesis

Question ID : **4410091611079**
Option 1 ID : **4410096363174**
Option 2 ID : **4410096363171**
Option 3 ID : **4410096363173**
Option 4 ID : **4410096363172**
Status : **Answered**
Chosen Option : **B**

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Q.11 A green, thread-like plant in freshwater pond lacks roots, stems, and leaves but photosynthesizes. Based on this information, which group does it belong to?

Ans

✗ A. Pteridophyta

✓ B. Thallophyta

✗ C. Bryophyta

✗ D. Gymnosperm

Question ID : **4410091982471**
Option 1 ID : **4410097808698**
Option 2 ID : **4410097808700**
Option 3 ID : **4410097808699**
Option 4 ID : **4410097808697**
Status : **Answered**
Chosen Option : **A**

Q.12 Which statement about mass number is correct?

Ans

✗ A. It is always equal to atomic number

✗ B. It is unrelated to atomic number

✓ C. It is always greater than atomic number

✗ D. It is always less than atomic number

Question ID : **4410091633408**
Option 1 ID : **4410096451742**
Option 2 ID : **4410096451745**
Option 3 ID : **4410096451743**
Option 4 ID : **4410096451744**
Status : **Answered**
Chosen Option : **C**

Q.13 When 16 g of oxygen is combined with 2 g of hydrogen, 18 g water is formed. This observation is in accordance with:

Ans

✗ A. law of multiple proportions

✓ B. law of conservation of mass

✗ C. Gay-Lussac's law

✗ D. Avagadro's Law

Question ID : **4410091084693**
Option 1 ID : **4410094275871**
Option 2 ID : **4410094275869**
Option 3 ID : **4410094275870**
Option 4 ID : **4410094275868**
Status : **Answered**
Chosen Option : **B**

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Q.14 A student is comparing samples of sulphur, carbon (Diamond), and bromine. Which property is least likely to be observed in all three?

Ans

✗ A. Dull appearance

✗ B. Brittleness

✓ C. High electrical conductivity

✗ D. Poor heat conduction

Question ID : **4410091693374**
Option 1 ID : **4410096679652**
Option 2 ID : **4410096679649**
Option 3 ID : **4410096679650**
Option 4 ID : **4410096679651**
Status : **Answered**
Chosen Option : **C**

Q.15 What is the main function of the synapse between two neurons?

Ans

✗ A. Energy supply

✗ B. Communication

✗ C. Signal storage

✓ D. Impulse transfer

Question ID : **4410092045298**
Option 1 ID : **4410098053274**
Option 2 ID : **4410098053275**
Option 3 ID : **4410098053277**
Option 4 ID : **4410098053276**
Status : **Answered**
Chosen Option : **D**

Q.16 How does the size of atmospheric particles affect the scattering of sunlight?

Ans

✗ A. Irregular particles scatter only yellow light more

✗ B. Larger particles scatter only red light effectively

✗ C. Medium particles scatter only green light efficiently

✓ D. Smaller particles scatter shorter wavelengths more efficiently

Question ID : **4410092046241**
Option 1 ID : **4410098057037**
Option 2 ID : **4410098057039**
Option 3 ID : **4410098057038**
Option 4 ID : **4410098057040**
Status : **Answered**
Chosen Option : **D**

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Q.17 A car moves at a constant speed of 20 m/s for 5 seconds. What is the total distance travelled by the car during this time?

Ans
✗ A. 25 meters
✗ B. 4 meters
✗ C. 400 meters
✓ D. 100 meters

Question ID : **4410092046148**
Option 1 ID : **4410098056666**
Option 2 ID : **4410098056668**
Option 3 ID : **4410098056665**
Option 4 ID : **4410098056667**
Status : **Answered**
Chosen Option : **D**

Q.18 If two bodies of equal mass are acted upon by unequal forces for the same time, then the body on which the larger force acts will have _____.

Ans
✗ A. no change in momentum
✗ B. less change in momentum
✗ C. equal change in momentum
✓ D. more change in momentum

Question ID : **4410091353824**
Option 1 ID : **4410095347445**
Option 2 ID : **4410095347443**
Option 3 ID : **4410095347446**
Option 4 ID : **4410095347444**
Status : **Answered**
Chosen Option : **D**

Q.19 Which of the following physical quantities affect gravitational potential energy?

Ans
✗ A. Temperature and colour
✗ B. Speed and distance
✗ C. Volume and shape
✓ D. Mass and height

Question ID : **4410092046056**
Option 1 ID : **4410098056298**
Option 2 ID : **4410098056297**
Option 3 ID : **4410098056299**
Option 4 ID : **4410098056300**
Status : **Answered**
Chosen Option : **D**

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Q.20 Electric fuses are used in household circuits primarily to _____.

Ans

✗ A. Supply extra electricity when needed

✗ B. Reduce voltage in the circuit

✗ C. Store electrical energy for later use

✓ D. Interrupt the circuit if excessive current flows

Question ID : **4410092045831**
Option 1 ID : **4410098055399**
Option 2 ID : **4410098055400**
Option 3 ID : **4410098055398**
Option 4 ID : **4410098055397**
Status : **Answered**
Chosen Option : **D**

Q.21 Which of the following correctly explains why an acid shows acidic behaviour only in aqueous solution?

Ans

✗ A. An acid loses H^+ ions even in the absence of water.

✗ B. Water prevents the ionisation of acids.

✓ C. Hydrogen ions (H^+) are produced only when the acid dissolves in water.

✗ D. The acid molecules remain completely ionised in the dry state.

Question ID : **4410091646422**
Option 1 ID : **4410096501926**
Option 2 ID : **4410096501929**
Option 3 ID : **4410096501927**
Option 4 ID : **4410096501928**
Status : **Answered**
Chosen Option : **C**

Q.22 Read the following statements and choose the correct option.

Statement I: **All metals in the reactivity series can displace hydrogen from dilute acids to form hydrogen gas.**
Statement II: **Metals below hydrogen in the reactivity series do not produce hydrogen gas with dilute acids.**

Ans

✗ A. Statement I is true, Statement II is true, and Statement II is the correct explanation of Statement I.

✗ B. Statement I is true, but Statement II is false.

✗ C. Statement I is true, Statement II is true, but Statement II is not the correct explanation of Statement I.

✓ D. Statement I is false, but Statement II is true.

Question ID : **4410092178493**
Option 1 ID : **4410098572759**
Option 2 ID : **4410098572761**
Option 3 ID : **4410098572760**
Option 4 ID : **4410098572762**
Status : **Answered**
Chosen Option : **D**

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Q.23 A student sets up two circuits: Circuit X uses a thin, long copper wire, and Circuit Y uses a thick, short copper wire, both connected to identical batteries. Which circuit will have a higher resistance, and why?

Ans

✗ A. Circuit Y because the resistance decreases with length and increases with cross-sectional area

✓ B. Circuit X because the resistance increases with length and decreases with cross-sectional area

✗ C. Circuit Y because the resistance increases with length and decreases with cross-sectional area

✗ D. Circuit X because the resistance decreases with length and increases with cross-sectional area

Question ID : **4410092045877**
Option 1 ID : **4410098055583**
Option 2 ID : **4410098055581**
Option 3 ID : **4410098055582**
Option 4 ID : **4410098055584**
Status : **Answered**
Chosen Option : **B**

Q.24 The long, cylindrical cells that form muscular tissues are specifically known as _____.

Ans

✗ A. Sieve tubes

✗ B. Neurons

✓ C. Muscle fibres

✗ D. Cartilage discs

Question ID : **4410091974144**
Option 1 ID : **4410097775593**
Option 2 ID : **4410097775592**
Option 3 ID : **4410097775595**
Option 4 ID : **4410097775594**
Status : **Answered**
Chosen Option : **C**

Q.25 Smooth muscles are responsible for all the following actions, EXCEPT:

Ans

✗ A. Regular movements in the intestines.

✓ B. Lifting a heavy bucket of water.

✗ C. Moving food through the digestive tract.

✗ D. Functioning automatically without conscious thought.

Question ID : **4410091974150**
Option 1 ID : **4410097775616**
Option 2 ID : **4410097775618**
Option 3 ID : **4410097775619**
Option 4 ID : **4410097775617**
Status : **Answered**
Chosen Option : **B**

Railway BABA

Section : **Mathematics**

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Q.26 A city's tree plantation drive increased the number of trees by 40%. A storm destroyed 30% of the new trees. The number of trees destroyed in the storm is what percent of the original tree count?

Ans
✗ A. 9%
✓ B. 12%
✗ C. 15%
✗ D. 18%

Question ID : **4410091129298**
Option 1 ID : **4410094452722**
Option 2 ID : **4410094452723**
Option 3 ID : **4410094452724**
Option 4 ID : **4410094452725**
Status : **Not Answered**
Chosen Option : **--**

Q.27 A can do a work in 10 days and B in 15 days. They work together for 3 days. How much work is left?

Ans
✓ A. $\frac{1}{2}$
✗ B. $\frac{1}{4}$
✗ C. $\frac{1}{10}$
✗ D. $\frac{1}{8}$

Question ID : **4410091628964**
Option 1 ID : **4410096434002**
Option 2 ID : **4410096434003**
Option 3 ID : **4410096434005**
Option 4 ID : **4410096434004**
Status : **Answered**
Chosen Option : **A**

Q.28 If $\sin\theta + \cos\theta = \sqrt{3}$, then the value of $\sin^3\theta + \cos^3\theta$ is

Ans
✓ A. 0
✗ B. -1
✗ C. 3
✗ D. $\sqrt{3}$

Question ID : **4410091596941**
Option 1 ID : **4410096307792**
Option 2 ID : **4410096307791**
Option 3 ID : **4410096307790**
Option 4 ID : **4410096307793**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.29 Two trains, one 120 m long and the other 180 m long, are running in opposite directions at 45 km/hr and 54 km/hr, respectively. How long will they take to cross each other completely? [Give your answer in seconds, correct to one place after decimal.]

Ans
✗ A. 12.0 s
✗ B. 11.5 s
✗ C. 9.5 s
✓ D. 10.9 s

Question ID : **4410091488488**
Option 1 ID : **4410095880165**
Option 2 ID : **4410095880164**
Option 3 ID : **4410095880166**
Option 4 ID : **4410095880163**
Status : **Answered**
Chosen Option : **D**

Q.30 Find the number which when subtracted from 11 and 67 will give 21 as their mean proportional.

Ans
✗ A. 8
✗ B. 6
✓ C. 4
✗ D. 3

Question ID : **44100965625**
Option 1 ID : **441009261460**
Option 2 ID : **441009261461**
Option 3 ID : **441009261458**
Option 4 ID : **441009261459**
Status : **Answered**
Chosen Option : **C**

Q.31 If the surface area of a sphere is divided by its radius, the result becomes 132 cm. Find the volume of the sphere. $(\text{Take } \pi = \frac{22}{7})$

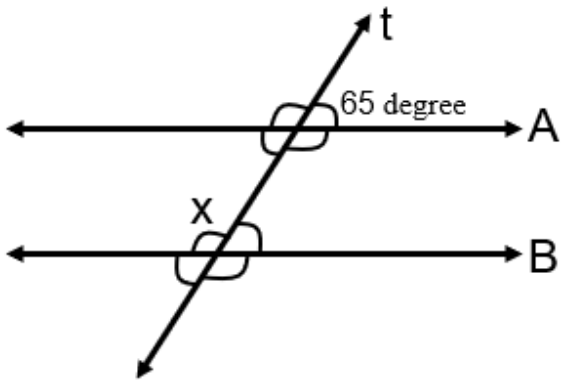
Ans
✗ A. 4951 cm^3
✓ B. 4851 cm^3
✗ C. 4911 cm^3
✗ D. 5109 cm^3

Question ID : **4410091477448**
Option 1 ID : **4410095837180**
Option 2 ID : **4410095837182**
Option 3 ID : **4410095837181**
Option 4 ID : **4410095837179**
Status : **Answered**
Chosen Option : **B**

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Q.32 Find the value of x if A and B are two parallel lines.



Ans
- ✗ A. 55°
- ✗ B. 90°
- ✗ C. 105°
- ✓ D. 115°

Question ID : **441009622270**
Option 1 ID : **4410092443212**
Option 2 ID : **4410092443213**
Option 3 ID : **4410092443214**
Option 4 ID : **4410092443215**
Status : **Answered**
Chosen Option : **D**

Q.33 The mean of a data set is 40 and the median is 35. Find the mode using the empirical relation.

Ans
- ✗ A. 30
- ✗ B. 40
- ✓ C. 25
- ✗ D. 45

Question ID : **4410091988110**
Option 1 ID : **4410097830211**
Option 2 ID : **4410097830209**
Option 3 ID : **4410097830212**
Option 4 ID : **4410097830210**
Status : **Answered**
Chosen Option : **C**

Q.34 Find the volume of a cylinder whose radius is 5 cm and total surface area is 408.2 cm^2 (use π = 3.14).

Ans
- ✓ A. 628 cm^3
- ✗ B. 427 cm^3
- ✗ C. 596 cm^3
- ✗ D. 514 cm^3

Question ID : **44100930342**
Option 1 ID : **441009120807**
Option 2 ID : **441009120804**
Option 3 ID : **441009120806**
Option 4 ID : **441009120805**
Status : **Answered**
Chosen Option : **A**

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Q.35 If 8 workers can complete a task in 12 days, how many days will 6 workers take to complete the same task?

Ans
- ✗ A. 15 days
- ✓ B. 16 days
- ✗ C. 18 days
- ✗ D. 12 days

Question ID : **4410091384783**
Option 1 ID : **4410095469893**
Option 2 ID : **4410095469891**
Option 3 ID : **4410095469892**
Option 4 ID : **4410095469894**
Status : **Answered**
Chosen Option : **B**

Q.36 Arun has a sum of ₹1,681 with him. He divides this amount between his two sons, Mahesh and Vijay. Mahesh invests his share at 5% per annum, compounded annually, for 17 years, while Vijay invests his share at the same rate for 18 years. After the respective periods, both receive equal amounts. Find the amount (in ₹) given to Mahesh.

Ans
- ✗ A. 711
- ✗ B. 820
- ✓ C. 861
- ✗ D. 920

Question ID : **441009573615**
Option 1 ID : **4410092249582**
Option 2 ID : **4410092249581**
Option 3 ID : **4410092249580**
Option 4 ID : **4410092249583**
Status : **Answered**
Chosen Option : **C**

Q.37 The incomes of A and B are in the ratio 5:7 and their expenditures are in the ratio 3:5. If each saves Rs. 4200, what is the income of A?

Ans
- ✗ A. Rs. 8000
- ✗ B. Rs. 12000
- ✓ C. Rs. 10500
- ✗ D. Rs. 14000

Question ID : **4410091995019**
Option 1 ID : **4410097856707**
Option 2 ID : **4410097856705**
Option 3 ID : **4410097856708**
Option 4 ID : **4410097856706**
Status : **Answered**
Chosen Option : **C**

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Q.38 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 87% and 14%, shop II allows successive discounts of 16% and 92%, shop III allows successive discounts of 60% and 35% and shop IV allows successive discounts of 58%, 29%, and 87% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. II
- ✗ B. III
- ✗ C. I
- ✓ D. IV

Question ID : **4410095368897**
Option 1 ID : **4410092102986**
Option 2 ID : **4410092102985**
Option 3 ID : **4410092102987**
Option 4 ID : **4410092102984**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.39 In a school election, 10% of the students did not vote. If the total number of students was 2,000, how many students voted?

Ans
- ✗ A. 1,700
- ✓ B. 1,800
- ✗ C. 1,600
- ✗ D. 1,900

Question ID : **4410091988771**
Option 1 ID : **4410097832858**
Option 2 ID : **4410097832859**
Option 3 ID : **4410097832857**
Option 4 ID : **4410097832860**
Status : **Answered**
Chosen Option : **B**

Q.40 A 5-member family consists of grandparents, parents, and one grandchild. The average age of the grandparents is 76 years, that of the parents is 40 years, and the age of the grandchild is 8 years. What is the average age of the family?

Ans
- ✗ A. 42 years
- ✗ B. 46 years
- ✓ C. 48 years
- ✗ D. 44 years

Question ID : **4410091981062**
Option 1 ID : **4410097803068**
Option 2 ID : **4410097803070**
Option 3 ID : **4410097803071**
Option 4 ID : **4410097803069**
Status : **Answered**
Chosen Option : **C**

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Q.41 The value of $\tan^2\theta + \cot^2\theta - \sec^2\theta\operatorname{cosec}^2\theta + 2$ is:

Ans
✗ A. −1
✓ B. 0
✗ C. 1
✗ D. 2

Question ID : **441009600029**
Option 1 ID : **4410092355235**
Option 2 ID : **4410092355233**
Option 3 ID : **4410092355234**
Option 4 ID : **4410092355236**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.42 Two rectangular fields have lengths x and y meters respectively, where x>y. The sum of their lengths is equal to three times the difference of their lengths. What is the value of $\frac{3xy}{2(x^2-y^2)}$?

Ans
✗ A. $\frac{2}{3}$
✗ B. $1\frac{2}{3}$
✗ C. $1\frac{1}{3}$
✓ D. 1

Question ID : **4410091076365**
Option 1 ID : **4410094242899**
Option 2 ID : **4410094242901**
Option 3 ID : **4410094242902**
Option 4 ID : **4410094242900**
Status : **Answered**
Chosen Option : **D**

Q.43 A car costing ₹2,20,000 depreciates at 5% per annum compounded annually. What is its value (in ₹) after 2 years?

Ans
✗ A. 1,75,000
✓ B. 1,98,550
✗ C. 1,80,500
✗ D. 1,85,500

Question ID : **4410092028076**
Option 1 ID : **4410097985945**
Option 2 ID : **4410097985947**
Option 3 ID : **4410097985944**
Option 4 ID : **4410097985946**
Status : **Answered**
Chosen Option : **B**

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Q.44 One person travels three sides of an equilateral triangle at a speed of 12 km/hr, 24 km/hr and 8 km/hr. Find his average speed (in km/hr).

Ans
✗ A. 12.6
✗ B. 13.8
✓ C. 12
✗ D. 13.4

Question ID : **441009876056**
Option 1 ID : **4410093458025**
Option 2 ID : **4410093458024**
Option 3 ID : **4410093458026**
Option 4 ID : **4410093458023**
Status : **Answered**
Chosen Option : **C**

Q.45 Arvind bought an article for ₹x. He sold it to Biru at a loss of 25%. Biru spent ₹157 on its transportation and sold it to Minu at a profit of 40%. If Minu bought it for ₹1,715, then what is the value of x (in ₹)?

Ans
✗ A. 1,446
✗ B. 1,414
✓ C. 1,424
✗ D. 1,408

Question ID : **441009561686**
Option 1 ID : **4410092202014**
Option 2 ID : **4410092202012**
Option 3 ID : **4410092202011**
Option 4 ID : **4410092202013**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.46 Given that $109^{0.64} = x$, $109^{0.83} = y$ and $x^z = y^5$, then the value of z is close to:

Ans
✗ A. 7.82
✗ B. 5.06
✓ C. 6.48
✗ D. 7.91

Question ID : **441009536564**
Option 1 ID : **4410092101654**
Option 2 ID : **4410092101653**
Option 3 ID : **4410092101652**
Option 4 ID : **4410092101655**
Status : **Answered**
Chosen Option : **C**

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Q.47 If the mean of the following data is 50, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	39	47	44	13	x

Ans
✔ A. 653
✘ B. 674
✘ C. 648
✘ D. 649

Question ID : **4410096225 09**
Option 1 ID : **4410092444168**
Option 2 ID : **4410092444171**
Option 3 ID : **4410092444170**
Option 4 ID : **4410092444169**
Status : **Answered**
Chosen Option : **A**

Q.48 If $x = \sqrt{5776}$ and $y = \sqrt{2025}$, find $\frac{x^2 - y^2}{x - y}$

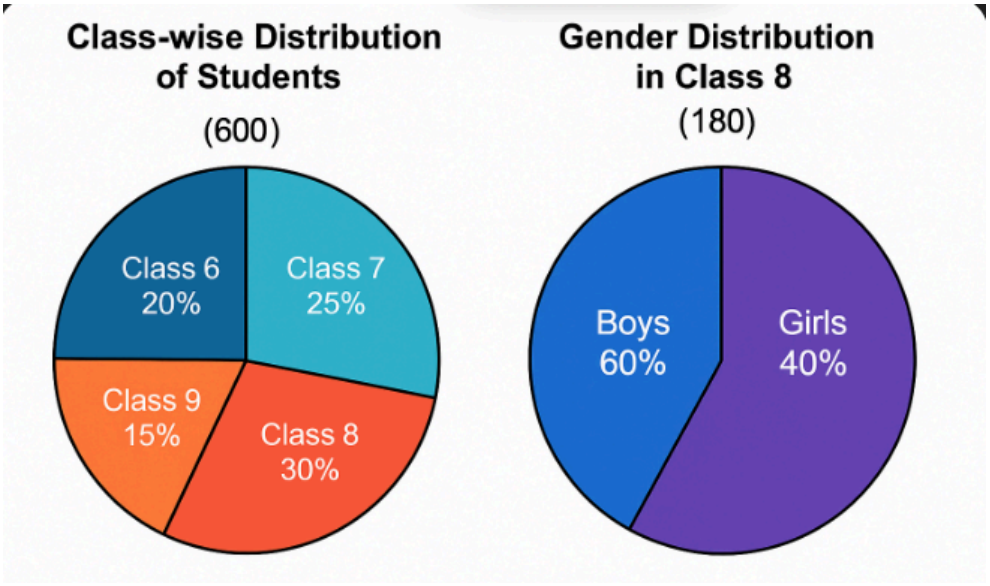
Ans
✘ A. 122
✘ B. 120
✔ C. 121
✘ D. 100

Question ID : **4410091027938**
Option 1 ID : **4410094063366**
Option 2 ID : **4410094063364**
Option 3 ID : **4410094063365**
Option 4 ID : **4410094063363**
Status : **Answered**
Chosen Option : **C**

RAILWAY BABA

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Q.49 Study the pie charts and answer the question that follows. The charts below show the distribution of students in a school.



What is the number of girls in Class 8?

Ans
- ✗ A. 90
- ✗ B. 108
- ✓ C. 72
- ✗ D. 60

Question ID : **4410091517277**
Option 1 ID : **4410095992483**
Option 2 ID : **4410095992484**
Option 3 ID : **4410095992482**
Option 4 ID : **4410095992481**
Status : **Answered**
Chosen Option : **C**

Q.50 What sum (in ₹) will earn a simple interest of ₹960 in 4 years at 8% per year rate of interest?

Ans
- ✗ A. 4800
- ✓ B. 3000
- ✗ C. 6000
- ✗ D. 1500

Question ID : **441009852918**
Option 1 ID : **4410093364647**
Option 2 ID : **4410093364644**
Option 3 ID : **4410093364646**
Option 4 ID : **4410093364645**
Status : **Answered**
Chosen Option : **B**

Section : **General Intelligence and Reasoning**

Railway BABA

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Q.51 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
2 – 6 – 18 – 38 ; 3 – 9 – 27 – 47

Ans
✔ A. 5 - 15 - 45 - 65
✘ B. 4 - 8 - 16 - 40
✘ C. 6 - 18 - 36 - 76
✘ D. 7 - 14 - 28 - 58

Question ID : **4410091992406**
Option 1 ID : **4410097847260**
Option 2 ID : **4410097847258**
Option 3 ID : **4410097847257**
Option 4 ID : **4410097847259**
Status : **Answered**
Chosen Option : **A**

Q.52 What should come in place of the question mark (?) in the given series?

51 55 63 75 91 ?

Ans
✘ A. 124
✔ B. 111
✘ C. 116
✘ D. 102

Question ID : **4410091987737**
Option 1 ID : **4410097828739**
Option 2 ID : **4410097828740**
Option 3 ID : **4410097828737**
Option 4 ID : **4410097828738**
Status : **Answered**
Chosen Option : **B**

Q.53 In a certain code language, 'may get prize' is coded as 'gm qv bn' and 'get more water' is coded as 'kp bn tz'. How is 'get' coded in that language? (All the codes are two-letter codes only.)

Ans
✘ A. tz
✔ B. bn
✘ C. kp
✘ D. qv

Question ID : **4410091573982**
Option 1 ID : **4410096216700**
Option 2 ID : **4410096216699**
Option 3 ID : **4410096216697**
Option 4 ID : **4410096216698**
Status : **Answered**
Chosen Option : **B**

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Q.54 Each of B, F, N, K, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. B has exam on Friday. Only five people have exams after U. Only one person has exam between F and U. K has exam immediately before T. V does not have exam on Monday. How many people have exams between V and B?

Ans

✗ A. Three

✗ B. Four

✓ C. One

✗ D. Two

Question ID : **4410091441197**
Option 1 ID : **4410095693441**
Option 2 ID : **4410095693442**
Option 3 ID : **4410095693444**
Option 4 ID : **4410095693443**
Status : **Answered**
Chosen Option : **C**

Q.55 Seven students I, J, K, P, Q, R and Z are sitting around a circular table facing the center of the table. Q sits third to the left of K. Only two people sit between R and J when counted from the left of J. P sits to the immediate right of K. P sits second to the left of R. Z is not an immediate neighbor of Q. Who sits second to the right of I?

Ans

✗ A. Z

✓ B. K

✗ C. P

✗ D. R

Question ID : **441009784420**
Option 1 ID : **4410093091685**
Option 2 ID : **4410093091684**
Option 3 ID : **4410093091683**
Option 4 ID : **4410093091686**
Status : **Answered**
Chosen Option : **B**

Q.56 Each of the digits in the number 81532976 is arranged in the ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?

Ans

✗ A. 6

✗ B. 3

✗ C. 7

✓ D. 5

Question ID : **4410091125567**
Option 1 ID : **4410094437813**
Option 2 ID : **4410094437811**
Option 3 ID : **4410094437814**
Option 4 ID : **4410094437812**
Status : **Answered**
Chosen Option : **D**

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Q.57 Refer to the following letter, symbol series and answer the question.

(Left) G # M + B & H % $ F # E ^ & W @ W $ D S ! (Right)

If all the letters are dropped from the series, which of the following will be seventh from the right?

Ans

✗ A. ?

✗ B. +

✗ C. @

✓ D. $

Question ID : **441009803881**
Option 1 ID : **4410093169649**
Option 2 ID : **4410093169648**
Option 3 ID : **4410093169650**
Option 4 ID : **4410093169647**
Status : **Answered**
Chosen Option : **D**

Q.58 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B' and
A # B means 'A is the daughter of B'.

How is Fb related to Yt if 'Fb # Ki × Tn % Ec × Yt'?

Ans

✓ A. Wife's sister

✗ B. Sister's husband

✗ C. Daughter's husband

✗ D. Mother's sister

Question ID : **4410091502088**
Option 1 ID : **4410095932738**
Option 2 ID : **4410095932737**
Option 3 ID : **4410095932736**
Option 4 ID : **4410095932739**
Status : **Answered**
Chosen Option : **A**

Q.59 In a certain code language,
A + B means 'A is the sister of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is S related to N if 'S × E ÷ W − T + N'?

Ans

✓ A. Mother

✗ B. Wife

✗ C. Daughter

✗ D. Sister

Question ID : **441009758297**
Option 1 ID : **4410092987181**
Option 2 ID : **4410092987182**
Option 3 ID : **4410092987183**
Option 4 ID : **4410092987184**
Status : **Answered**
Chosen Option : **A**

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Q.60 D, F, G, H, J, K and L are sitting around a circular table facing the centre.
Only three people sit between L and D when counted from the right of D. K and F are immediate neighbours of D. G sits immediately to the right of H. K is not an immediate neighbour of J.
How many people sit between G and J when counted from the left of G?

Ans
✗ A. 2
✓ B. 4
✗ C. 3
✗ D. 1

Question ID : **4410091462297**
Option 1 ID : **4410095777295**
Option 2 ID : **4410095777297**
Option 3 ID : **4410095777296**
Option 4 ID : **4410095777294**
Status : **Answered**
Chosen Option : **B**

Q.61 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
13 - 28
20 - 42

Ans
✗ A. 5 - 13
✗ B. 5 - 14
✗ C. 11 - 23
✓ D. 17 - 36

Question ID : **441009591340**
Option 1 ID : **4410092320476**
Option 2 ID : **4410092320473**
Option 3 ID : **4410092320474**
Option 4 ID : **4410092320475**
Status : **Answered**
Chosen Option : **D**

Q.62 In a certain code language, 'five minutes only' is coded as 'ta bs yk' and 'only the truth' is coded as 'cz ta gp'. How is 'only' coded in that language? (All the codes are two-letter codes only.)

Ans
✗ A. bs
✗ B. gp
✓ C. ta
✗ D. yk

Question ID : **4410091573981**
Option 1 ID : **4410096216694**
Option 2 ID : **4410096216693**
Option 3 ID : **4410096216695**
Option 4 ID : **4410096216696**
Status : **Answered**
Chosen Option : **C**

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Q.63 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: SNQ :: JEH : %

Ans
✗ A. # = PGN, % = MHL
✓ B. # = PKN, % = MHK
✗ C. # = PJI, % = BGK
✗ D. # = OPN, % = MBN

Question ID : **441009761092**
Option 1 ID : **4410092998364**
Option 2 ID : **4410092998363**
Option 3 ID : **4410092998362**
Option 4 ID : **4410092998361**
Status : **Answered**
Chosen Option : **B**

Q.64 This question is based on the following words.

WAR ITS NOT BET

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✓ B. Three
✗ C. Two
✗ D. Four

Question ID : **441009819459**
Option 1 ID : **4410093231962**
Option 2 ID : **4410093231960**
Option 3 ID : **4410093231961**
Option 4 ID : **4410093231959**
Status : **Answered**
Chosen Option : **B**

Q.65 This question is based on the given words.

FAX KEY POT GYM

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. None
✗ B. One
✓ C. Two
✗ D. Four

Question ID : **4410091988726**
Option 1 ID : **4410097832677**
Option 2 ID : **4410097832678**
Option 3 ID : **4410097832679**
Option 4 ID : **4410097832680**
Status : **Answered**
Chosen Option : **C**

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Q.66 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. JPU
- ✗ B. CIN
- ✗ C. KQV
- ✓ D. HNT

Question ID : **4410091367342**
Option 1 ID : **4410095400818**
Option 2 ID : **4410095400815**
Option 3 ID : **4410095400817**
Option 4 ID : **4410095400816**
Status : **Answered**
Chosen Option : **D**

Q.67 Tarun ranked 49th from the top and 69th from the bottom in his class. How many students are there in his class?

Ans
- ✗ A. 119
- ✗ B. 116
- ✗ C. 118
- ✓ D. 117

Question ID : **4410091608137**
Option 1 ID : **4410096351479**
Option 2 ID : **4410096351477**
Option 3 ID : **4410096351478**
Option 4 ID : **4410096351476**
Status : **Answered**
Chosen Option : **D**

Q.68 Mr. Nima starts from Point A and drives 26 km towards south. He then takes a right turn, drives 31 km, turns right and drives 42 km. Next, he takes a right turn, drives 25 km, turns right and drives 11 km. He then takes a left turn and drives 14 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

Ans
- ✓ A. 8 km towards west
- ✗ B. 10 km towards north
- ✗ C. 6 km towards east
- ✗ D. 10 km towards south

Question ID : **441009761118**
Option 1 ID : **4410092998466**
Option 2 ID : **4410092998468**
Option 3 ID : **4410092998465**
Option 4 ID : **4410092998467**
Status : **Answered**
Chosen Option : **A**

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Q.69 What should come in place of ? in the given series based on the English alphabetical order?
BDF HJL NPR TVX ?

Ans
✗ A. YZA
✗ B. ZBC
✗ C. YAC
✓ D. ZBD

Question ID : **4410091492181**
Option 1 ID : **4410095894433**
Option 2 ID : **4410095894435**
Option 3 ID : **4410095894434**
Option 4 ID : **4410095894436**
Status : **Answered**
Chosen Option : **D**

Q.70 Each of the digits in the number 31598756 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the new number thus formed?

Ans
✗ A. 9
✗ B. 11
✗ C. 8
✓ D. 10

Question ID : **441009586216**
Option 1 ID : **4410092299991**
Option 2 ID : **4410092299992**
Option 3 ID : **4410092299993**
Option 4 ID : **4410092299990**
Status : **Answered**
Chosen Option : **D**

Q.71 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) & B @ 8 X 9 * $ J @ P 4 L 4 @ & 5 @ F # € 5 (Right)

If all the letters are dropped from the series, which of the following will be sixth from the left?

Ans
✓ A. $
✗ B. 4
✗ C. @
✗ D. *

Question ID : **4410091229930**
Option 1 ID : **4410094853198**
Option 2 ID : **4410094853197**
Option 3 ID : **4410094853196**
Option 4 ID : **4410094853199**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.72 Each vowel in the word CHEMIST is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be second from the right in the new group of letters thus formed?

Ans
✔ A. R
✘ B. S
✘ C. Q
✘ D. T

Question ID : **441009806195**
Option 1 ID : **4410093178903**
Option 2 ID : **4410093178904**
Option 3 ID : **4410093178906**
Option 4 ID : **4410093178905**
Status : **Answered**
Chosen Option : **A**

Q.73 Karan starts from Point A and drives 12 km towards north. He then takes a left turn, drives 8 km, turns left and drives 14 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only, unless specified.)

Ans
✘ A. 6 km to the east
✘ B. 6 km to the west
✔ C. 5 km to the west
✘ D. 5 km to the east

Question ID : **441009720282**
Option 1 ID : **4410092834875**
Option 2 ID : **4410092834874**
Option 3 ID : **4410092834872**
Option 4 ID : **4410092834873**
Status : **Answered**
Chosen Option : **C**

Q.74 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

FTN : IWL
JSU : MVS

Ans
✔ A. NGJ : QJH
✘ B. JLJ : MOG
✘ C. KWQ : NYO
✘ D. HWL : KZI

Question ID : **4410091598316**
Option 1 ID : **4410096313203**
Option 2 ID : **4410096313206**
Option 3 ID : **4410096313205**
Option 4 ID : **4410096313204**
Status : **Answered**
Chosen Option : **A**

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Q.75 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

DZA−XTU
YUV−SOP

Ans
✔ A. SOP−MIJ
✘ B. SNN−LHI
✘ C. SOP−LII
✘ D. SNN−MIJ

Question ID : **4410091148524**
Option 1 ID : **4410094529052**
Option 2 ID : **4410094529055**
Option 3 ID : **4410094529053**
Option 4 ID : **4410094529054**
Status : **Answered**
Chosen Option : **A**

Q.76 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) W N E U S X J U C G Z A D R M I A G Y E A Z (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✘ A. 2
✘ B. 5
✔ C. 3
✘ D. 4

Question ID : **441009769748**
Option 1 ID : **4410093032987**
Option 2 ID : **4410093032988**
Option 3 ID : **4410093032985**
Option 4 ID : **4410093032986**
Status : **Answered**
Chosen Option : **C**

Q.77 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
3 ÷ 2 + 15 × 3 − 5 = ?

Ans
✘ A. 4
✔ B. 6
✘ C. 8
✘ D. 5

Question ID : **441009926102**
Option 1 ID : **4410093658476**
Option 2 ID : **4410093658478**
Option 3 ID : **4410093658479**
Option 4 ID : **4410093658477**
Status : **Answered**
Chosen Option : **B**

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Q.78 A, D, F, G, H and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on, till the topmost floor is numbered 6. A lives on an odd numbered floor but not 3. The sum of floors on which A and S live is 7. D lives immediately below F. H lives on the top floor. What is the sum of floors on which H and G live?

Ans
- ✔ A. 7
- ✘ B. 5
- ✘ C. 8
- ✘ D. 6

Question ID : **4410091462439**
Option 1 ID : **4410095777866**
Option 2 ID : **4410095777867**
Option 3 ID : **4410095777869**
Option 4 ID : **4410095777868**
Status : **Answered**
Chosen Option : **A**

Q.79 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. CBY
- ✘ B. YXU
- ✘ C. NMJ
- ✔ D. XXT

Question ID : **4410091000008**
Option 1 ID : **4410093951880**
Option 2 ID : **4410093951882**
Option 3 ID : **4410093951881**
Option 4 ID : **4410093951879**
Status : **Answered**
Chosen Option : **D**

Q.80 Each letter in the word LANDMARK is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter that is fourth from the left and the one that is second from the right in the new letter-cluster thus formed?

Ans
- ✘ A. 3
- ✘ B. 5
- ✔ C. 2
- ✘ D. 4

Question ID : **441009809054**
Option 1 ID : **4410093190340**
Option 2 ID : **4410093190342**
Option 3 ID : **4410093190339**
Option 4 ID : **4410093190341**
Status : **Answered**
Chosen Option : **C**

Section : **General Awareness and Current Affairs**

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Q.81 What was the name of the National AI Literacy programme launched by IndiaAI under the Ministry of Electronics and Information Technology in collaboration with AISECT in February 2026 to expand access to foundational AI education in semi-urban and underserved regions?

Ans

✗ A. Digital AI Bharat

✗ B. IndiaAI Connect

✓ C. Yuva AI for All

✗ D. AI Shiksha Mission

Question ID : **4410092008598**
Option 1 ID : **4410097909671**
Option 2 ID : **4410097909673**
Option 3 ID : **4410097909670**
Option 4 ID : **4410097909672**
Status : **Answered**
Chosen Option : **C**

Q.82 Which of the following groups did the National Human Rights Commission (NHRC) specifically identify as being most at risk due to heat waves in India, according to the recent directive issued in April 2026?

Ans

✗ A. Schoolchildren in private institutions

✗ B. Urban residents in metropolitan cities

✓ C. Economically weaker sections, outdoor workers, and the homeless

✗ D. Government officials and administrators

Question ID : **4410092005799**
Option 1 ID : **4410097898675**
Option 2 ID : **4410097898672**
Option 3 ID : **4410097898674**
Option 4 ID : **4410097898673**
Status : **Not Answered**
Chosen Option : **--**

Q.83 The National Science Centre, Delhi, celebrated World Earth Day 2026 on April 22 based on which official global theme?

Ans

✗ A. Restore Our Earth

✓ B. Our Power, Our Planet

✗ C. Invest in Our Planet

✗ D. Climate Action for Future Generations

Question ID : **4410092065637**
Option 1 ID : **4410098132104**
Option 2 ID : **4410098132102**
Option 3 ID : **4410098132105**
Option 4 ID : **4410098132103**
Status : **Answered**
Chosen Option : **C**

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Q.84 The Central Government approved ₹2,432 crore under the Amended BharatNet Programme (ABP) in May 2026 for broadband expansion in which state?

Ans

✗ A. Madhya Pradesh

✓ B. Andhra Pradesh

✗ C. Gujarat

✗ D. Rajasthan

Question ID : **4410092009222**
Option 1 ID : **4410097912158**
Option 2 ID : **4410097912161**
Option 3 ID : **4410097912159**
Option 4 ID : **4410097912160**
Status : **Not Answered**
Chosen Option : **--**

Q.85 Which initiative was announced in the Union Budget 2026–27 to shift sports development in India towards a long-term, mission-mode approach over the next decade?

Ans

✓ A. Khelo India Mission

✗ B. Target Olympic Podium Scheme Plus

✗ C. National Sports Development Fund

✗ D. Fit India Global Mission

Question ID : **4410092009280**
Option 1 ID : **4410097912390**
Option 2 ID : **4410097912391**
Option 3 ID : **4410097912392**
Option 4 ID : **4410097912393**
Status : **Answered**
Chosen Option : **A**

Q.86 In May, 2026, the Vigilance and Anti-Corruption Bureau (VACB) launched "Project Zero", a major initiative aimed at curbing bribery and corruption in public administration. This initiative was launched in which state?

Ans

✗ A. Tamil Nadu

✗ B. Andhra Pradesh

✓ C. Kerala

✗ D. Karnataka

Question ID : **4410091992660**
Option 1 ID : **4410097848238**
Option 2 ID : **4410097848240**
Option 3 ID : **4410097848237**
Option 4 ID : **4410097848239**
Status : **Answered**
Chosen Option : **C**

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Q.87 How many medals did India secure at the Asian Weightlifting Championship held in May 2026 at Gujarat?

Ans
✔ A. 10
✘ B. 17
✘ C. 14
✘ D. 8

Question ID : **4410092079415**
Option 1 ID : **4410098185971**
Option 2 ID : **4410098185969**
Option 3 ID : **4410098185970**
Option 4 ID : **4410098185972**
Status : **Answered**
Chosen Option : **B**

Q.88 Param Shakti Supercomputing facility, launched at Indian Institute of Technology (IIT) Madras in January 2026, is powered by which indigenous supercomputing system?

Ans
✘ A. PARAM PRAVEGA
✘ B. PARAM BRAHMA
✔ C. PARAM RUDRA
✘ D. PARAM SHIVAY

Question ID : **4410091668210**
Option 1 ID : **4410096584471**
Option 2 ID : **4410096584470**
Option 3 ID : **4410096584473**
Option 4 ID : **4410096584472**
Status : **Not Answered**
Chosen Option : **--**

Q.89 The 2026 Laureus World Sports Awards, celebrating achievements of the 2025 calendar year, were held in Madrid. Who was awarded the prestigious 'World Sportsman of the Year'?

Ans
✘ A. Tadej Pogacar
✘ B. Ousmane Dembélé
✘ C. Lando Norris
✔ D. Carlos Alcaraz

Question ID : **4410092013369**
Option 1 ID : **4410097928086**
Option 2 ID : **4410097928085**
Option 3 ID : **4410097928083**
Option 4 ID : **4410097928084**
Status : **Answered**
Chosen Option : **D**

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Q.90 Which feature of PMAY-G was highlighted in the Union Budget 2026–27 as an indicator of women-centric rural housing empowerment?

Ans

✗ A. Allotment of houses through women-exclusive housing boards

✗ B. Allotment of houses only through women-led self-help groups

✓ C. Allotment of houses in women's names or joint spousal ownership

✗ D. Allotment of houses only to women rural wage workers

Question ID : **4410092009006**
Option 1 ID : **4410097911301**
Option 2 ID : **4410097911299**
Option 3 ID : **4410097911298**
Option 4 ID : **4410097911300**
Status : **Not Answered**
Chosen Option : **--**

Q.91 Which organisation constituted a committee in March 2026 to study issues related to Invasive Alien Species in India?

Ans

✗ A. National Green Tribunal

✓ B. National Biodiversity Authority

✗ C. Zoological Survey of India

✗ D. Botanical Survey of India

Question ID : **4410092009199**
Option 1 ID : **4410097912066**
Option 2 ID : **4410097912067**
Option 3 ID : **4410097912069**
Option 4 ID : **4410097912068**
Status : **Not Answered**
Chosen Option : **--**

Q.92 Which of the following film stars was sworn in as the Chief Minister of Tamil Nadu in May 2026?

Ans

✗ A. Kamal Haasan

✗ B. Ajith Kumar

✓ C. C. Joseph Vijay

✗ D. Vijay Sethupathi

Question ID : **4410092050905**
Option 1 ID : **4410098074376**
Option 2 ID : **4410098074378**
Option 3 ID : **4410098074379**
Option 4 ID : **4410098074377**
Status : **Answered**
Chosen Option : **C**

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Q.93 India was ranked 102nd in the Global Hunger Index 2025. Which hunger severity classification was assigned to India based on its overall score?

Ans
✗ A. Alarming hunger category
✗ B. Low hunger category
✗ C. Moderate hunger category
✓ D. Serious hunger category

Question ID : **4410091998273**
Option 1 ID : **4410097869708**
Option 2 ID : **4410097869706**
Option 3 ID : **4410097869705**
Option 4 ID : **4410097869707**
Status : **Answered**
Chosen Option : **C**

Q.94 In the April 2026 monetary policy announcement of the Reserve Bank of India, the repo rate was fixed at:

Ans
✗ A. 6.00%
✓ B. 5.25%
✗ C. 4.50%
✗ D. 5.00%

Question ID : **4410092008950**
Option 1 ID : **4410097911077**
Option 2 ID : **4410097911076**
Option 3 ID : **4410097911074**
Option 4 ID : **4410097911075**
Status : **Answered**
Chosen Option : **B**

Q.95 The Animal-inclusive Disaster Risk Reduction (AiDRR) Guidelines released in April 2026 were primarily intended to strengthen which aspect of community resilience?

Ans
✗ A. Community early warning mechanisms
✗ B. Emergency shelter administration mechanisms
✓ C. Livelihood sustainability mechanisms
✗ D. Disaster response coordination mechanisms

Question ID : **4410092008875**
Option 1 ID : **4410097910777**
Option 2 ID : **4410097910776**
Option 3 ID : **4410097910774**
Option 4 ID : **4410097910775**
Status : **Not Answered**
Chosen Option : **--**

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Q.96 In May 2026, Dev Kumar Meena and Kuldeep Kumar jointly established a national record in which athletics event?

Ans

✗ A. Men's triple jump field

✓ B. Men's pole vault field

✗ C. Men's long jump field

✗ D. Men's high jump field

Question ID : **4410092008899**
Option 1 ID : **4410097910872**
Option 2 ID : **4410097910870**
Option 3 ID : **4410097910871**
Option 4 ID : **4410097910873**
Status : **Not Answered**
Chosen Option : **--**

Q.97 At the 98th Academy Awards held in March 2026, which cinematic work secured the premier Oscar for the Best Picture alongside the Best Director?

Ans

✗ A. Sentimental Value

✗ B. Hamnet

✓ C. One Battle After Another

✗ D. Sinners

Question ID : **4410092009329**
Option 1 ID : **4410097912589**
Option 2 ID : **4410097912587**
Option 3 ID : **4410097912588**
Option 4 ID : **4410097912586**
Status : **Answered**
Chosen Option : **C**

Q.98 The $2.6 billion uranium supply agreement signed between India and Canada in March 2026 was primarily aimed at strengthening which energy sector of India?

Ans

✗ A. Wind Energy Sector

✗ B. Hydroelectric Energy Sector

✗ C. Solar Energy Sector

✓ D. Nuclear Energy Sector

Question ID : **4410092009249**
Option 1 ID : **4410097912269**
Option 2 ID : **4410097912267**
Option 3 ID : **4410097912266**
Option 4 ID : **4410097912268**
Status : **Not Answered**
Chosen Option : **--**

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Q.99 In the landmark decision Deeksha Amrutesh v. State of Karnataka (2026), the Supreme Court issued a historic pan-India mandate concerning gender representation. What did the Court rule?

Ans
✗ A. 50% reservation for female advocates in public prosecutor panels

✗ B. 33% mandatory reservation for women in lower state judiciary

✗ C. 25% quota for women members in high court collegium offices

✓ D. 30% mandatory women representation in all Bar Associations

Question ID : **4410092009304**
Option 1 ID : **4410097912488**
Option 2 ID : **4410097912486**
Option 3 ID : **4410097912489**
Option 4 ID : **4410097912487**
Status : **Not Answered**
Chosen Option : **--**

Q.10 What was a notable feature of the Waqf (Amendment) Act, 2025?
0

Ans
✗ A. It abolished the Central Waqf Council.

✗ B. It restricted Waqf property management to religious leaders.

✗ C. It allowed non-Muslims to donate to Waqf properties.

✓ D. It mandated the representation of Muslim women on Waqf Boards.

Question ID : **441009461177**
Option 1 ID : **4410091803389**
Option 2 ID : **4410091803391**
Option 3 ID : **4410091803392**
Option 4 ID : **4410091803390**
Status : **Not Answered**
Chosen Option : **--**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	06/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **A student is analyzing digestive systems in different invertebrates. Which structural change allows efficient, one-way food processing and waste elimination?**

Ans

✗ A. Presence of body segmentation

✗ B. Acquisition of bilateral symmetry

✓ C. Development of two body openings

✗ D. Evolution of feeding tentacles

Q.2 **Which method effectively prevents corrosion by blocking contact with air and moisture?**

Ans

✗ A. Exposing metal to sunlight

✗ B. Heating metal at high temperature

✗ C. Mixing metal with water

✓ D. Applying paint or protective coating

Q.3 **Which of the following facts about cellular respiration is INCORRECT?**

Ans

✗ A. The first step of glucose breakdown takes place in the cytoplasm.

✗ B. Anaerobic respiration in yeast produces ethanol and carbon dioxide.

✓ C. Anaerobic respiration in yeast produces water as a major end product.

✗ D. Anaerobic respiration occurs in the absence of oxygen.

Q.4 **A student places a convex lens in sunlight and notices a small bright spot forms on a paper held below the lens. What property of the lens allows this to happen?**

Ans

✗ A. The lens diverges the rays in all directions

✓ B. The lens focuses parallel rays to a single point

✗ C. The lens only works for colored light

✗ D. The lens blocks all rays from passing through

Q.5 **Which of the following metals is usually extracted from its ore by electrolytic reduction?**

Ans

✓ A. Aluminium

✗ B. Zinc

✗ C. Copper

✗ D. Iron

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Q.6 Which quantity changes continuously for an object in uniform circular motion?

Ans

✗ A. The mass changes

✗ B. The speed changes

✓ C. The direction of velocity changes

✗ D. The kinetic energy changes

Q.7 How do autotrophs fulfill their carbon and energy requirements?

Ans

✗ A. By digestion

✗ B. By fermentation

✗ C. By respiration

✓ D. By photosynthesis

Q.8 A student holds a heavy school bag while waiting for the bus without moving. Which of the following statements are correct?
(1) Force is applied by the student.
(2) The bag is displaced.
(3) Work is done on the bag.
(4) No work is done in the scientific sense.

Ans

✗ A. (2) and (3) only

✗ B. (1) and (3) only

✗ C. (1), (2), (3)

✓ D. (1) and (4) only

Q.9 Which of the following element symbols does NOT match its element?

Ans

✓ A. Sb for Seaborgium

✗ B. As for Arsenic

✗ C. O for Oxygen

✗ D. C for Carbon

Q.10 If a 9V battery is connected across three resistors of 3 ohms, 2 ohms, and 1 ohm in series, what is the current flowing through the circuit?

Ans

✗ A. 3 A

✓ B. 1.5 A

✗ C. 9 A

✗ D. 6 A

Q.11 What is the angle between the two lateral faces of a triangular glass prism called?

Ans

✗ A. The angle of deviation.

✓ B. The angle of the prism.

✗ C. The angle of refraction.

✗ D. The angle of incidence.

Q.12 If the molecular mass of nitrogen gas (N2) is 28, what is the atomic mass of a single nitrogen atom?

Ans

✓ A. 14

✗ B. 7

✗ C. 21

✗ D. 28

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Q.13 The combustion of carbon or its compounds gives off:

Ans

✗ A. Light only

✓ B. Heat and light

✗ C. Electricity

✗ D. Heat only

Q.14 Complete the analogy.

Sperm Production : Testes :: Egg Production : _____.

Ans

✓ A. Ovaries

✗ B. Fallopian tubes

✗ C. Uterus

✗ D. Vagina

Q.15 Which of the following best describes the appearance of a distance-time graph for an object moving at a uniform speed?

Ans

✗ A. A horizontal line parallel to the time axis

✓ B. A straight line with a constant positive slope

✗ C. A vertical line parallel to the distance axis

✗ D. A curved line with a changing slope

Q.16 A student beats a large drum and blows a high-pitched plastic whistle at the same time. Which property of the sound waves is the main reason why the whistle sounds so different from the drum?

Ans

✗ A. The type of air in the room changes when each instrument is played

✗ B. The loudness of the sound waves is always the same for both

✗ C. The speed of the sound waves through the air is different for each

✓ D. The frequency of the sound waves is different for each instrument

Q.17 The number of bonds formed in ethene is:

Ans

✗ A. 4

✗ B. 5

✗ C. 3

✓ D. 6

Q.18 Every lever consists of three essential parts that help it function. Which of the following is NOT one of these parts?

Ans

✗ A. Effort

✗ B. Load

✓ C. Axle

✗ D. Fulcrum

Q.19 Complete the Analogy.

Plant : Rigid Cell Wall :: Animal : _____

Ans

✗ A. Lignified support

✗ B. Photosynthetic tissues

✗ C. Fixed position

✓ D. Cellular flexibility

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Q.20 **Which of the following solutions has the lowest hydrogen ion concentration?**

Ans

✗ A. Vinegar (pH = 3)

✗ B. Milk (pH = 6.6)

✓ C. Seawater (pH = 8.2)

✗ D. Blood (pH = 7.4)

Q.21 **Which organ produces hormones that regulate the menstrual cycle?**

Ans

✓ A. Ovaries

✗ B. Pancreas

✗ C. Thyroid

✗ D. Testes

Q.22 **A copper wire and an iron wire have the same length and thickness. Which wire will have lower resistance and why, when both are kept at the same temperature?**

Ans

✓ A. The copper wire, because copper is a better conductor

✗ B. The iron wire, because iron is a better conductor

✗ C. Both wires, because thickness is the only factor

✗ D. Both wires, because material does not affect resistance

Q.23 **A botanist names a new flowering plant growing in a remote region using binomial system. Which of the following is the correct format?**

Ans

✗ A. Species capitalized, genus in lowercase

✓ B. Genus capitalized, species in lowercase

✗ C. Both words in lowercase

✗ D. Both words in uppercase

Q.24 **A chemistry teacher prepares a mixture by dissolving copper sulfate in water until the solution is clear blue. Why is this considered a homogeneous mixture?**

Ans

✓ A. The mixture appears as a single phase with no visible separation

✗ B. Copper sulfate can be separated by filtration easily

✗ C. Copper sulfate crystals float on the surface of water

✗ D. The mixture forms two distinct layers after stirring

Q.25 **What movement in plants causes a tendril to circle and cling to an object?**

Ans

✓ A. Tropic movement

✗ B. Turgor movement

✗ C. Nastic movement

✗ D. Locomotary movement

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Section : **Mathematics**

Q.26 **Find the median of the data set: 10, 13, 14, 17, 18.**

Ans

✓ A. 14

✗ B. 17

✗ C. 13

✗ D. 10

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Q.27 The income of Raman is ₹43,800. He saves 20% of his income. If his income increases by 36% and expenditure increases by 40%, then his savings will:

Ans

✔ A. increase by ₹1,752

✘ B. decrease by ₹1,748

✘ C. increase by ₹1,757

✘ D. decrease by ₹1,753

Q.28 The ratio of the ages of Riya to Suman is 2:3. After 6 years from now, the ratio becomes 4:5. What is Riya's present age?

Ans

✘ A. 8 years

✘ B. 4 years

✘ C. 10 years

✔ D. 6 years

Q.29 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 12% and 79%, shop II allows successive discounts of 33% and 19%, shop III allows successive discounts of 38% and 39% and shop IV allows successive discounts of 55%, 79%, and 34% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✘ A. III

✘ B. II

✔ C. IV

✘ D. I

Q.30 Expand $(a - p + m)^2$

Ans

✘ A. $a^2 - p^2 - m^2 - 2ap - 2pm + 2am$

✘ B. $a^2 + p^2 - m^2 - 2ap - 2pm + 2am$

✘ C. $a^2 - p^2 + m^2 - 2ap - 2pm + 2am$

✔ D. $a^2 + p^2 + m^2 - 2ap - 2pm + 2am$

Q.31 If 5 notebooks cost ₹125, what will be the cost of 8 such notebooks?

Ans

✔ A. ₹200

✘ B. ₹150

✘ C. ₹180

✘ D. ₹120

Q.32 A cylindrical tank has radius 7 m and height 21 m. The inside surface (curved plus base) is fully painted. On the outside, the curved surface is painted except for a horizontal strip of width 1 m along the top rim; the outside base is also painted. Use $\pi = \frac{22}{7}$. The inside is painted at ₹5 per m² and the outside at ₹7 per m². What is the total painting cost?

Ans

✔ A. ₹12,628

✘ B. ₹12,760

✘ C. ₹12,716

✘ D. ₹12,672

Q.33 The compound interest on a sum of ₹10000 for 2 years is ₹2544, when the interest is compounded annually. If the rate of interest per annum is halved and the time duration is doubled, then the compound interest (in ₹, correct to nearest paise) will be:

Ans

✘ A. 2724.67

✘ B. 2642.77

✘ C. 2742.67

✔ D. 2624.77

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Q.34 What is the value of $\left(\frac{\cos\gamma \cot\gamma}{1-\sin\gamma}\right)$ at $\gamma = 30°$?

Ans
- ✗ A. 0
- ✗ B. 1
- ✓ C. 3
- ✗ D. $\frac{3}{2}$

Q.35 The 7-digit number 84A614B is divisible by 3. What is the minimum value of (A + B)?

Ans
- ✗ A. 5
- ✓ B. 1
- ✗ C. 2
- ✗ D. 4

Q.36 What is the least value that must be assigned to A so that the 8-digit number 456A3264 is divisible by 12?

Ans
- ✗ A. 4
- ✓ B. 0
- ✗ C. 3
- ✗ D. 6

Q.37 The difference between compound interest (compounded annually) and simple interest for 3 years at the rate of 18% per annum is ₹25,758. What is the principal lent?

Ans
- ✗ A. ₹3,50,000
- ✗ B. ₹3,00,000
- ✓ C. ₹2,50,000
- ✗ D. ₹4,00,000

Q.38 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 15 hours and pipe C can fill the same tank in 10 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
- ✗ A. 4
- ✓ B. 1
- ✗ C. 2
- ✗ D. 3

Q.39 The mean and the mode of a set of data are 15.7 and 17, respectively. Find the median of the data, using the empirical formula. (Round off to one decimal place)

Ans
- ✗ A. 16.4
- ✗ B. 15.9
- ✓ C. 16.1
- ✗ D. 15

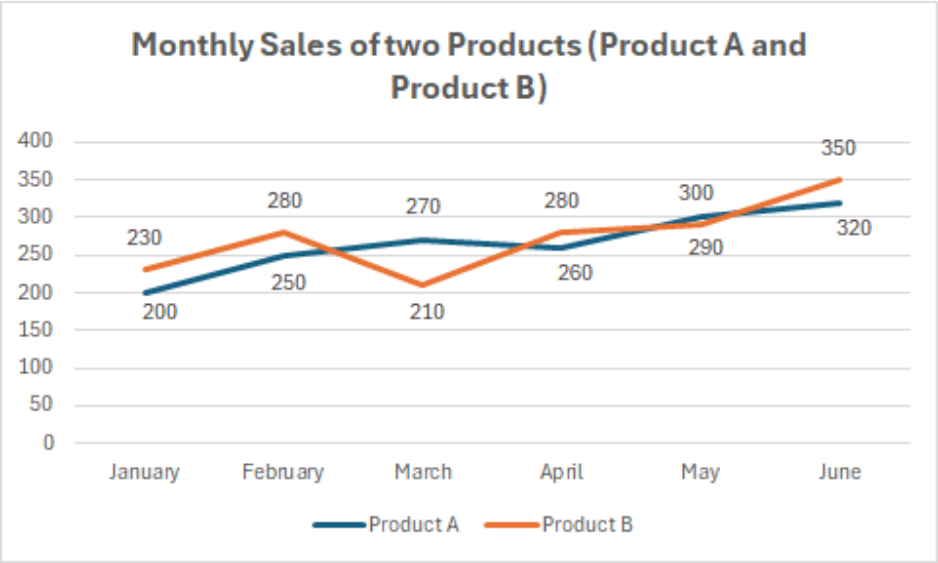
Q.40 60% of the canvas used to make a closed cylinder with a radius of 5 cm and a height of 15 cm is reused to make a conical hat with a radius of 8 cm. What is the slant height (in cm) of the conical hat?

Ans
- ✓ A. 15
- ✗ B. 17
- ✗ C. 25
- ✗ D. 13

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Q.41 The line graph shows the monthly sales of two products (Product A and Product B) in units during the first six months of 2024.



In which month did Product B's sales exceed Product A's sales by the largest percentage?

Ans
- ✔ A. January
- ✘ B. June
- ✘ C. May
- ✘ D. April

Q.42 **If the mean of three values 3x, 2x+6 and 2x+1 is 7, then find x.**

Ans
- ✘ A. 8
- ✘ B. 4
- ✘ C. 6
- ✔ D. 2

Q.43 **Kaushal travelled for 2 hours 45 minutes at the speed of 32 km/h. At what speed (in km/h) should he travel to cover the same distance in 4 hours?**

Ans
- ✘ A. 19
- ✘ B. 24
- ✔ C. 22
- ✘ D. 21

Q.44 **A bus covers $\frac{1}{10}$ of a distance from one place to another at a speed of 25 km/hr, $\frac{1}{5}$ of the distance at the speed of 8 km/hr. At what speed would it be supposed to cover the remaining distance to have an average speed of 15.625 km/hr?**

Ans
- ✘ A. 8 km/hr
- ✔ B. 20 km/hr
- ✘ C. 25 km/hr
- ✘ D. 10 km/hr

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Q.45 Simplify: $3^3 \times 3^2$.

Ans

✗ A. 3^8

✗ B. 3^1

✗ C. 3^6

✓ D. 3^5

Q.46 Simplify: $\frac{3\sin^2A + 5\cos A - 5}{\sin^2 A}$

Ans

✗ A. $\frac{1+\cos A}{3\cos A - 2}$

✓ B. $\frac{3\cos A - 2}{1+\cos A}$

✗ C. $\frac{1-\cos A}{3\cos A + 2}$

✗ D. $\frac{3\cos A + 2}{1-\cos A}$

Q.47 What would be the annual interest (in ₹) accrued on a deposit of ₹20,000 in a bank that pays a 5% per annum rate of simple interest?

Ans

✗ A. 1800

✗ B. 1200

✗ C. 1500

✓ D. 1000

Q.48 An officer spends 10% of his salary on house rent. From the remaining amount, he spends 50% on conveyance. He is left with ₹20,556. What was his total salary?

Ans

✗ A. ₹47,680

✗ B. ₹46,680

✓ C. ₹45,680

✗ D. ₹48,680

Q.49 A residential plot is purchased for ₹6,28,200 and sold for ₹7,09,866. What is the profit percentage?

Ans

✗ A. 11%

✓ B. 13%

✗ C. 17%

✗ D. 19%

Q.50 The area of a trapezium is 2,220 cm^2. Its parallel sides are 29 cm and 31 cm. If the distance between parallel sides is x cm, find the value of x.

Ans

✗ A. 37

✗ B. 62

✗ C. 56

✓ D. 74

Section : **General Intelligence and Reasoning**

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Q.51 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

25 − 12 ÷ 3 + 10 × 2 = ?

Ans

✗ A. 39

✗ B. 37

✓ C. 56

✗ D. 36

Q.52 Kartik starts from Point A and drives 19 km towards the south. He then takes a left turn, drives 13 km, turns left and drives 24 km. He then takes a left turn and drives 22 km. He takes a final left turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans

✗ A. 8 km to the east

✓ B. 9 km to the east

✗ C. 8 km to the west

✗ D. 9 km to the west

Q.53 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

XBF−CGK
YCG−DHL

Ans

✗ A. JNS−PSW

✗ B. XAD−CGK

✓ C. JNR−OSW

✗ D. XAD−BFJ

Q.54 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 9 2 7 8 9 1 2 3 9 3 5 6 6 4 1 7 8 6 7 5 1 9 8 4 5 7 4 (Right)

How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

Ans

✗ A. None

✗ B. Four

✗ C. Two

✓ D. Three

Q.55 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N, each having a different height, which stick is the shortest?
(I) N is taller than Y.
(II) D is taller than N. V is only shorter than one stick.

Ans

✓ A. Both statements I and II together are NOT sufficient to answer the question

✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not

✗ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

✗ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

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Q.56 This question is based on the following words.

(Left) SAD DIM CRY GYM (Right)
How many letters are there in the English alphabetical order between the third letter of the second word from the left and the second letter of the second word from the right?

Ans

✗ A. 3

✗ B. 5

✓ C. 4

✗ D. 7

Q.57 H, I, J, L, M and N live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
M lives on floor number 6. Only three people live between M and H. L lives on a floor below H. N lives on an even-numbered floor. I lives on an odd-numbered floor but not on floor number 5.
How many people live between J and H?

Ans

✗ A. One

✗ B. Three

✓ C. Two

✗ D. Four

Q.58 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans

✗ A. PG – TK

✓ B. VL – YO

✗ C. MD – QH

✗ D. SJ – WN

Q.59 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Ah, Bt, Ci, Du and Ez are sitting around a circular table, facing the centre. Who sits second to the left of Ah?
(I) Du sits second to the left of Ez. Ci sits to the immediate left of Ez.
(II) Bt sits to the immediate left of Du. Ez sits second to the right of Du.

Ans

✓ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

✗ B. Data in statement I alone is sufficient to answer the question while data in statement II is not

✗ C. Data in statement II alone is sufficient to answer the question while data in statement I is not

✗ D. Data in statements I and II together are NOT sufficient to answer the question

---

Q.60 Each letter in the word ATTRACT is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is second from the right in the new letter-cluster thus formed?

Ans

✓ A. 16

✗ B. 17

✗ C. 15

✗ D. 19

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Q.61 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) T J C U J D C Y P S U V Y R T W K V U H Z (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans
- ✗ A. One
- ✓ B. Three
- ✗ C. None
- ✗ D. Two

Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HIE DEA ZAW VWS ?

Ans
- ✗ A. RTN
- ✗ B. RRN
- ✓ C. RSO
- ✗ D. RSU

Q.63 Seven people, N, F, X, G, Q, T and M, are sitting in a row, facing the north.
Only two people sit between F and N. Only T sits to the right of X. Only one person sits between N and X. G sits at some place to the right of Q but at some place to the left of M.
How many people sit to the left of G?

Ans
- ✗ A. Three
- ✗ B. Four
- ✗ C. One
- ✓ D. Two

Q.64 What should come in place of the question mark (?) in the given series?

136 149 164 181 200 ?

Ans
- ✗ A. 295
- ✗ B. 285
- ✓ C. 221
- ✗ D. 247

Q.65 UX 4 is related to QT 12 in a certain way. In the same way, GJ 6 is related to CF 18. To which of the following is LO 8 related to following the same logic?

Ans
- ✗ A. IK 23
- ✗ B. HJ 24
- ✗ C. IL 21
- ✓ D. HK 24

Q.66 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. VY−XA
- ✗ B. HK−JM
- ✗ C. WZ−YB
- ✓ D. JM−KQ

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Q.67 Six boxes, D, E, F, G, X and Y, are kept one over the other, but not necessarily in the same order.
Only three boxes are kept below D. Only two boxes are kept between D and F. Only E is kept above Y. X is kept at some place above G.
How many boxes are kept between F and X?

Ans
- ✗ A. Three
- ✗ B. Four
- ✓ C. One
- ✗ D. Two

Q.68 Each vowel in the word COMBINE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans
- ✗ A. B
- ✓ B. A
- ✗ C. F
- ✗ D. M

Q.69 Each of A, B, C, D, E, F, and G has an exam on a different day of the week, starting from Monday and ending on Sunday of the same week. A has an exam on Tuesday. F has an exam immediately after A. Only one person has an exam between F and B. C has an exam immediately after B. D has an exam immediately after C. No one has exam before G.
On which day does E have an exam?

Ans
- ✗ A. Wednesday
- ✗ B. Friday
- ✓ C. Thursday
- ✗ D. Monday

Q.70 What will come in place of the '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

231 ÷ 61 × 427 − 321 + 217 = ?

Ans
- ✓ A. 137
- ✗ B. 317
- ✗ C. 173
- ✗ D. 117

Q.71 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 3 4 9 2 1 7 2 8 3 4 9 8 3 9 7 9 8 5 2 6 7 2 1 1 2 2 1 (Right)

How many such odd numbers are there, each of which is immediately preceded by an even number and also immediately followed by an even number?

Ans
- ✗ A. 7
- ✗ B. 6
- ✗ C. 4
- ✓ D. 5

Q.72 In a certain code language, 'VEIN' is coded as '7462' and 'EASY' is coded as '9537'. How is 'E' coded in that language?

Ans
- ✓ A. 7
- ✗ B. 4
- ✗ C. 5
- ✗ D. 9

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Q.73 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
14 – 28 – 56 – 112 ; 16 – 32 – 64 – 128

Ans
✗ A. 17 – 34 – 68 – 130
✗ B. 15 – 30 – 60 – 100
✗ C. 20 – 40 – 90 – 180
✓ D. 18 – 36 – 72 – 144

Q.74 E is wife of F. F is father of G. G is mother of H. How is E related to H?

Ans
✗ A. Sister
✗ B. Wife's Mother
✗ C. Mother
✓ D. Mother's Mother

Q.75 In a certain code language,
A # B means 'A is the mother of B',
A + B means 'A is the daughter of B',
A ÷ B means 'A is the wife of B' and
A @ B means 'A is the father of B'.

How is A related to T if 'A # B + H @ K ÷ T'?

Ans
✗ A. Wife's sister
✗ B. Mother's mother
✓ C. Wife's mother
✗ D. Wife's sister's daughter

Q.76 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only two people sit to the right of C. Only two people sit between E and C. C sits to the immediate left of D. P sits to the immediate right of D. Only one person sits between E and Q.
How many people sit between O and P?

Ans
✗ A. None
✗ B. Two
✗ C. One
✓ D. Three

Q.77 This question is based on the following letter-clusters.

BOC TWE JVN HEQ

In each of the letter-clusters, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✗ B. Four
✗ C. Three
✓ D. Two

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Q.78 CJGE is related to IPMK in a certain way based on the English alphabetical order. In the same way, GNKI is related to MTQO. To which of the following is KROM related, following the same logic?

Ans
- ✔ A. QXUS
- ✘ B. QXUR
- ✘ C. QYUR
- ✘ D. QXSU

Q.79 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1735862, what will be the sum of the highest and lowest digits in the number thus formed?

Ans
- ✘ A. 7
- ✘ B. 9
- ✘ C. 6
- ✔ D. 8

Q.80 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, a certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as in question?

(NOTE – A two/three digit number cannot be broken into individual digits for operations, e.g., if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits.)

15 – 18 – 26 – 22 ; 20 – 23 – 31 – 27

Ans
- ✔ A. 8 – 11 – 19 –15
- ✘ B. 12 – 9 – 17 – 13
- ✘ C. 14 – 11 – 19 – 15
- ✘ D. 6 – 9 – 17 – 21

Section : General Awareness and Current Affairs

Q.81 As per the announcement made by Union Home Minister Amit Shah, by what date has the Government of India set the target to eliminate Left-Wing Extremism (LWE) from the country?

Ans
- ✘ A. 31 March 2028
- ✔ B. 31 March 2026
- ✘ C. 31 March 2029
- ✘ D. 31 March 2027

Q.82 In November 2025, which country hosted the G20 Summit, where the main outcome was a joint communiqué on reforming multilateral development banks?

Ans
- ✘ A. Australia
- ✘ B. India
- ✔ C. South Africa
- ✘ D. Brazil

Q.83 In May 2026, India's recurve women's team won gold at Archery World Cup Stage-2 by defeating which country in the final?

Ans
- ✘ A. Korea
- ✘ B. Mexico
- ✘ C. Japan
- ✔ D. China

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Q.84 **In which of the following fields was the couple, Shri Ramchandra Godbole and Smt. Suneeta Godbole, from Chhattisgarh jointly honored with the Padma Shri award in 2026?**

Ans

✗ A. Excellence in national-level sports coaching

✗ B. Development of advanced agricultural technology

✗ C. Innovative educational methods for rural schools

✓ D. Medicine and healthcare services in tribal areas

Q.85 **According to defence sector data released during Financial Year 2025–26, which of the following statements correctly describes India's defence export performance?**

Ans

✗ A. India completely discontinued private-sector participation in defence manufacturing and restricted exports to domestic requirements only

✓ B. India's defence exports reached a record ₹38,424 crore during FY 2025–26, registering substantial growth over the previous financial year

✗ C. India replaced defence manufacturing exports with exclusive imports of strategic military platforms from foreign suppliers

✗ D. India's defence exports declined significantly during FY 2025–26 due to reduced international demand for indigenous defence equipment

---

Q.86 **What is the name of India's first 300-km universal rocket system inaugurated by Defence Minister Rajnath Singh in May 2026 at Shirdi?**

Ans

✗ A. Bhimastra

✓ B. Suryastra

✗ C. Shivastra

✗ D. Brahmastra

Q.87 **According to the Phase II expansion of the SOAR Programme announced in March 2026, what was the principal focus of the programme?**

Ans

✗ A. Replacement of credit-based learning with sector-specific certification pathways

✗ B. Expansion from apprenticeship training to advanced manufacturing certification pathways

✓ C. Transition from foundational AI awareness to industry-oriented skill certification pathways

✗ D. Shift from digital learning modules to institution-based vocational training pathways

---

Q.88 **During the 16th India–Singapore Defence Policy Dialogue held in 2026, cooperation between the two countries was proposed to be expanded into which of the following emerging security domains?**

Ans

✗ A. Climate finance, mineral exploration, electoral reforms, cultural exchanges, and disaster insurance

✗ B. Nuclear disarmament, Antarctic governance, agricultural trade, public health, and space tourism

✗ C. Inland water transport, fisheries management, urban housing, labour migration, and textile production

✓ D. Cyber security, artificial intelligence, maritime security, unmanned systems, and advanced defence technologies

---

Q.89 **Which institutional body of the Reserve Bank of India decided to reduce the repo rate to 5.25 per cent in December 2025?**

Ans

✗ A. Governor's Office

✗ B. Financial Stability Unit

✓ C. Monetary Policy Committee

✗ D. Board of Directors

Q.90 **The SHe-Box platform highlighted in government communications during 2026 is primarily associated with the implementation of which legislation?**

Ans

✗ A. Dowry Prohibition Act, 1961

✗ B. Prohibition of Child Marriage Act, 2006

✗ C. Protection of Women from Domestic Violence Act, 2005

✓ D. Sexual Harassment of Women at Workplace Act, 2013

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Q.91 According to the new Solid Waste Management Rules, 2026, notified by the Government of India, which principle has been specifically incorporated to ensure that polluters bear the financial burden of improper waste disposal?

Ans

✗ A. Absolute Liability Principle

✗ B. Sustainable Development Principle

✓ C. Polluter Pays Principle

✗ D. Precautionary Principle

Q.92 Which tennis star was named the Laureus World Sportsman of the Year at the prestigious 26th Laureus World Sports Awards held in Madrid in April 2026?

Ans

✗ A. Novak Djokovic

✓ B. Carlos Alcaraz

✗ C. Rafael Nadal

✗ D. Jannik Sinner

Q.93 Which of the following initiatives by the Ministry of New and Renewable Energy was highlighted as a key milestone in India's transition to clean energy during the International Sun Day event in May 2026?

Ans

✗ A. National Hydrogen Mission

✓ B. PM Surya Ghar: Muft Bijli Yojana

✗ C. Green India Mission

✗ D. Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan

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Q.94 What was the official theme for World Health Day observed on 7th April 2026?

Ans

✗ A. Science for healthy world future

✗ B. Health for all, science for care

✗ C. Global health with scientific unity

✓ D. Together for health. Stand with science

Q.95 In the context of India's regulatory frameworks, a new initiative to streamline the insurance claim settlement process was launched in December 2025. Which organization is primarily responsible for implementing such reforms?

Ans

✗ A. RBI

✗ B. SEBI

✗ C. TRAI

✓ D. IRDAI

Q.96 The Indian astronaut Shubhanshu Shukla spent 18 days aboard the International Space Station in June 2025 as part of which mission?

Ans

✗ A. Gaganyaan-1

✗ B. SpaDeX-2

✓ C. Axiom-04

✗ D. NISAR Mission

Q.97 Which prominent tennis player won the 2026 Australian Open women's singles title by overcoming Aryna Sabalenka in a three-set final?

Ans

✓ A. Elena Rybakina

✗ B. Madison Keys

✗ C. Jessica Pegula

✗ D. Iga Swiątek

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Q.98 In January 2026, Group Captain Shubhanshu Shukla was honoured with which of the following gallantry awards?

Ans

✗ A. Param Vir Chakra

✗ B. Shaurya Chakra

✗ C. Kirti Chakra

✓ D. Ashok Chakra

Q.99 In October 2025, India announced the development of its first indigenously discovered antibiotic effective against drug-resistant respiratory infections. What is the name of this antibiotic?

Ans

✓ A. Nafithromycin

✗ B. Azithromycin

✗ C. Clarithromycin

✗ D. Rifampicin

Q.100 Which team won the AIFF Elite Youth League 2025-26 title?

Ans

✗ A. Reliance foundation

✗ B. Jamshedpur FC

✓ C. Punjab FC

✗ D. Zinc Football Academy

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Registration Number	H92500608044
Roll Number	179254222037291
Candidate Name	BIKRAM KARMAKAR
Community	OBC NCL
Test Center Name	TCS Gito Bitan
Test Date	09/08/2026
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Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 একটি হীরকের পরম প্রতিসরাঙ্ক 2.42 হয়। শূন্যমাধ্যমে আলোর গতি 3×10^8 m/s হলে, হীরকের মধ্যে আলোর গতির আনুমানিক মান কত?

Ans

✗ A. 1×10^8 m/s

✗ B. 1.5×10^8 m/s

✓ C. 1.24×10^8 m/s

✗ D. 2×10^8 m/s

Question ID : **4410092046391**
Option 1 ID : **4410098057634**
Option 2 ID : **4410098057633**
Option 3 ID : **4410098057636**
Option 4 ID : **4410098057635**
Status : **Answered**
Chosen Option : **C**

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Q.2 বোরের পরমাণুর মডেল (Bohr's model) অনুসারে, কোনো পরমাণুর ইলেকট্রনের পৃথক কক্ষপথ সম্পর্কে নিচের বিবৃতিগুলির মধ্যে কোনটি সঠিক নয়?

Ans
✗ A. বিশেষ কক্ষপথসমূহকে (discrete orbits) শক্তিস্তরও বলা হয়

✓ B. বিশেষ কক্ষপথে ঘুরতে ঘুরতে ইলেক্ট্রনগুলি সূচকীয় হারে শক্তি বিকিরণ করে

✗ C. বিশেষ কক্ষপথে ঘুরতে ঘুরতে ইলেকট্রনগুলি শক্তি বিকিরণ করে না

✗ D. ইলেকট্রন পরিভ্রমণের জন্য বিশেষ কক্ষপথ হল কিছু নির্দিষ্ট কক্ষপথসমূহ (special orbits) যা পরমাণুর অভ্যন্তরে অবস্থিত

Question ID : **4410091141548**
Option 1 ID : **4410094501143**
Option 2 ID : **4410094501142**
Option 3 ID : **4410094501141**
Option 4 ID : **4410094501140**
Status : **Answered**
Chosen Option : **C**

Q.3 হাইড্রোক্লোরিক অ্যাসিড এবং সোডিয়াম হাইড্রোক্সাইড দ্রবণের কোন সাধারণ বৈশিষ্ট্যের কারণে তারা জলের pH পরিবর্তন করতে পারে এবং একই সঙ্গে তড়িৎ পরিবহন করতে সক্ষম?

Ans
✗ A. উভয়ই নীল লিটমাসকে লাল করে।

✗ B. উভয়েরই pH মান 7এর কম।

✗ C. উভয়েরই স্বাদ টক।

✓ D. উভয়ই জলীয় দ্রবণে আয়ন তৈরি করে।

Question ID : **4410091693320**
Option 1 ID : **4410096679413**
Option 2 ID : **4410096679416**
Option 3 ID : **4410096679414**
Option 4 ID : **4410096679415**
Status : **Answered**
Chosen Option : **D**

Q.4 একটি উত্তল লেন্স তার আলোককেন্দ্র থেকে 30 cm দূরত্বে একটি সদবিম্ব গঠন করে। বস্তুটি লেন্স থেকে 20 cm দূরে রাখা হয়েছে। চিহ্নের রীতি অনুযায়ী, লেন্সটির ফোকাস দৈর্ঘ্যের সঠিক চিহ্ন এবং মান কত?

Ans
✗ A. +60 cm

✗ B. -60 cm

✓ C. +12 cm

✗ D. -12 cm

Question ID : **4410092046397**
Option 1 ID : **4410098057658**
Option 2 ID : **4410098057660**
Option 3 ID : **4410098057657**
Option 4 ID : **4410098057659**
Status : **Answered**
Chosen Option : **C**

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Q.5 খর জলে সাবান কম কার্যকর হওয়ার কারণ কী?

Ans
✗ A. সাবান তার ধ্রুবীয়তা হারায়

✗ B. সাবান দ্রুত বাষ্পীভূত হয়ে যায়

✓ C. সাবান অদ্রবণীয় গাদ বা স্কাম তৈরি করে

✗ D. সাবান অম্লীয় হয়ে যায়

Question ID : **4410091647160**
Option 1 ID : **4410096504904**
Option 2 ID : **4410096504901**
Option 3 ID : **4410096504902**
Option 4 ID : **4410096504903**
Status : **Answered**
Chosen Option : **C**

Q.6 আমাদের দ্বারা গৃহীত কোন পদক্ষেপ জৈব বিবর্ধনকে সরাসরি হ্রাস করতে পারে?

Ans
✗ A. ফসলের অবশিষ্টাংশ পোড়ানো

✓ B. ফসলের উপর রাসায়নিক কীটনাশকের ব্যবহার কমানো

✗ C. খাদ্যশস্যের পরিবর্তে মাংস খাওয়া

✗ D. ব্যবহারের আগে খাদ্যশস্যকে ভালোভাবে ধুয়ে নেওয়া

Question ID : **4410091979054**
Option 1 ID : **4410097795116**
Option 2 ID : **4410097795117**
Option 3 ID : **4410097795118**
Option 4 ID : **4410097795115**
Status : **Answered**
Chosen Option : **B**

Q.7 ঘাস → ঘাসফড়িং → ব্যাঙ → সাপ → ঈগল এই খাদ্যশৃঙ্খলটিতে, _____ এর শরীরে সবচেয়ে বেশি DDT সঞ্চিত হবে।

Ans
✗ A. ঘাসফড়িং

✓ B. ঈগল

✗ C. ব্যাঙ

✗ D. ঘাস

Question ID : **4410091649726**
Option 1 ID : **4410096515027**
Option 2 ID : **4410096515029**
Option 3 ID : **4410096515028**
Option 4 ID : **4410096515026**
Status : **Answered**
Chosen Option : **A**

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Q.8 বিজ্ঞানের এক শিক্ষার্থীকে, ভারতের ভূ-প্রকৃতিতে ব্যাপক জীববৈচিত্র্যের বিদ্যমানতার কারণ ব্যাখ্যা করতে বলা হয়। আবাসস্থলের বৈচিত্র্য এবং এন্ডেমিজম (endemism)-কে সবচেয়ে ভালোভাবে একত্রিত করে নিচের কোন বিকল্পটি একে ব্যাখ্যা করে?

Ans
✗ A. একই প্রকারের জলবায়ু, প্রজাতির সমরূপতাকে উন্নীত করে।

✗ B. একচেটিয়া কৃষিকার্যের ফলে প্রজাতির বৈচিত্র্য বৃদ্ধি পায়।

✓ C. বৈচিত্র্যময় আবাসস্থল বিবিধ স্থানীয় প্রজাতির জন্য অনুকূল পরিস্থিতি তৈরি করে।

✗ D. কেবলমাত্র মরুভূমির ওপর আলোকপাত করলে বৈচিত্র্য বৃদ্ধি পায়।

Question ID : **4410091978114**
Option 1 ID : **4410097791357**
Option 2 ID : **4410097791356**
Option 3 ID : **4410097791358**
Option 4 ID : **4410097791355**
Status : **Answered**
Chosen Option : **C**

Q.9 A medical laboratory detects bacteria in a patient's sample. According to the historical development of classification systems, in which kingdom would bacteria have been placed immediately after the three kingdom system was introduced?

Ans
✗ A. Animalia

✗ B. Monera

✓ C. Protista

✗ D. Plantae

Question ID : **4410091978247**
Option 1 ID : **4410097791889**
Option 2 ID : **4410097791887**
Option 3 ID : **4410097791890**
Option 4 ID : **4410097791888**
Status : **Answered**
Chosen Option : **B**

Q.10 স্নায়ুকলা সম্পর্কিত কোন বিবৃতিটি ঠিক নয়?

Ans
✗ A. অ্যাক্সন হল স্নায়ুকলার একটি একক এবং দীর্ঘ অংশ।

✗ B. স্নায়ুস্পন্দন হল স্নায়ুতন্তু দ্বারা পরিবাহিত বার্তা।

✓ C. স্নায়ুকলার কোষগুলিকে নেফ্রন বলা হয়।

✗ D. স্নায়ুকলায় সুষুম্নাকান্ড থাকে।

Question ID : **44100927664**
Option 1 ID : **441009110204**
Option 2 ID : **441009110206**
Option 3 ID : **441009110203**
Option 4 ID : **441009110205**
Status : **Answered**
Chosen Option : **C**

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Q.11 একজন শিক্ষার্থী এমন একটি যন্ত্র তৈরি করতে চায় যা একটি নির্দিষ্ট ব্যাটারি এবং সময়ের জন্য সর্বোচ্চ তাপ উৎপন্ন করবে। কোন সংযোগ ব্যবস্থাটি শিক্ষার্থীর বেছে নেওয়া উচিত?

Ans
✗ A. শূন্য রোধের ব্যাটারিটিকে শর্ট-সার্কিট করা
✓ B. খুব কম রোধ মানের একটি রোধক ব্যবহার করা
✗ C. সর্বোচ্চ সম্ভাব্য রোধ মানের একটি রোধক ব্যবহার করা
✗ D. রোধ পরিবর্তন না করে আরও ব্যাটারি যুক্ত করা

Question ID : **4410092045860**
Option 1 ID : **4410098055516**
Option 2 ID : **4410098055515**
Option 3 ID : **4410098055513**
Option 4 ID : **4410098055514**
Status : **Answered**
Chosen Option : **C**

Q.12 What does the displacement vector represent in two-dimensional motion?

Ans
✗ A. The path followed by the object
✓ B. The change in position from the initial point to the final point
✗ C. The distance traveled along the path
✗ D. The average speed of the object

Question ID : **4410092046096**
Option 1 ID : **4410098056460**
Option 2 ID : **4410098056457**
Option 3 ID : **4410098056459**
Option 4 ID : **4410098056458**
Status : **Answered**
Chosen Option : **B**

Q.13 যদি 4 Ω এবং 6 Ω এর দুটি রোধককে সমান্তরাল সমবায়ে যুক্ত করা হয়, তাহলে সমতুল্য রোধ কত হবে?

Ans
✗ A. 4 Ω এবং 6 Ω এর মধ্যে
✗ B. 6 Ω এর চেয়ে বেশি
✓ C. 4 Ω এর কম
✗ D. 10 Ω এর সমান

Question ID : **4410091645894**
Option 1 ID : **4410096500088**
Option 2 ID : **4410096500086**
Option 3 ID : **4410096500089**
Option 4 ID : **4410096500087**
Status : **Answered**
Chosen Option : **C**

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Q.14 একটি রোলার কোস্টার গাড়ি তার ট্র্যাকের সর্বোচ্চ বিন্দুতে রয়েছে এবং নিচে নামার জন্য প্রস্তুত। যদি উচ্চতা এবং অভিকর্ষ ত্বরণ অপরিবর্তিত রেখে গাড়ি ও তার যাত্রীদের ভর দ্বিগুণ করা হয়, তবে সর্বোচ্চ বিন্দুতে তার অভিকর্ষজ স্থিতিশক্তির পূর্বের তুলনায় কী পরিবর্তন হবে?

Ans
✗ A. অভিকর্ষজ স্থিতিশক্তি অর্ধেক হবে
✗ B. অভিকর্ষজ স্থিতিশক্তি অপরিবর্তিত থাকবে
✓ C. অভিকর্ষজ স্থিতিশক্তি দ্বিগুণ হবে
✗ D. অভিকর্ষজ স্থিতিশক্তি চারগুণ হবে

Question ID : **4410092046059**
Option 1 ID : **4410098056311**
Option 2 ID : **4410098056310**
Option 3 ID : **4410098056312**
Option 4 ID : **4410098056309**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 Which of the following physical properties is true for metals?

Ans
✓ A. Metals are lustrous and good conductors of electricity
✗ B. Metals are solid at room temperature
✗ C. Metals are brittle and break easily
✗ D. Metals are poor conductors of heat

Question ID : **4410091450010**
Option 1 ID : **4410095728543**
Option 2 ID : **4410095728542**
Option 3 ID : **4410095728541**
Option 4 ID : **4410095728540**
Status : **Answered**
Chosen Option : **A**

Q.16 যদি কোনো বস্তুর ভর দ্বিগুণ করা হয় এবং ত্বরণ স্থির থাকে, তাহলে বলের কী পরিবর্তন ঘটবে?

Ans
✗ A. চারগুণ হবে
✗ B. অপরিবর্তিত থাকবে
✗ C. অর্ধেক হয়ে যাবে
✓ D. দ্বিগুণ হবে

Question ID : **4410091646083**
Option 1 ID : **4410096500779**
Option 2 ID : **4410096500776**
Option 3 ID : **4410096500777**
Option 4 ID : **4410096500778**
Status : **Answered**
Chosen Option : **D**

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Q.17 কোন মৌলিক পরিবর্তনটি (fundamental change) বিয়োজন বিক্রিয়াকে অন্যান্য ধরণের রাসায়নিক বিক্রিয়া থেকে পৃথক করে?

Ans
✗ A. দু'টি উপাদান সংযুক্ত হয়ে একটি পদার্থ গঠন করে
✓ B. একটি যৌগ, সরল উপাদানসমূহে ভেঙে যায়
✗ C. দ্রবণে আয়নগুলি স্থান বিনিময় করে
✗ D. একটি মৌল অন্য একটি মৌলকে প্রতিস্থাপন করে

Question ID : **4410091704459**
Option 1 ID : **4410096722899**
Option 2 ID : **4410096722898**
Option 3 ID : **4410096722901**
Option 4 ID : **4410096722900**
Status : **Answered**
Chosen Option : **B**

Q.18 মানুষের হৃৎপিণ্ডে বিভিন্ন প্রকোষ্ঠ থাকার প্রধান উদ্দেশ্য কী?

Ans
✗ A. বিশ্রামের সময়ে অতিরিক্ত রক্ত সঞ্চয় করে রাখা
✓ B. অক্সিজেন-সমৃদ্ধ এবং কার্বন ডাই অক্সাইড-সমৃদ্ধ রক্তের মিশ্রণ রোধ করা
✗ C. সমগ্র সিস্টেমিক শিরায় (systemic veins) রক্তচাপ স্থিতিশীল রাখা
✗ D. গ্যাসীয় বিনিময়ের জন্য রক্তকে একচেটিয়াভাবে ফুসফুসের দিকে পাম্প করা

Question ID : **4410091984488**
Option 1 ID : **4410097816507**
Option 2 ID : **4410097816506**
Option 3 ID : **4410097816505**
Option 4 ID : **4410097816508**
Status : **Answered**
Chosen Option : **B**

Q.19 উদ্ভিদের ফ্লোয়েম কলায় সুক্রোজ স্থানান্তরের প্রাথমিক প্রক্রিয়া কোনটি?

Ans
✗ A. একটি অর্ধভেদ্য পর্দার মধ্য দিয়ে অভিস্রবণ
✗ B. বাহক প্রোটিনের মাধ্যমে সহায়ক ব্যাপন
✗ C. ঘনত্বের নতিমাত্রা বরাবর সাধারণ ব্যাপন
✓ D. ATP থেকে প্রাপ্ত শক্তির সাহায্যে সক্রিয় পরিবহন

Question ID : **4410092045257**
Option 1 ID : **4410098053112**
Option 2 ID : **4410098053110**
Option 3 ID : **4410098053111**
Option 4 ID : **4410098053113**
Status : **Answered**
Chosen Option : **A**

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Q.20 For the compound CH_3-CH_2-CHO, what is its correct IUPAC name?

Ans
✔ A. Propanal
✘ B. Propanone
✘ C. Propanoic acid
✘ D. Propanol

Question ID : **4410091565468**
Option 1 ID : **4410096183364**
Option 2 ID : **4410096183366**
Option 3 ID : **4410096183365**
Option 4 ID : **4410096183363**
Status : **Answered**
Chosen Option : **A**

Q.21 What forms the compressions and rarefactions in a sound wave traveling through air?

Ans
✘ A. Particles in the air permanently collide and stick together
✘ B. Particles in the air maintain equal spacing at all times
✘ C. Particles in the air move in a spiral pattern as the wave passes
✔ D. Particles in the air bunch together and spread apart alternately

Question ID : **4410092046010**
Option 1 ID : **4410098056114**
Option 2 ID : **4410098056116**
Option 3 ID : **4410098056115**
Option 4 ID : **4410098056113**
Status : **Answered**
Chosen Option : **D**

Q.22 মৌলের অণুর প্রসঙ্গে, কোন বিবৃতিটি 'পারমাণবিকতা' (Atomicity) পরিভাষাটিকে সঠিকভাবে ব্যাখ্যা করে?

Ans
✘ A. এটি একটি মৌলের ইলেকট্রন সংখ্যা
✔ B. এটি হল একটি অণুতে উপস্থিত পরমাণুর সংখ্যা
✘ C. এটি হল একটি পরমাণুতে উপস্থিত কক্ষসমূহের সংখ্যা
✘ D. এটি একটি অণুতে উপস্থিত পরমাণুগুলোর মোট ভর

Question ID : **4410091646756**
Option 1 ID : **4410096503270**
Option 2 ID : **4410096503271**
Option 3 ID : **4410096503272**
Option 4 ID : **4410096503269**
Status : **Answered**
Chosen Option : **B**

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Q.23 জে. জে. থমসনের পরীক্ষামূলক মডেলটি _____ প্রস্তাব করে।

Ans
✗ A. নিউক্লিয়াস-এর আবিষ্কার
✗ B. নিউট্রন-এর আবিষ্কার
✗ C. প্রোটন-এর আবিষ্কার
✓ D. ইলেকট্রন-এর আবিষ্কার

Question ID : **4410091079544**
Option 1 ID : **4410094255458**
Option 2 ID : **4410094255461**
Option 3 ID : **4410094255459**
Option 4 ID : **4410094255460**
Status : **Answered**
Chosen Option : **D**

Q.24 The numerical value of an object's potential energy is measured in which SI unit?

Ans
✗ A. Watt (W)
✗ B. Newton (N)
✗ C. Pascal (Pa)
✓ D. Joule (J)

Question ID : **4410092046252**
Option 1 ID : **4410098057082**
Option 2 ID : **4410098057081**
Option 3 ID : **4410098057084**
Option 4 ID : **4410098057083**
Status : **Answered**
Chosen Option : **D**

Q.25 একজন রোগীর দেহের বাইরের আচ্ছাদনটি মারাত্মকভাবে ক্ষতিগ্রস্ত হওয়ার পর থেকে তিনি বারবার ত্বকের সংক্রমণে আক্রান্ত হচ্ছেন। তার কোন কলাটি ক্ষতিগ্রস্ত হওয়ার সম্ভাবনা সবচেয়ে বেশি?

Ans
✗ A. যোগ কলা
✗ B. পেশী কলা
✓ C. আবরণী কলা
✗ D. স্নায়ু কলা

Question ID : **4410091974141**
Option 1 ID : **4410097775580**
Option 2 ID : **4410097775582**
Option 3 ID : **4410097775583**
Option 4 ID : **4410097775581**
Status : **Answered**
Chosen Option : **C**

Railway BABA

Section : **Mathematics**

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Q.26 পাইপ A, পাইপ B এবং পাইপ C একটি চৌবাচ্চাকে এককভাবে যথাক্রমে 3 ঘণ্টা, 18 ঘণ্টা এবং 9 ঘণ্টায় ভর্তি করতে পারে। যদি তিনটি পাইপকেই একসঙ্গে চালু রাখা হয়, তাহলে ট্যাঙ্কটির অর্ধেক অংশ ভর্তি হতে কত সময় (ঘণ্টায়) লাগবে?

Ans
✗ A. 3
✓ B. 1
✗ C. 2
✗ D. 4

Question ID : **441009517475**
Option 1 ID : **4410092025321**
Option 2 ID : **4410092025319**
Option 3 ID : **4410092025320**
Option 4 ID : **4410092025322**
Status : **Answered**
Chosen Option : **B**

Q.27 একটি আয়তঘনকের দৈর্ঘ্য এবং প্রস্থ সমান এবং এর উচ্চতা 32 cm হয়। আয়তঘনকটির আয়তন 2048 cm^3 হলে, আয়তঘনকটির সমগ্রতলের ক্ষেত্রফল (cm^2 তে) কত?

Ans
✗ A. 1225
✓ B. 1152
✗ C. 1024
✗ D. 1296

Question ID : **441009900827**
Option 1 ID : **4410093557379**
Option 2 ID : **4410093557380**
Option 3 ID : **4410093557378**
Option 4 ID : **4410093557381**
Status : **Answered**
Chosen Option : **B**

Q.28 একটি সমানুপাতিকের প্রথম তিনটি পদ 15,45,24 হলে, চতুর্থ পদটি নির্ণয় করুন।

Ans
✓ A. 72
✗ B. 75
✗ C. 74
✗ D. 68

Question ID : **44100952717**
Option 1 ID : **441009209949**
Option 2 ID : **441009209951**
Option 3 ID : **441009209950**
Option 4 ID : **441009209948**
Status : **Answered**
Chosen Option : **A**

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Q.29 AA' এবং BB' হল দুটি সমান্তরাল সরলরেখা। CC' হল একটি ছেদক যা AA' এবং BB' কে যথাক্রমে D এবং E বিন্দুতে ছেদ করে।
যদি ∠B'EC' = 127° এবং ∠CDA' = (7x − 3)° হয়, তাহলে x এর মান কত?

Ans
✗ A. 6
✗ B. 5
✓ C. 8
✗ D. 7

Question ID : **441009603049**
Option 1 ID : **4410092367314**
Option 2 ID : **4410092367313**
Option 3 ID : **4410092367316**
Option 4 ID : **4410092367315**
Status : **Answered**
Chosen Option : **C**

Q.30 *যদি* $\cot A = \frac{P}{Q}$ *হয় এবং A একটি সূক্ষ্মকোণ হয়, তবে* $\frac{1}{2}(P\ \sec A + Q\ \operatorname{cosec} A)^2$ *এর মান নির্ণয় করুন।*

Ans
✗ A. $\frac{(P^2 + Q^2)}{2}$
✓ B. $2(P^2 + Q^2)$
✗ C. $(P^2 + Q^2)$
✗ D. $\sqrt{(P^2 + Q^2)}$

Question ID : **441009602951**
Option 1 ID : **4410092366922**
Option 2 ID : **4410092366923**
Option 3 ID : **4410092366921**
Option 4 ID : **4410092366924**
Status : **Answered**
Chosen Option : **A**

Q.31 62 km/hr গতিবেগে চলমান 320 m দীর্ঘ একটি ট্রেন, সমান্তরাল লাইনে বিপরীত দিক থেকে 46 km/hr গতিবেগে আসা অন্য একটি ট্রেনকে সম্পূর্ণভাবে অতিক্রম করতে 16 সেকেন্ড সময় নেয়। দ্বিতীয় ট্রেনটির দৈর্ঘ্য (m এককে) কত?

Ans
✓ A. 160
✗ B. 180
✗ C. 200
✗ D. 220

Question ID : **441009620262**
Option 1 ID : **4410092435180**
Option 2 ID : **4410092435182**
Option 3 ID : **4410092435181**
Option 4 ID : **4410092435183**
Status : **Answered**
Chosen Option : **A**

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Q.32 একটি পাত্রে 26 লিটার দুধ রয়েছে। পাত্রটি থেকে 13 লিটার দুধ তুলে নিয়ে তার পরিবর্তে সমপরিমাণ জল মেশানো হল। এই প্রক্রিয়াটি আরও একবার পুনরাবৃত্তি করা হল। পাত্রটিতে এখন কত পরিমাণ দুধ রয়েছে?

Ans
✔ A. 6.5 লিটার
✘ B. 3.5 লিটার
✘ C. 4.5 লিটার
✘ D. 5.5 লিটার

Question ID : **4410091981106**
Option 1 ID : **4410097803244**
Option 2 ID : **4410097803247**
Option 3 ID : **4410097803246**
Option 4 ID : **4410097803245**
Status : **Answered**
Chosen Option : **A**

Q.33 একটি গাড়ি সুষম গতিতে চললে 5 ঘণ্টায় একটি নির্দিষ্ট দূরত্ব অতিক্রম করে। গাড়ির গতিবেগ 10 km/hr বেশি হলে, দূরত্বটি অতিক্রম করতে 1 ঘণ্টা কম সময় লাগত। গাড়ির প্রকৃত গতিবেগ নির্ণয় করুন।

Ans
✔ A. 40 km/hr
✘ B. 42 km/hr
✘ C. 45 km/hr
✘ D. 37 km/hr

Question ID : **4410091470298**
Option 1 ID : **4410095809118**
Option 2 ID : **4410095809119**
Option 3 ID : **4410095809120**
Option 4 ID : **4410095809121**
Status : **Answered**
Chosen Option : **A**

Q.34 একটি দোকানে একটি জ্যাকেটের দাম ₹1,200 থেকে বাড়িয়ে ₹1,440 করা হল। পরবর্তীতে একটি ছাড় দেওয়ার ফলে জ্যাকেটটির দাম কমে ₹1,296 হল। মূল দামের সাপেক্ষে চূড়ান্ত দামের সামগ্রিক শতকরা পরিবর্তন কত?

Ans
✘ A. 10% বৃদ্ধি
✔ B. 8% বৃদ্ধি
✘ C. 10% হ্রাস
✘ D. 8% হ্রাস

Question ID : **4410091447915**
Option 1 ID : **4410095720154**
Option 2 ID : **4410095720152**
Option 3 ID : **4410095720155**
Option 4 ID : **4410095720153**
Status : **Answered**
Chosen Option : **B**

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Q.35 নিচের সংখ্যাগুলির গসাগু নির্ণয় করুন।
6, 33, 42, 114, 210

Ans
✔ A. 3
✘ B. 7
✘ C. 1
✘ D. 2

Question ID : **4410091413454**
Option 1 ID : **4410095582830**
Option 2 ID : **4410095582829**
Option 3 ID : **4410095582828**
Option 4 ID : **4410095582827**
Status : **Answered**
Chosen Option : **D**

Q.36 I, II, III এবং IV এই চারটি দোকানেই একটি কুকারের মুদ্রিতমূল্য সমান। কুকারের মুদ্রিতমূল্যের উপর দোকান I ক্রমিক 13% এবং 60% এর দুটি ছাড়, দোকান II ক্রমিক 56% এবং 12% এর দুটি ছাড়, দোকান III ক্রমিক 60% এবং 28% এর দুটি ছাড় এবং দোকান IV ক্রমিক 33%, 16% এবং 89% এর ছাড় প্রদান করে। কোন দোকানটি সবচেয়ে কম দামে কুকারটি বিক্রি করছে?

Ans
✘ A. I
✘ B. II
✘ C. III
✔ D. IV

Question ID : **441009536896**
Option 1 ID : **4410092102983**
Option 2 ID : **4410092102982**
Option 3 ID : **4410092102981**
Option 4 ID : **4410092102980**
Status : **Answered**
Chosen Option : **D**

Q.37 প্রবীণের কাছে ₹1,701 ছিল, যা তিনি তাঁর দুই ছেলে ঋষি এবং শানের মধ্যে ভাগ করে দেন। তিনি তাদের নির্দেশ দেন যেন তারা নিজ নিজ ভাগের অর্থ বার্ষিক 10% চক্রবৃদ্ধি সুদের হারে (বার্ষিক দেয়) বিনিয়োগ করে। দেখা যায় যে, 17 বছরে ঋষির প্রাপ্ত অর্থের পরিমাণ এবং 18 বছরে শানের প্রাপ্ত অর্থের পরিমাণ সমান হয়। প্রবীণ, ঋষিকে কত অর্থ (₹ এ) দিয়েছিলেন, তা নির্ণয় করুন।

Ans
✘ A. 810
✘ B. 910
✔ C. 891
✘ D. 741

Question ID : **441009573598**
Option 1 ID : **4410092249513**
Option 2 ID : **4410092249515**
Option 3 ID : **4410092249512**
Option 4 ID : **4410092249514**
Status : **Answered**
Chosen Option : **C**

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Q.38 প্রদত্ত বার গ্রাফটি একটি দোকানে বিভিন্ন মাসে বিক্রি হওয়া বইয়ের সংখ্যা নির্দেশ করে। জানুয়ারির (January) তুলনায় মে (May) মাসে বিক্রি হওয়া বইয়ের সংখ্যার বৃদ্ধি কত?



Ans
✔ A. 120
✘ B. 140
✘ C. 125
✘ D. 130

Question ID : **4410091988711**
Option 1 ID : **4410097832620**
Option 2 ID : **4410097832618**
Option 3 ID : **4410097832617**
Option 4 ID : **4410097832619**
Status : **Answered**
Chosen Option : **A**

Q.39 What is the value of (5x + 3y), if the mean of the following distribution is 66?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	7	20	x	8	y	85

Ans
✔ A. 156
✘ B. 166
✘ C. 159
✘ D. 141

Question ID : **441009623503**
Option 1 ID : **4410092448144**
Option 2 ID : **4410092448146**
Option 3 ID : **4410092448145**
Option 4 ID : **4410092448147**
Status : **Answered**
Chosen Option : **A**

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Q.40 The marks obtained by 30 students of tenth class in a school in mathematics paper consisting of 100 marks are presented in the following table. Find the arithmetic mean of the data.

Class interval	No. of students
10 – 25	2
25 – 40	3
40 – 55	7
55 – 70	6
70 – 85	6
85 - 100	6

Ans
✗ A. 72
✓ B. 62
✗ C. 65
✗ D. 76

Question ID : **441009340510**
Option 1 ID : **4410091328064**
Option 2 ID : **4410091328063**
Option 3 ID : **4410091328062**
Option 4 ID : **4410091328065**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.41 অরবিন্দ ₹x দিয়ে একটি পণ্য কিনে বিরুর কাছে সেটি 5% ক্ষতিতে বিক্রি করে। বিরু পণ্যটি পরিবহনের জন্য ₹152 খরচ করে এবং মিনুর কাছে 56% লাভে বিক্রি করে। যদি মিনু পণ্যটি ₹1,482 দিয়ে কিনে থাকে, তাহলে x এর মান কত?

Ans
✗ A. 880
✓ B. 840
✗ C. 860
✗ D. 820

Question ID : **441009561685**
Option 1 ID : **4410092202010**
Option 2 ID : **4410092202007**
Option 3 ID : **4410092202008**
Option 4 ID : **4410092202009**
Status : **Answered**
Chosen Option : **B**

Q.42 এখন থেকে আট বছর পরে রাজীবের বয়স হবে সুমিতের বয়সের দ্বিগুণ। চার বছর আগে তার বয়স ছিল সুমিতের বয়সের ছয় গুণ। এখন থেকে 10 বছর পর সুমিতের বয়স কত হবে?

Ans
✗ A. 21 বছর
✗ B. 16 বছর
✓ C. 17 বছর
✗ D. 19 বছর

Question ID : **4410091015916**
Option 1 ID : **4410094015145**
Option 2 ID : **4410094015143**
Option 3 ID : **4410094015146**
Option 4 ID : **4410094015144**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.43 দু'টি সংখ্যার গসাগু এবং লসাগু যথাক্রমে 16 এবং 96 হয়। একটি সংখ্যা 48 হ'লে, অপর সংখ্যাটি কত?

Ans
✗ A. 30
✓ B. 32
✗ C. 34
✗ D. 28

Question ID : **4410091490556**
Option 1 ID : **4410095888241**
Option 2 ID : **4410095888242**
Option 3 ID : **4410095888243**
Option 4 ID : **4410095888240**
Status : **Answered**
Chosen Option : **B**

Q.44 এক বছরে কোনো শহরের জনসংখ্যা 70,000 থেকে বৃদ্ধি পেয়ে 71,435 হলে, জনসংখ্যা বৃদ্ধির শতকরা হার কত?

Ans
✗ A. 2.25%
✗ B. 2.15%
✗ C. 2.0%
✓ D. 2.05%

Question ID : **4410091986673**
Option 1 ID : **4410097824760**
Option 2 ID : **4410097824759**
Option 3 ID : **4410097824757**
Option 4 ID : **4410097824758**
Status : **Answered**
Chosen Option : **D**

Q.45 যদি 1.2, 1.8, 2.7 এবং x সমানুপাতে থাকে, তবে x এর মান নির্ণয় করুন।

Ans
✓ A. 4.05
✗ B. 3.05
✗ C. 3.55
✗ D. 4.55

Question ID : **4410091986613**
Option 1 ID : **4410097824524**
Option 2 ID : **4410097824522**
Option 3 ID : **4410097824521**
Option 4 ID : **4410097824523**
Status : **Answered**
Chosen Option : **A**

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Q.46 যদি $39^{0.66} = x$, $39^{0.23} = y$ এবং $x^z = y^2$ হয়, তাহলে z এর মান কত?

Ans
✔ A. 0.69
✘ B. 0.64
✘ C. 0.12
✘ D. 1.62

Question ID : **4410095365 63**
Option 1 ID : **4410092101648**
Option 2 ID : **4410092101651**
Option 3 ID : **4410092101649**
Option 4 ID : **4410092101650**
Status : **Answered**
Chosen Option : **A**

Q.47 একটি নির্দিষ্ট পরিমাণ মূলধন বার্ষিক 20% সরল সুদের হারে 5 বছরে ₹56,000 সবৃদ্ধিমূল দেয়। মূলধনটি (₹ তে) কত?

Ans
✘ A. 35,000
✘ B. 25,000
✔ C. 28,000
✘ D. 31,000

Question ID : **4410098782 68**
Option 1 ID : **4410093466712**
Option 2 ID : **4410093466713**
Option 3 ID : **4410093466710**
Option 4 ID : **4410093466711**
Status : **Answered**
Chosen Option : **C**

Q.48 বার্ষিক 8% চক্রবৃদ্ধি সুদের (অর্ধ-বার্ষিক দেয়) হারে ₹81,250 মূলধনের দেড় বছরের চক্রবৃদ্ধি সুদ নির্ণয় করুন।

Ans
✘ A. ₹10,245.30
✘ B. ₹10,345.40
✘ C. ₹10,045.10
✔ D. ₹10,145.20

Question ID : **4410091983319**
Option 1 ID : **4410097811967**
Option 2 ID : **4410097811968**
Option 3 ID : **4410097811965**
Option 4 ID : **4410097811966**
Status : **Answered**
Chosen Option : **A**

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Q.49 সমতল ভূমির ওপর একটি বিল্ডিং দাঁড়িয়ে আছে এবং বিল্ডিংয়ের শীর্ষে একটি উল্লম্ব পতাকা-দণ্ড স্থাপন করা আছে। বিল্ডিংয়ের পাদদেশ থেকে 30 m দূরের একটি বিন্দু থেকে বিল্ডিংয়ের শীর্ষের উন্নতি কোণ 30° এবং পতাকা-দণ্ডটির শীর্ষের উন্নতি কোণ 60° হলে, পতাকা-দণ্ডটির উচ্চতা (m এ) নির্ণয় করুন।

Ans
✗ A. $\frac{40}{\sqrt{3}}$
✗ B. $40\sqrt{3}$
✗ C. $60\sqrt{3}$
✓ D. $20\sqrt{3}$

Question ID : **441009601083**
Option 1 ID : **4410092359450**
Option 2 ID : **4410092359449**
Option 3 ID : **4410092359451**
Option 4 ID : **4410092359452**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.50 3 cm, 4 cm এবং 5 cm বাহুবিশিষ্ট তিনটি ধাতব ঘনককে গলিয়ে একটি একক বড় ঘনক তৈরি করা হল। এরপর এই নতুন ঘনকটিকে এর একটি তলের সমান্তরাল তল বরাবর কেটে দু'টি একরূপ আয়তঘনকে পাওয়া গেল। মূল তিনটি ঘনকের সমগ্রতলের ক্ষেত্রফল এবং নতুন দুটি আয়তঘনকের সমগ্রতলের ক্ষেত্রফলের অনুপাত কত?

Ans
✗ A. 24 : 25
✗ B. 50 : 49
✓ C. 25 : 24
✗ D. 5 : 4

Question ID : **4410091707485**
Option 1 ID : **4410096734694**
Option 2 ID : **4410096734696**
Option 3 ID : **4410096734693**
Option 4 ID : **4410096734695**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Intelligence and Reasoning**

Q.51 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only two boxes are kept between J and I. Only K is kept above R. Only four boxes are kept between R and I. Q is kept at some place below S but at some place above T.
Which box is kept second above T?

Ans
✗ A. S
✗ B. I
✓ C. J
✗ D. Q

Question ID : **441009819347**
Option 1 ID : **4410093231511**
Option 2 ID : **4410093231513**
Option 3 ID : **4410093231512**
Option 4 ID : **4410093231514**
Status : **Answered**
Chosen Option : **C**

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Q.52 Refer to the given number and symbol series and answer the question that follows.
Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 5 @ % & 2 7 & 4 Ω 3 & 8 1 % 6 * 9 # £ (Right)

How many such symbols are there, each of which is immediately preceded by an even number and also immediately followed by an odd number?

Ans
✗ A. None
✗ B. One
✗ C. Three
✓ D. Two

Question ID : **4410091603152**
Option 1 ID : **4410096331804**
Option 2 ID : **4410096331805**
Option 3 ID : **4410096331807**
Option 4 ID : **4410096331806**
Status : **Answered**
Chosen Option : **D**

Q.53 21 একটি নির্দিষ্ট পদ্ধতিতে 86 এর সঙ্গে সম্পর্কিত। অনুরূপ পদ্ধতি অনুসারে 29 সম্পর্কিত 118 এর সঙ্গে। অনুরূপ পদ্ধতি অনুসরণ করে 33 নিচের কোন বিকল্পটির সঙ্গে সম্পর্কিত?
(দ্রষ্টব্য: সংখ্যাগুলিকে তাদের উপাদান অঙ্কে বিভাজিত না করে অখণ্ড সংখ্যার উপরেই সকল কার্যক্রম সম্পাদন করতে হবে। যেমন 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ, 13 এর সঙ্গেই যোগ/বিয়োগ/গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনোপ্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)

Ans
✗ A. 132
✓ B. 134
✗ C. 130
✗ D. 136

Question ID : **4410091990847**
Option 1 ID : **4410097841025**
Option 2 ID : **4410097841027**
Option 3 ID : **4410097841026**
Option 4 ID : **4410097841028**
Status : **Answered**
Chosen Option : **B**

Q.54 In a certain code language,
A + B means 'A is the sister of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B',
A ÷ B means 'A is the father of B'.

How is S related to N if 'S + E − W × T ÷ N'?

Ans
✓ A. Mother's sister
✗ B. Sister
✗ C. Mother
✗ D. Mother's mother

Question ID : **441009758296**
Option 1 ID : **4410092987177**
Option 2 ID : **4410092987179**
Option 3 ID : **4410092987178**
Option 4 ID : **4410092987180**
Status : **Answered**
Chosen Option : **A**

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Q.55 যদি + এর অর্থ - হয়, - এর অর্থ × হয়, × এর অর্থ ÷ হয়, ÷ এর অর্থ + হয়, তাহলে নিচের সমীকরণে প্রশ্নবোধক চিহ্নটির (?) স্থানে কী বসবে?
26 - 6 ÷ 34 + 40 × 8 = ?

Ans
✗ A. 155
✗ B. 135
✗ C. 195
✓ D. 185

Question ID : **4410091495054**
Option 1 ID : **4410095905888**
Option 2 ID : **4410095905887**
Option 3 ID : **4410095905890**
Option 4 ID : **4410095905889**
Status : **Answered**
Chosen Option : **D**

Q.56 যদি × এর অর্থ – হয়, ÷ এর অর্থ × হয়, + এর অর্থ ÷ হয় এবং – এর অর্থ + হয়, তাহলে নিচের সমীকরণে প্রশ্নবোধক চিহ্নটির (?) স্থানে কী বসবে?
2 ÷ 6 × 15 + 3 – 5 = ?

Ans
✗ A. 14
✗ B. 15
✗ C. 13
✓ D. 12

Question ID : **4410091306025**
Option 1 ID : **4410095156035**
Option 2 ID : **4410095156036**
Option 3 ID : **4410095156034**
Option 4 ID : **4410095156033**
Status : **Answered**
Chosen Option : **D**

Q.57 ইংরাজি বর্ণানুক্রম অনুসারে, প্রদত্ত ক্রমের প্রশ্নবোধক চিহ্নটির (?) স্থানে কী বসবে?
MTX LSW KRV JQU ?

Ans
✓ A. IPT
✗ B. HPT
✗ C. IOV
✗ D. HOS

Question ID : **4410091492185**
Option 1 ID : **4410095894457**
Option 2 ID : **4410095894459**
Option 3 ID : **4410095894458**
Option 4 ID : **4410095894460**
Status : **Answered**
Chosen Option : **A**

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Q.58 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 Sticks, U, R, N, S and T each having a different height, which Stick is the shortest?
(I) T is taller than only two Sticks. S is taller than T but shorter than N
(II) U is taller than R

Ans ✔ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.

✘ B. Both statements I and II together are NOT sufficient to answer the question

✘ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not

✘ D. Data in Statement II alone is sufficient to answer the question while data in statement I is not

Question ID : **4410091332894**
Option 1 ID : **4410095263172**
Option 2 ID : **4410095263173**
Option 3 ID : **4410095263175**
Option 4 ID : **4410095263174**
Status : **Answered**
Chosen Option : **A**

Q.59 প্রদত্ত ক্রমের প্রশ্নবোধক চিহ্নটির (?) স্থানে কী বসবে?
141 118 96 75 55 ?

Ans ✘ A. 43

✔ B. 36

✘ C. 32

✘ D. 46

Question ID : **4410091987728**
Option 1 ID : **4410097828702**
Option 2 ID : **4410097828703**
Option 3 ID : **4410097828704**
Option 4 ID : **4410097828701**
Status : **Answered**
Chosen Option : **B**

Q.60 This question is based on the following words.

BAS HIS JEM BOL

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans ✘ A. Three

✔ B. One

✘ C. Four

✘ D. Two

Question ID : **4410091599077**
Option 1 ID : **4410096316101**
Option 2 ID : **4410096316099**
Option 3 ID : **4410096316102**
Option 4 ID : **4410096316100**
Status : **Answered**
Chosen Option : **B**

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Q.61 যদি + এর অর্থ – হয়, – এর অর্থ × হয়, × এর অর্থ ÷ হয় এবং ÷ এর অর্থ + হয়, তাহলে নিচের সমীকরণে প্রশ্নবোধক চিহ্নটির (?) স্থানে কী বসবে?
1125 – 5 ÷ 314 + 224 × 4 = ?

Ans
✗ A. 5381
✗ B. 5183
✓ C. 5883
✗ D. 5533

Question ID : **441009980561**
Option 1 ID : **4410093874722**
Option 2 ID : **4410093874723**
Option 3 ID : **4410093874725**
Option 4 ID : **4410093874724**
Status : **Answered**
Chosen Option : **C**

Q.62 # এবং % এর স্থানে কোন বর্ণগুচ্ছগুলিকে বসালে :: চিহ্নের বামদিকে থাকা বর্ণগুচ্ছ জোড়ায় অনুসৃত বিন্যাস ও সম্পর্কটি :: চিহ্নের ডানদিকে থাকা বর্ণগুচ্ছ জোড়ায় অনুসৃত বিন্যাস ও সম্পর্কের অনুরূপ হবে?

: TNQ :: SMP : %

Ans
✗ A. # = QUI, % = BVS
✓ B. # = QKN, % = VPS
✗ C. # = ION, % = VDF
✗ D. # = QQN, % = VPP

Question ID : **441009761093**
Option 1 ID : **4410092998366**
Option 2 ID : **4410092998367**
Option 3 ID : **4410092998365**
Option 4 ID : **4410092998368**
Status : **Answered**
Chosen Option : **B**

Q.63 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements
Statements: Some fishes are whales. No whale is an octopus.
Conclusion (I) : Some fishes are octopuses
Conclusion (II) : Some whales are fishes

Ans
✗ A. Only conclusion I follows
✗ B. Neither conclusion I nor II follows
✗ C. Both conclusions I and II follow
✓ D. Only conclusion II follows

Question ID : **4410091614657**
Option 1 ID : **4410096377438**
Option 2 ID : **4410096377440**
Option 3 ID : **4410096377437**
Option 4 ID : **4410096377439**
Status : **Answered**
Chosen Option : **D**

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Q.64 প্রদত্ত চারটি বিকল্পের মধ্যে তিনটি, ইংরাজি বর্ণানুক্রম ভিত্তিক নির্দিষ্ট পদ্ধতি অনুসারে অনুরূপ এবং এইভাবে একটি দল গঠন করে। কোন বিকল্পটি সেই দলের অন্তর্গত নয়?
[দ্রষ্টব্য: বর্ণ-গুচ্ছে উপস্থিত ব্যঞ্জনবর্ণ (consonant)/ স্বরবর্ণের (vowel) সংখ্যা কিংবা তাদের অবস্থানের উপর ভিত্তি করে ব্যতিক্রমী বিকল্পটিকে নির্ধারণ করা যাবে না।]

Ans
✗ A. AB − FG
✗ B. VW − AB
✓ C. EF − IM
✗ D. RS − WX

Question ID : **441009809744**
Option 1 ID : **4410093193101**
Option 2 ID : **4410093193102**
Option 3 ID : **4410093193099**
Option 4 ID : **4410093193100**
Status : **Answered**
Chosen Option : **C**

Q.65 Each vowel in the word COLLEGE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be third from the left in the new group of letters thus formed?

Ans
✗ A. P
✗ B. B
✗ C. F
✓ D. K

Question ID : **441009806322**
Option 1 ID : **4410093179413**
Option 2 ID : **4410093179414**
Option 3 ID : **4410093179412**
Option 4 ID : **4410093179411**
Status : **Answered**
Chosen Option : **D**

Q.66 # এবং % এর স্থানে কোন বর্ণগুচ্ছগুলিকে বসালে :: চিহ্নের বামদিকে থাকা বর্ণগুচ্ছ জোড়ায় অনুসৃত বিন্যাস ও সম্পর্কটি :: চিহ্নের ডানদিকে থাকা বর্ণগুচ্ছ জোড়ায় অনুসৃত বিন্যাস ও সম্পর্কের অনুরূপ হবে?

: RSU :: HIK : %

Ans
✓ A. # = NOQ , % = LMO
✗ B. # = NOQ , % = LSD
✗ C. # = NOQ , % = LKO
✗ D. # = NOQ , % = LUO

Question ID : **441009754945**
Option 1 ID : **4410092973773**
Option 2 ID : **4410092973776**
Option 3 ID : **4410092973774**
Option 4 ID : **4410092973775**
Status : **Answered**
Chosen Option : **A**

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Q.67 TQ 13 একটি নির্দিষ্ট পদ্ধতিতে YV 6 এর সঙ্গে সম্পর্কিত। অনুরূপ পদ্ধতি অনুসারে LI 18 সম্পর্কিত QN 11 এর সঙ্গে। অনুরূপ পদ্ধতি অনুসরণ করে NK 22 নিচের কোন বিকল্পটির সঙ্গে সম্পর্কিত?

Ans
✗ A. TQ 13
✓ B. SP 15
✗ C. QN 18
✗ D. SQ 15

Question ID : **4410097975 43**
Option 1 ID : **4410093144174**
Option 2 ID : **4410093144171**
Option 3 ID : **4410093144173**
Option 4 ID : **4410093144172**
Status : **Answered**
Chosen Option : **B**

Q.68 Priyanshu starts from Point A and drives 17 km towards the south. He then takes a right turn, drives 12 km, turns right and drives 24 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✗ A. 9 km to the east
✗ B. 9 km to the west
✓ C. 7 km to the west
✗ D. 7 km to the east

Question ID : **4410091567499**
Option 1 ID : **4410096191311**
Option 2 ID : **4410096191310**
Option 3 ID : **4410096191309**
Option 4 ID : **4410096191308**
Status : **Answered**
Chosen Option : **C**

Q.69 S, T, U, V, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only T lives above S. Y lives immediately below S. Only U lives below Z.
Who lives on floor number 3?

Ans
✓ A. V
✗ B. U
✗ C. S
✗ D. Z

Question ID : **4410091432336**
Option 1 ID : **4410095657675**
Option 2 ID : **4410095657674**
Option 3 ID : **4410095657673**
Option 4 ID : **4410095657676**
Status : **Answered**
Chosen Option : **A**

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Q.70 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) H R I F K R L L J W K L G O Q G Q X M P U (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a consonant?

Ans
✗ A. None
✓ B. Two
✗ C. One
✗ D. Three

Question ID : **4410091246512**
Option 1 ID : **4410094919304**
Option 2 ID : **4410094919302**
Option 3 ID : **4410094919303**
Option 4 ID : **4410094919301**
Status : **Answered**
Chosen Option : **B**

Q.71 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) P C ? J 8 * \ & / W ? 3 6 R M G V R 4 T M Z J S (Right)

How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a number?

Ans
✗ A. Three
✗ B. Two
✓ C. One
✗ D. None

Question ID : **441009797150**
Option 1 ID : **4410093142602**
Option 2 ID : **4410093142601**
Option 3 ID : **4410093142600**
Option 4 ID : **4410093142599**
Status : **Answered**
Chosen Option : **C**

Q.72 A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only two people lives between P and S. Only G lives above H. Y lives on an even numbered floor. P lives on the lowermost floor.
How many people live between A and G?

Ans
✗ A. Four
✗ B. Three
✓ C. Two
✗ D. One

Question ID : **4410091451270**
Option 1 ID : **4410095733563**
Option 2 ID : **4410095733562**
Option 3 ID : **4410095733561**
Option 4 ID : **4410095733560**
Status : **Answered**
Chosen Option : **C**

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Q.73 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B' and
A # B means 'A is the daughter of B'.

How is Yk related to Eq if 'Eq – Vc + Tg # Yk % Np'?

Ans
✗ A. Sister's daughter
✗ B. Wife's brother
✓ C. Sister's husband
✗ D. Mother's brother

Question ID : **4410091502085**
Option 1 ID : **4410095932724**
Option 2 ID : **4410095932727**
Option 3 ID : **4410095932725**
Option 4 ID : **4410095932726**
Status : **Answered**
Chosen Option : **C**

Q.74 Seven people, D, H, J, L, S, T and Y, are sitting in a row, facing the north.
Only two people sit between S and J. Only L sits to the right of H. Only one person sits between J and H. D sits at some place to the right of T but at some place to the left of Y.
How many people sit to the left of H?

Ans
✓ A. Five
✗ B. Two
✗ C. Three
✗ D. Four

Question ID : **4410091608028**
Option 1 ID : **4410096351048**
Option 2 ID : **4410096351049**
Option 3 ID : **4410096351050**
Option 4 ID : **4410096351051**
Status : **Answered**
Chosen Option : **A**

Q.75 যদি CONCEPT শব্দটির প্রতিটি বর্ণকে ইংরাজি বর্ণানুক্রম অনুসারে সাজানো হয়, তাহলে এ'ভাবে গঠিত নতুন বর্ণ-গুচ্ছটিতে বামদিক থেকে চতুর্থ বর্ণ এবং ডানদিক থেকে দ্বিতীয় বর্ণের মাঝে ইংরাজি বর্ণমালায় কতগুলি বর্ণ থাকবে?

Ans
✗ A. 2
✓ B. 1
✗ C. 3
✗ D. 0

Question ID : **441009998797**
Option 1 ID : **4410093947045**
Option 2 ID : **4410093947043**
Option 3 ID : **4410093947046**
Option 4 ID : **4410093947044**
Status : **Answered**
Chosen Option : **B**

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Q.76 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
Only three people sit between K and Q. Only two people sit between K and R when counted from the right of K. Only two people sit between R and J. Z sits to the immediate left of I.
Who sits fourth to the left of P?

Ans
✗ A. R
✗ B. K
✓ C. Z
✗ D. I

Question ID : **441009784419**
Option 1 ID : **4410093091682**
Option 2 ID : **4410093091679**
Option 3 ID : **4410093091681**
Option 4 ID : **4410093091680**
Status : **Answered**
Chosen Option : **C**

Q.77 একটি নির্দিষ্ট সাংকেতিক ভাষায়, "DPKA" কে লেখা হয় "44" হিসাবে এবং "QZGK" কে লেখা হয় "73" হিসাবে। ওই সাংকেতিক ভাষায় "RZOI" কে কীভাবে লেখা হয়?

Ans
✗ A. 69
✗ B. 71
✗ C. 88
✓ D. 80

Question ID : **441009795809**
Option 1 ID : **4410093137237**
Option 2 ID : **4410093137236**
Option 3 ID : **4410093137238**
Option 4 ID : **4410093137235**
Status : **Answered**
Chosen Option : **D**

Q.78 প্রদত্ত দু'টি সেটের প্রতিটিতে, প্রথম সংখ্যার উপর নির্দিষ্ট গাণিতিক কার্যক্রম(সমূহ) সম্পাদন করলে দ্বিতীয় সংখ্যাটি পাওয়া যায়। একইভাবে, দ্বিতীয় সংখ্যার উপর নির্দিষ্ট গাণিতিক কার্যক্রম(সমূহ) সম্পাদন করলে তৃতীয় সংখ্যাটি পাওয়া যায় এবং এইভাবে সেটের বাকি সংখ্যাগুলিও পাওয়া যায়। প্রদত্ত বিকল্পগুলির মধ্যে কোনটি প্রদত্ত সেটগুলির মতো অনুরূপ গাণিতিক কার্যক্রম(সমূহ) অনুসরণ করে?
(দ্রষ্টব্য: সংখ্যাগুলিকে এদের উপাদান অঙ্কে বিভাজিত না করে, সমগ্র কার্যক্রমটি অখণ্ড সংখ্যার উপরেই সম্পাদন করতে হবে। যেমন, 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ, 13 এর সঙ্গেই যোগ/ বিয়োগ/ গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনোপ্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)
101 - 90
43 - 32

Ans
✗ A. 65 - 55
✗ B. 99 - 89
✗ C. 47 - 37
✓ D. 82 - 71

Question ID : **441009591335**
Option 1 ID : **4410092320454**
Option 2 ID : **4410092320456**
Option 3 ID : **4410092320453**
Option 4 ID : **4410092320455**
Status : **Answered**
Chosen Option : **D**

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Q.79 This question is based on the following words.

FON MEN OPS PVT

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. Three
✓ B. One
✗ C. Four
✗ D. Two

Question ID : **441009819457**
Option 1 ID : **4410093231952**
Option 2 ID : **4410093231954**
Option 3 ID : **4410093231951**
Option 4 ID : **4410093231953**
Status : **Answered**
Chosen Option : **B**

Q.80 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✓ A. HEZ
✗ B. EAW
✗ C. TPL
✗ D. LHD

Question ID : **4410091000011**
Option 1 ID : **4410093951891**
Option 2 ID : **4410093951894**
Option 3 ID : **4410093951892**
Option 4 ID : **4410093951893**
Status : **Answered**
Chosen Option : **A**

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Section : **General Awareness and Current Affairs**

Q.81 ইতালির মিলান এবং কর্টিনা ডি'অ্যাম্পেজো তে (6–22 ফেব্রুয়ারি) অনুষ্ঠিত, 2026 সালের শীতকালীন অলিম্পিকে কোন দেশ পদক তালিকায় শীর্ষে ছিল?

Ans
✓ A. নরওয়ে
✗ B. জার্মানি
✗ C. মার্কিন যুক্তরাষ্ট্র
✗ D. ইতালি

Question ID : **4410092009010**
Option 1 ID : **4410097911316**
Option 2 ID : **4410097911315**
Option 3 ID : **4410097911314**
Option 4 ID : **4410097911317**
Status : **Not Answered**
Chosen Option : **--**

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Q.82 2025 সালের অক্টোবরে অস্ট্রেলিয়ার পার্থে (Perth) ভারত-অস্ট্রেলিয়া যৌথ সামরিক মহড়া AUSTRAHIND এর কততম সংস্করণটি অনুষ্ঠিত হয়েছিল?

Ans
✗ A. পঞ্চম সংস্করণ
✗ B. তৃতীয় সংস্করণ
✗ C. দ্বিতীয় সংস্করণ
✓ D. চতুর্থ সংস্করণ

Question ID : **4410092009293**
Option 1 ID : **4410097912445**
Option 2 ID : **4410097912443**
Option 3 ID : **4410097912442**
Option 4 ID : **4410097912444**
Status : **Not Answered**
Chosen Option : **--**

Q.83 In February 2026, the India AI Impact Summit emphasized making every citizen "AI-ready". What was the main objective of this initiative?

Ans
✗ A. Replacing communication networks with satellites
✓ B. Promoting digital skills and technology access
✗ C. Increasing dependence on imported software
✗ D. Restricting internet services in rural areas

Question ID : **4410092008917**
Option 1 ID : **4410097910945**
Option 2 ID : **4410097910943**
Option 3 ID : **4410097910942**
Option 4 ID : **4410097910944**
Status : **Answered**
Chosen Option : **B**

Q.84 2026 সালের মার্চ মাসে প্রকাশিত 'ওয়ার্ল্ড হ্যাপিনেস রিপোর্ট 2026'-এ কোন দেশ শীর্ষস্থান অধিকার করেছে?

Ans
✗ A. নেদারল্যান্ড
✓ B. ফিনল্যান্ড
✗ C. ডেনমার্ক
✗ D. সুইজারল্যান্ড

Question ID : **4410092008780**
Option 1 ID : **4410097910397**
Option 2 ID : **4410097910395**
Option 3 ID : **4410097910394**
Option 4 ID : **4410097910396**
Status : **Answered**
Chosen Option : **B**

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Q.85 2026 সালে কোন শিক্ষা প্রতিষ্ঠানে, xTerra রোবোটিক্স দ্বারা তৈরি লেগ্‌ড মোবাইল ম্যানিপুলেটর, SCORP চালু করা হয়েছিল?

Ans
✗ A. IIT মাদ্রাজ
✗ B. IIT রুরকি
✗ C. IIT দিল্লি
✓ D. IIT কানপুর

Question ID : **4410091658868**
Option 1 ID : **4410096550018**
Option 2 ID : **4410096550020**
Option 3 ID : **4410096550019**
Option 4 ID : **4410096550017**
Status : **Not Answered**
Chosen Option : **--**

Q.86 মহিলা ও শিশু উন্নয়ন মন্ত্রক কর্তৃক আয়োজিত, কোন উদ্যোগের আওতায় 2025 সালের 27 নভেম্বর থেকে 2026 সালের 8 মার্চ পর্যন্ত, দেশব্যাপী 100 দিনের একটি প্রচার অভিযান পরিচালিত হয়েছিল?

Ans
✗ A. বেটি বাঁচাও বেটি পড়াও (Beti Bachao Beti Padhao)
✗ B. মিশন শক্তি (Mission Shakti)
✓ C. বাল বিবাহ মুক্ত ভারত (Bal Vivah Mukt Bharat)
✗ D. POSHAN অভিযান (POSHAN Abhiyaan)

Question ID : **4410092009001**
Option 1 ID : **4410097911278**
Option 2 ID : **4410097911279**
Option 3 ID : **4410097911280**
Option 4 ID : **4410097911281**
Status : **Answered**
Chosen Option : **D**

Q.87 বিহারের সংখ্যালঘু সম্প্রদায়ের যুবকদের কৃত্রিম বুদ্ধিমত্তা (Artificial Intelligence) ও ব্যবসায়িক বিশ্লেষণ (Business Analytics) এর ওপর প্রশিক্ষণ প্রদানের লক্ষ্যে, কোন কর্মসূচির আওতায় সংখ্যালঘু বিষয়ক মন্ত্রক 2026 সালের এপ্রিল মাসে IIT পাটনার সাথে একটি সমঝোতা চুক্তি স্বাক্ষর করেছিল?

Ans
✗ A. সিখো অউর কামাও কর্মসূচি
✓ B. PM VIKAS কর্মসূচি
✗ C. নয়ি মঞ্জিল কর্মসূচি
✗ D. PMJVK কর্মসূচি

Question ID : **4410092008607**
Option 1 ID : **4410097909708**
Option 2 ID : **4410097909706**
Option 3 ID : **4410097909709**
Option 4 ID : **4410097909707**
Status : **Not Answered**
Chosen Option : **--**

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Q.88 কোন দেশ 2026 সালের 8 থেকে 13 মার্চ পর্যন্ত ওয়ার্ল্ড প্যারা অ্যাথলেটিক্স গ্র্যান্ড প্রিক্স 2026 আয়োজন করেছিল?

Ans
✔ A. ভারত
✘ B. কানাডা
✘ C. ব্রাজিল
✘ D. জাপান

Question ID : **4410092077245**
Option 1 ID : **4410098177393**
Option 2 ID : **4410098177391**
Option 3 ID : **4410098177390**
Option 4 ID : **4410098177392**
Status : **Not Answered**
Chosen Option : **--**

Q.89 2026 সালের এপ্রিল মাসে নিচের কোন পাখিরালয়কে রামসর সাইটের তালিকায় যুক্ত করা হয়েছিল?

Ans
✘ A. বেদান্তঙ্গল পাখিরালয়
✘ B. ভিতরকনিকা পাখিরালয়
✘ C. নান্দুর মধমেশ্বর পাখিরালয়
✔ D. শেখ ঝিল পাখিরালয়

Question ID : **4410092050298**
Option 1 ID : **4410098072215**
Option 2 ID : **4410098072214**
Option 3 ID : **4410098072213**
Option 4 ID : **4410098072216**
Status : **Not Answered**
Chosen Option : **--**

Q.90 2026 সালের মে মাসে নিচের কোন শহরে DEF-TECH ভারত 2026 আয়োজন করা হয়েছিল?

Ans
✘ A. হায়দ্রাবাদ
✔ B. বেঙ্গালুরু
✘ C. পুনে
✘ D. চেন্নাই

Question ID : **4410092068756**
Option 1 ID : **4410098144000**
Option 2 ID : **4410098143998**
Option 3 ID : **4410098144001**
Option 4 ID : **4410098143999**
Status : **Not Answered**
Chosen Option : **--**

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Q.91 2026–27 সালের কেন্দ্রীয় বাজেটে (Union Budget 2026–27) ঘোষিত কোন প্রকল্পের বিশেষ লক্ষ্য ছিল বিশ্বব্যাপী প্রতিযোগিতামূলক শিল্প বাস্তুতন্ত্র (industrial ecosystem) তৈরি করা?

Ans
✔ A. কনটেইনার ম্যানুফ্যাকচারিং স্কিম (Container Manufacturing Scheme)
✘ B. ইন্টিগ্রেটেড ফ্রেইট ইনফ্রাস্ট্রাকচার মিশন (Integrated Freight Infrastructure Mission)
✘ C. ভারত এক্সপোর্ট কানেক্টিভিটি ইনিশিয়েটিভ (Bharat Export Connectivity Initiative)
✘ D. ন্যাশনাল লজিস্টিক্স কম্পিটিটিভনেস প্রোগ্রাম (National Logistics Competitiveness Programme)

Question ID : **4410092008949**
Option 1 ID : **4410097911072**
Option 2 ID : **4410097911071**
Option 3 ID : **4410097911073**
Option 4 ID : **4410097911070**
Status : **Answered**
Chosen Option : **B**

Q.92 16তম অর্থ কমিশনের প্রধান কে ছিলেন, যার রিপোর্ট 2026 সালের ফেব্রুয়ারিতে সংসদে পেশ করা হয়েছিল?

Ans
✘ A. অশোক লাহিড়ী
✔ B. অরবিন্দ পানাগড়িয়া
✘ C. মন্টেক সিং আহলুওয়ালিয়া
✘ D. সঞ্জয় মালহোত্রা

Question ID : **4410092013004**
Option 1 ID : **4410097926663**
Option 2 ID : **4410097926664**
Option 3 ID : **4410097926665**
Option 4 ID : **4410097926666**
Status : **Answered**
Chosen Option : **B**

Q.93 2026 এশিয়ান বিচ গেমস (2026 সালের এপ্রিল মাসে) চীনের কোন শহরে অনুষ্ঠিত হয়েছিল?

Ans
✘ A. হাইকু (Haikou)
✘ B. কিংডাও (Qingdao)
✔ C. সানিয়া (Sanya)
✘ D. শেনচেন (Shenzhen)

Question ID : **4410092009023**
Option 1 ID : **4410097911366**
Option 2 ID : **4410097911369**
Option 3 ID : **4410097911368**
Option 4 ID : **4410097911367**
Status : **Not Answered**
Chosen Option : **--**

Railway BABA

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Q.94 Which of the following bills was introduced in the Rajya Sabha during the 2026 Budget Session?

Ans
✗ A. The Corporate Laws (Amendment) Bill, 2026
✓ B. The Central Armed Police Forces (General Administration) Bill, 2026
✗ C. The Foreign Contribution (Regulation) Amendment Bill, 2026
✗ D. The Industrial Relations Code (Amendment) Bill, 2026

Question ID : **4410092154434**
Option 1 ID : **4410098479608**
Option 2 ID : **4410098479611**
Option 3 ID : **4410098479609**
Option 4 ID : **4410098479610**
Status : **Answered**
Chosen Option : **C**

Q.95 2026 সালে কলা (art) ক্ষেত্রে কোন অভিনেতাকে পদ্মভূষণ পুরস্কার প্রদান করা হয়েছিল?

Ans
✓ A. মামুট্টি
✗ B. পবন কল্যাণ
✗ C. জোসেফ বিজয়
✗ D. গোবিন্দা

Question ID : **4410092084023**
Option 1 ID : **4410098204239**
Option 2 ID : **4410098204241**
Option 3 ID : **4410098204240**
Option 4 ID : **4410098204242**
Status : **Answered**
Chosen Option : **A**

Q.96 ভারত সরকারের শিক্ষা মন্ত্রক, 2026 সালের জুন মাসে, বিশ্বজুড়ে ছড়িয়ে থাকা ভারতীয় বংশোদ্ভূত গবেষক, বিজ্ঞানী এবং উদ্ভাবকদের আকৃষ্ট করার লক্ষ্যে PMRC নামক একটি প্রকল্প চালু করেছে। PMRC এর পূর্ণরূপ কী?

Ans
✗ A. প্রাইম মিনিস্টার রিসার্চ চ্যানেল (Prime Minister Research Channel)
✓ B. প্রাইম মিনিস্টার রিসার্চ চেয়ার (Prime Minister Research Chair)
✗ C. প্রাইম মিনিস্টার রিসার্চ কনফারেন্স (Prime Minister Research Conference)
✗ D. প্রাইম মিনিস্টার রিসার্চ সেন্টার (Prime Minister Research Center)

Question ID : **4410092095613**
Option 1 ID : **4410098249973**
Option 2 ID : **4410098249972**
Option 3 ID : **4410098249975**
Option 4 ID : **4410098249974**
Status : **Not Answered**
Chosen Option : **--**

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Q.97 2026 সালের সিঙ্গাপুর ওপেন পুরুষদের ডাবলস ফাইনালে ভারতের সাত্বিকসাইরাজ রাঙ্কিরেড্ডি (Satwiksairaj Rankireddy) এবং চিরাগ শেট্টি (Chirag Shetty) কোন দেশের ব্যাডমিন্টন জুটিকে পরাজিত করে শিরোপা জয় করেন?

Ans
✗ A. মালয়েশিয়া
✗ B. চীন
✓ C. ইন্দোনেশিয়া
✗ D. জাপান

Question ID : **4410092084316**
Option 1 ID : **4410098205376**
Option 2 ID : **4410098205378**
Option 3 ID : **4410098205377**
Option 4 ID : **4410098205375**
Status : **Not Answered**
Chosen Option : **--**

Q.98 2026–27 সালের কেন্দ্রীয় বাজেট অনুযায়ী, নতুন প্রস্তাবিত 'খেলো ইন্ডিয়া মিশন'-এর লক্ষ্য কত সময়ের মধ্যে ভারতের ক্রীড়া পরিকাঠামো বা ক্রীড়া ব্যবস্থাকে আমূল পরিবর্তন করা?

Ans
✗ A. আগামী পনেরো বছর
✗ B. আগামী পাঁচ বছর
✗ C. আগামী সাত বছর
✓ D. আগামী দশ বছর

Question ID : **4410092008974**
Option 1 ID : **4410097911173**
Option 2 ID : **4410097911170**
Option 3 ID : **4410097911171**
Option 4 ID : **4410097911172**
Status : **Answered**
Chosen Option : **D**

Q.99 2026 সালের মে মাসে পদ্মবিভূষণ সম্মানে ভূষিত শ্রীমতি এন. রাজম নিম্নলিখিত কোন বিভাগে পুরস্কৃত হন?

Ans
✗ A. ক্রীড়া
✗ B. সাহিত্য
✗ C. চিকিৎসা
✓ D. কলা

Question ID : **4410092009207**
Option 1 ID : **4410097912101**
Option 2 ID : **4410097912099**
Option 3 ID : **4410097912100**
Option 4 ID : **4410097912098**
Status : **Not Answered**
Chosen Option : **--**

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Q.100 NITI আয়োগের "সিনারিওস টুওয়ার্ডস বিকশিত ভারত অ্যান্ড নেট জিরো" (Scenarios Towards Viksit Bharat and Net Zero) শীর্ষক সমীক্ষা অনুযায়ী, ভারত কোন বছরের মধ্যে মোট গ্রিনহাউস গ্যাসের নির্গমন শূন্যতে (Net Zero) নামিয়ে আনার লক্ষ্যমাত্রা নির্ধারণ করেছে?

Ans
- ✗ A. 2050
- ✓ B. 2070
- ✗ C. 2047
- ✗ D. 2060

Question ID : **4410092017021**
Option 1 ID : **4410097942256**
Option 2 ID : **4410097942258**
Option 3 ID : **4410097942255**
Option 4 ID : **4410097942257**
Status : **Not Answered**
Chosen Option : **--**

"

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	W92506325492
Roll Number	289252221784480
Candidate Name	NANSHI SHAW
Community	SC
Test Center Name	TCS Gito Bitan
Test Date	09/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

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Q.1 **Read the following two statements carefully and choose the correct option:**
Statement I: Ethanol on oxidation with alkaline potassium permanganate gives ethanoic acid.
Statement II: Oxidation of ethanol involves the removal of hydrogen atoms and addition of oxygen.
Which of the following is correct?

Ans
✗ A. Both statements are correct, but Statement II does not explain Statement I.
✓ B. Both statements are correct, and Statement II explains Statement I.
✗ C. Only statement I is correct.
✗ D. Only statement II is correct.

Question ID : **4410091078846**
Option 1 ID : **4410094252707**
Option 2 ID : **4410094252706**
Option 3 ID : **4410094252704**
Option 4 ID : **4410094252705**
Status : **Not Answered**
Chosen Option : **--**

Q.2 **Consider the following statements about simple machines.**

1. Help lift heavy loads.
2. Can increase the distance through which effort acts.
3. May change the direction of force.
4. Violate the law of conservation of energy.

Which of the above statements are correct?

Ans
✗ A. 1 and 4 only
✗ B. 1, 2, 3 and 4
✓ C. 1, 2 and 3 only
✗ D. 2 and 3 only

Question ID : **4410092046309**
Option 1 ID : **4410098057310**
Option 2 ID : **4410098057312**
Option 3 ID : **4410098057309**
Option 4 ID : **4410098057311**
Status : **Answered**
Chosen Option : **C**

Q.3 **A packet of potato chips is filled with nitrogen gas before sealing. What is the main reason for using nitrogen in the packet?**

Ans
✗ A. Nitrogen reacts with oil to stabilize it
✗ B. Nitrogen removes moisture from chips
✗ C. Nitrogen increases the crispness of chips
✓ D. Nitrogen prevents oxidation of oils and fats

Question ID : **4410091825963**
Option 1 ID : **4410097198098**
Option 2 ID : **4410097198099**
Option 3 ID : **4410097198101**
Option 4 ID : **4410097198100**
Status : **Answered**
Chosen Option : **D**

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Q.4 Which of the following statements correctly explains why saturated hydrocarbons burn with a blue flame, while unsaturated hydrocarbons tend to burn with a yellow, sooty flame?

Ans

✗ A. Saturated hydrocarbons react with nitrogen in the air to prevent soot formation.

✓ B. Unsaturated hydrocarbons have a higher carbon-to-hydrogen ratio, leading to incomplete combustion and soot formation.

✗ C. Unsaturated hydrocarbons contain more oxygen, which leads to incomplete combustion.

✗ D. Saturated hydrocarbons have weaker bonds, so they burn more completely.

Question ID : **4410093237 48**
Option 1 ID : **4410091261191**
Option 2 ID : **4410091261190**
Option 3 ID : **4410091261188**
Option 4 ID : **4410091261189**
Status : **Answered**
Chosen Option : **B**

Q.5 A heater is rated at 220 V and 1000 W. If it is connected to a 110 V supply, what will be the power consumed by the heater?

Ans

✗ A. 500 W

✗ B. 1000 W

✓ C. 250 W

✗ D. 200 W

Question ID : **4410092045864**
Option 1 ID : **4410098055532**
Option 2 ID : **4410098055530**
Option 3 ID : **4410098055531**
Option 4 ID : **4410098055529**
Status : **Answered**
Chosen Option : **A**

Q.6 Which of the following statements best describes why visible movement alone cannot define whether a plant is alive?

Ans

✗ A. All living things must show visible movement to be alive.

✗ B. Visible movement is always present in living organisms.

✗ C. Only animals can be alive without visible movement.

✓ D. Plants may be alive even without visible growth or movement.

Question ID : **4410091972669**
Option 1 ID : **4410097769707**
Option 2 ID : **4410097769706**
Option 3 ID : **4410097769705**
Option 4 ID : **4410097769704**
Status : **Answered**
Chosen Option : **D**

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Q.7 What are the names of the closely spaced filtration units in each kidney?

Ans
- ✗ A. Glomerulus
- ✗ B. Tubules
- ✓ C. Nephrons
- ✗ D. Neurons

Question ID : **4410092045277**
Option 1 ID : **4410098053190**
Option 2 ID : **4410098053193**
Option 3 ID : **4410098053191**
Option 4 ID : **4410098053192**
Status : **Answered**
Chosen Option : **C**

Q.8 Which of the following conditions accelerate the corrosion of metals the most?

Ans
- ✗ A. Dry air and low temperature
- ✗ B. Pure water and sunlight
- ✓ C. Moist air and presence of salts or acids
- ✗ D. Vacuum and darkness

Question ID : **4410091449981**
Option 1 ID : **4410095728424**
Option 2 ID : **4410095728425**
Option 3 ID : **4410095728426**
Option 4 ID : **4410095728427**
Status : **Answered**
Chosen Option : **C**

Q.9 Which organelle is primarily responsible for aerobic respiration in animal cells?

Ans
- ✗ A. Endoplasmic reticulum
- ✗ B. Ribosome
- ✗ C. Nucleus
- ✓ D. Mitochondria

Question ID : **4410091708290**
Option 1 ID : **4410096737854**
Option 2 ID : **4410096737853**
Option 3 ID : **4410096737851**
Option 4 ID : **4410096737852**
Status : **Answered**
Chosen Option : **D**

Q.10 Which statement best describes the application of the Right Hand Thumb Rule to a straight current-carrying conductor?

Ans
- ✓ A. Thumb points in current direction, fingers curl in magnetic field direction
- ✗ B. Fingers point in current direction, thumb curls in magnetic field direction
- ✗ C. Thumb points in magnetic field direction, fingers curl in current direction
- ✗ D. Left hand is used for current, right for magnetic field

Question ID : **4410092046089**
Option 1 ID : **4410098056431**
Option 2 ID : **4410098056430**
Option 3 ID : **4410098056432**
Option 4 ID : **4410098056429**
Status : **Answered**
Chosen Option : **B**

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Q.11 A convex mirror has a radius of curvature of 50 cm. A parallel beam of light strikes the mirror. At what distance from the pole does the reflected beam appear to diverge?

Ans

✔ A. 25 cm behind the mirror

✘ B. 50 cm in front of the mirror

✘ C. 25 cm in front of the mirror

✘ D. 10 cm behind the mirror

Question ID : **4410092046406**
Option 1 ID : **4410098057694**
Option 2 ID : **4410098057695**
Option 3 ID : **4410098057696**
Option 4 ID : **4410098057693**
Status : **Answered**
Chosen Option : **C**

Q.12 A lens forms an image three times larger than the object. If the image is erect, what is the magnification?

Ans

✘ A. + 0.33

✘ B. -3

✘ C. -0.33

✔ D. + 3

Question ID : **4410092046366**
Option 1 ID : **4410098057534**
Option 2 ID : **4410098057535**
Option 3 ID : **4410098057536**
Option 4 ID : **4410098057533**
Status : **Answered**
Chosen Option : **B**

Q.13 A student is asked to calculate the formula unit mass of barium nitrate ($Ba(NO_3)_2$). What should be the student's first step ?

Ans

✘ A. Find the atomic number of barium

✘ B. Find the molecular mass of nitrate only

✘ C. Find the atomic mass of barium only

✔ D. Find the elements in the formula.

Question ID : **4410091560956**
Option 1 ID : **4410096166036**
Option 2 ID : **4410096166035**
Option 3 ID : **4410096166034**
Option 4 ID : **4410096166037**
Status : **Answered**
Chosen Option : **D**

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Q.14 Which statement best describes the difference between path length and displacement for an object moving in a straight line and returning to its starting point?

Ans

✗ A. Path length is always equal to displacement

✗ B. Displacement is greater than path length

✓ C. Path length is either equal to or greater than displacement

✗ D. Displacement is always negative

Question ID : **4410092046104**
Option 1 ID : **4410098056489**
Option 2 ID : **4410098056491**
Option 3 ID : **4410098056490**
Option 4 ID : **4410098056492**
Status : **Answered**
Chosen Option : **C**

Q.15 Which hormone controls the blood sugar level in the body?

Ans

✗ A. Adrenaline

✓ B. Insulin

✗ C. Thyroid hormone

✗ D. Growth hormone

Question ID : **4410092045312**
Option 1 ID : **4410098053332**
Option 2 ID : **4410098053331**
Option 3 ID : **4410098053333**
Option 4 ID : **4410098053330**
Status : **Answered**
Chosen Option : **B**

Q.16 Which quantity does linear velocity describe in the context of motion?

Ans

✗ A. The amount of force applied

✓ B. The rate of change of position along a straight path

✗ C. The total distance covered in all directions

✗ D. The direction of motion only

Question ID : **4410092046166**
Option 1 ID : **4410098056737**
Option 2 ID : **4410098056740**
Option 3 ID : **4410098056739**
Option 4 ID : **4410098056738**
Status : **Answered**
Chosen Option : **B**

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Q.17 Which of the following sequence **CORRECTLY** represents the movement of water in nature?

Ans
- ✗ A. Precipitation→ Runoff→ Evaporation
- ✗ B. Evaporation→ Precipitation→ Condensation
- ✓ C. Evaporation→ Condensation→ Precipitation
- ✗ D. Condensation→ Precipitation→ Evaporation

Question ID : **4410091982190**
Option 1 ID : **4410097807576**
Option 2 ID : **4410097807575**
Option 3 ID : **4410097807577**
Option 4 ID : **4410097807574**
Status : **Answered**
Chosen Option : **C**

Q.18 The cells of the cartilage are known as _____.

Ans
- ✗ A. Osteocytes
- ✗ B. Adipocytes
- ✗ C. Fibroblasts
- ✓ D. Chondrocytes

Question ID : **4410091392547**
Option 1 ID : **4410095499780**
Option 2 ID : **4410095499783**
Option 3 ID : **4410095499782**
Option 4 ID : **4410095499781**
Status : **Not Answered**
Chosen Option : **--**

Q.19 Salts of a strong acid and a strong base are generally:

Ans
- ✓ A. neutral
- ✗ B. basic
- ✗ C. acidic
- ✗ D. amphoteric

Question ID : **441009750123**
Option 1 ID : **4410092954362**
Option 2 ID : **4410092954363**
Option 3 ID : **4410092954364**
Option 4 ID : **4410092954365**
Status : **Answered**
Chosen Option : **D**

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Q.20 Which of the following does not exist as a diatomic molecule?

Ans
- ✗ A. Chlorine
- ✗ B. Hydrogen
- ✗ C. Nitrogen
- ✓ D. Sulphur

Question ID : **4410091038949**
Option 1 ID : **4410094105908**
Option 2 ID : **4410094105909**
Option 3 ID : **4410094105907**
Option 4 ID : **4410094105906**
Status : **Answered**
Chosen Option : **A**

Q.21 Epithelial tissue is separated from the underlying tissue by a fibrous extracellular layer known as:

Ans
- ✓ A. Basement membrane
- ✗ B. Cell wall
- ✗ C. Cytoplasm
- ✗ D. Connective matrix

Question ID : **4410091392575**
Option 1 ID : **4410095499900**
Option 2 ID : **4410095499901**
Option 3 ID : **4410095499903**
Option 4 ID : **4410095499902**
Status : **Answered**
Chosen Option : **A**

Q.22 If a sound wave has a wavelength of 0.5 m and travels at 250 m/s, what is its frequency?

Ans
- ✗ A. 125 Hz
- ✗ B. 1000 Hz
- ✓ C. 500 Hz
- ✗ D. 250 Hz

Question ID : **4410092045976**
Option 1 ID : **4410098055977**
Option 2 ID : **4410098055978**
Option 3 ID : **4410098055979**
Option 4 ID : **4410098055980**
Status : **Answered**
Chosen Option : **C**

Q.23 If two objects have the same velocity, which one will have more kinetic energy?

Ans
- ✗ A. The one with larger size
- ✓ B. The one with greater mass
- ✗ C. The one with a different shape
- ✗ D. The one with brighter color

Question ID : **4410092046031**
Option 1 ID : **4410098056197**
Option 2 ID : **4410098056198**
Option 3 ID : **4410098056200**
Option 4 ID : **4410098056199**
Status : **Answered**
Chosen Option : **B**

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Q.24 Marine organisms like phytoplankton use dissolved CO_2 in ocean water for the process of _____.

Ans

✗ A. Decomposition

✗ B. Combustion

✓ C. Photosynthesis

✗ D. Respiration

Question ID : **4410091982191**
Option 1 ID : **4410097807578**
Option 2 ID : **4410097807581**
Option 3 ID : **4410097807579**
Option 4 ID : **4410097807580**
Status : **Answered**
Chosen Option : **C**

Q.25 Which of the following CANNOT be separated by ordinary filtration?

Ans

✓ A. True solution

✗ B. Mixture of sand and water

✗ C. Suspension

✗ D. Colloidal solution

Question ID : **4410091076833**
Option 1 ID : **4410094244739**
Option 2 ID : **4410094244740**
Option 3 ID : **4410094244738**
Option 4 ID : **4410094244741**
Status : **Answered**
Chosen Option : **D**

Section : **Mathematics**

Q.26 In an election, Candidate A received 60% of the total votes while Candidate B received the remaining votes. If the total votes were 5,000, how many votes did Candidate B receive?

Ans

✗ A. 1,500

✗ B. 2,400

✓ C. 2,000

✗ D. 3,000

Question ID : **4410091988764**
Option 1 ID : **4410097832829**
Option 2 ID : **4410097832831**
Option 3 ID : **4410097832830**
Option 4 ID : **4410097832832**
Status : **Answered**
Chosen Option : **C**

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Q.27 The income of Raman is ₹12,000. He saves 27% of his income. If his income increases by 20% and expenditure increases by 15%, then his savings will:

Ans

✗ A. decrease by ₹1,089

✗ B. increase by ₹1,088

✓ C. increase by ₹1,086

✗ D. decrease by ₹1,085

Question ID : **441009562158**
Option 1 ID : **4410092203902**
Option 2 ID : **4410092203901**
Option 3 ID : **4410092203899**
Option 4 ID : **4410092203900**
Status : **Answered**
Chosen Option : **C**

Q.28 Simplify: (2x + 3y)(2x − 3y)

Ans

✗ A. $4x^2 + 6xy - 9y^2$

✓ B. $4x^2 - 9y^2$

✗ C. $4x^2 - 6xy - 9y^2$

✗ D. $4x^2 + 9y^2$

Question ID : **4410091075577**
Option 1 ID : **4410094239793**
Option 2 ID : **4410094239792**
Option 3 ID : **4410094239794**
Option 4 ID : **4410094239791**
Status : **Answered**
Chosen Option : **B**

Q.29 Kaushal travelled for 12 hours 55 minutes at the speed of 24 km/h. At what speed (in km/h) should he travel to cover the same distance in 5 hours?

Ans

✗ A. 60

✗ B. 65

✗ C. 61

✓ D. 62

Question ID : **441009545460**
Option 1 ID : **4410092137239**
Option 2 ID : **4410092137238**
Option 3 ID : **4410092137237**
Option 4 ID : **4410092137236**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.30 Find the mode of the following data: 2, 4, 4, 6, 7, 8, 4, 6, 7, 4, 4, 5, 6

Ans

✗ A. 2

✗ B. 7

✗ C. 6

✓ D. 4

Question ID : **4410091988119**
Option 1 ID : **4410097830248**
Option 2 ID : **4410097830247**
Option 3 ID : **4410097830245**
Option 4 ID : **4410097830246**
Status : **Answered**
Chosen Option : **D**

Q.31 What is the value of (6x + 9y), if the mean of the following distribution is 54?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	2	18	x	6	y	70

Ans

✗ A. 313

✓ B. 309

✗ C. 311

✗ D. 301

Question ID : **441009623502**
Option 1 ID : **4410092448142**
Option 2 ID : **4410092448140**
Option 3 ID : **4410092448141**
Option 4 ID : **4410092448143**
Status : **Answered**
Chosen Option : **B**

Q.32 The volume of a cube is equal to the volume of a cuboid whose length, breadth and height are in the ratio of 9:5:2. If the volume of the cube is 11,250 cm^3, find the total surface area of the cuboid.

Ans

✗ A. 3780 cm^2

✗ B. 3430 cm^2

✓ C. 3650 cm^2

✗ D. 3520 cm^2

Question ID : **4410091703869**
Option 1 ID : **4410096720569**
Option 2 ID : **4410096720566**
Option 3 ID : **4410096720568**
Option 4 ID : **4410096720567**
Status : **Answered**
Chosen Option : **C**

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Q.33 A man standing at a point on level ground observes the top of a vertical tower at an angle of elevation of 30°. He then walks straight towards the tower and finds that the angle of elevation of the top becomes 60°. If the height of the tower is 45 m, find the distance walked by the man.

Ans
✗ A. 60 m
✗ B. 30 m
✓ C. $30\sqrt{3}$ m
✗ D. $60\sqrt{3}$ m

Question ID : **441009601030**
Option 1 ID : **4410092359237**
Option 2 ID : **4410092359239**
Option 3 ID : **4410092359238**
Option 4 ID : **4410092359240**
Status : **Answered**
Chosen Option : **C**

Q.34 Rohit, Pallavi, and Simran invest ₹56,800, ₹36,200 and ₹48,600 in a garment business. If the total profit at the end of the year is ₹5,60,028, find Rohit's share of profit.

Ans
✗ A. ₹2,24,500
✓ B. ₹2,24,644
✗ C. ₹2,24,800
✗ D. ₹2,18,644

Question ID : **4410091730948**
Option 1 ID : **4410096826177**
Option 2 ID : **4410096826174**
Option 3 ID : **4410096826175**
Option 4 ID : **4410096826176**
Status : **Answered**
Chosen Option : **B**

Q.35 The product of two natural numbers is 1421. Their HCF is 7. Find the ratio of the LCM and HCF of the numbers.

Ans
✓ A. 29:1
✗ B. 27:1
✗ C. 23:7
✗ D. 29:7

Question ID : **4410091482361**
Option 1 ID : **4410095856424**
Option 2 ID : **4410095856426**
Option 3 ID : **4410095856425**
Option 4 ID : **4410095856423**
Status : **Answered**
Chosen Option : **D**

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Q.36 A man travels from P to Q at v km/h and returns at (v + 10) km/h. If the total time for the round trip is 9 hours and the distance between P and Q is 200 km, find v.

Ans

✔ A. 40 km/h

✘ B. 35 km/h

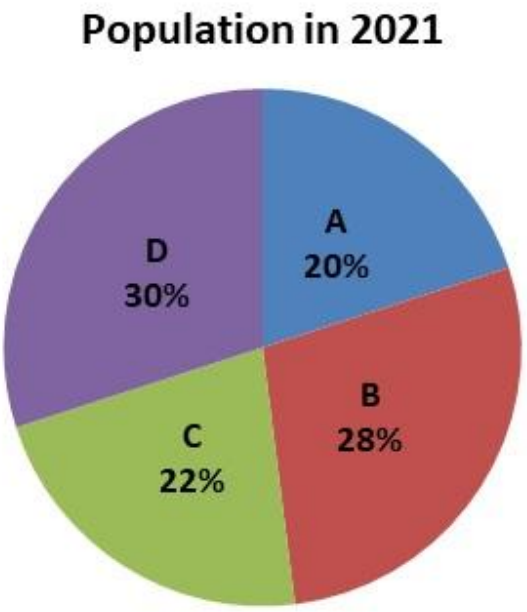
✘ C. 30 km/h

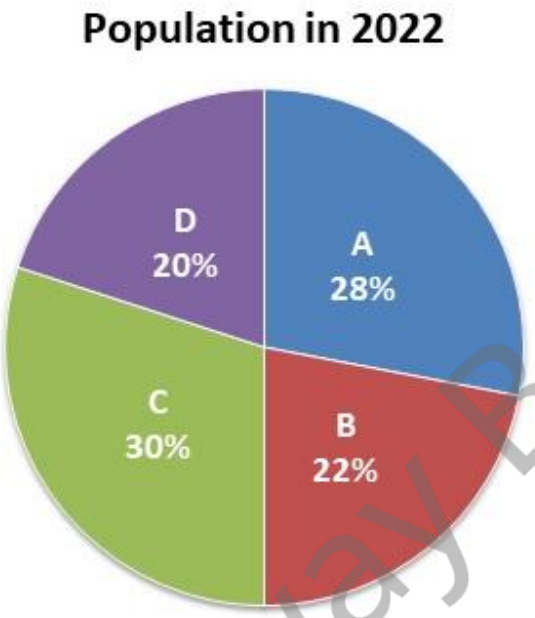
✘ D. 45 km/h

Question ID : **4410091464064**
Option 1 ID : **4410095784428**
Option 2 ID : **4410095784427**
Option 3 ID : **4410095784426**
Option 4 ID : **4410095784429**
Status : **Answered**
Chosen Option : **A**

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Q.37 The given pie-charts show the population of villages A, B, C and D (in percentage) in year 2021 and 2022. Total population in 2021 and 2022 is 2,80,000 and 2,75,000 respectively.





Find the ratio between the total population in village B and C together in 2021 to the total population in village C and D in 2022.

Ans
- ✔ A. 56:55
- ✘ B. 11:9
- ✘ C. 43:41
- ✘ D. 27:23

Question ID : **4410091516649**
Option 1 ID : **4410095990004**
Option 2 ID : **4410095990001**
Option 3 ID : **4410095990003**
Option 4 ID : **4410095990002**
Status : **Answered**
Chosen Option : **A**

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Q.38 Find the smallest number that should be added to 97306 to make it divisible by 6.

Ans

✗ A. 1

✗ B. 0

✗ C. 3

✓ D. 2

Question ID : **4410091462912**
Option 1 ID : **4410095779787**
Option 2 ID : **4410095779786**
Option 3 ID : **4410095779789**
Option 4 ID : **4410095779788**
Status : **Answered**
Chosen Option : **D**

Q.39 From a solid cube of side 24 cm, a cuboidal cavity of square cross-section of side 9 cm is hollowed along one surface from one edge to the opposite edge. What is the volume (in cm^3) of the remaining solid?

Ans

✓ A. 11880

✗ B. 13095

✗ C. 8640

✗ D. 12055

Question ID : **44100925521**
Option 1 ID : **441009101789**
Option 2 ID : **441009101787**
Option 3 ID : **441009101790**
Option 4 ID : **441009101788**
Status : **Answered**
Chosen Option : **B**

Q.40 If $\sin A = \frac{3}{5}$, and A is an acute angle, then the value of cosA is:

Ans

✓ A. $\frac{4}{5}$

✗ B. $\frac{1}{5}$

✗ C. $\frac{2}{5}$

✗ D. 1

Question ID : **441009602892**
Option 1 ID : **4410092366688**
Option 2 ID : **4410092366685**
Option 3 ID : **4410092366686**
Option 4 ID : **4410092366687**
Status : **Answered**
Chosen Option : **A**

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Q.41 If the population of a city was 42,500 and it grew at a rate of 2% per annum compounded annually, what would the population be after 2 years?

Ans
✗ A. 40,800
✗ B. 40,400
✓ C. 44,217
✗ D. 41,616

Question ID : **4410092028075**
Option 1 ID : **4410097985943**
Option 2 ID : **4410097985940**
Option 3 ID : **4410097985941**
Option 4 ID : **4410097985942**
Status : **Answered**
Chosen Option : **C**

Q.42 $\Delta ABC \sim \Delta PQR$ and AB:PQ = 7:9, then find the ratio of area of Δ.

Ans
✗ A. 49:18
✗ B. 45:18
✓ C. 49:81
✗ D. 49:27

Question ID : **441009602848**
Option 1 ID : **4410092366511**
Option 2 ID : **4410092366509**
Option 3 ID : **4410092366510**
Option 4 ID : **4410092366512**
Status : **Answered**
Chosen Option : **C**

Q.43 Arvind bought an article for ₹x. He sold it to Biru at a loss of 30%. Biru spent ₹130 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for ₹1,287, then what is the value of x?

Ans
✗ A. 1,022
✗ B. 1,044
✓ C. 1,040
✗ D. 1,072

Question ID : **441009537821**
Option 1 ID : **4410092106682**
Option 2 ID : **4410092106681**
Option 3 ID : **4410092106680**
Option 4 ID : **4410092106683**
Status : **Answered**
Chosen Option : **C**

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Q.44 A certain sum amounts to ₹31,944 at a compound interest rate of 15% per annum in 2 years, with interest compounded every 8 months. What will be the amount payable (in ₹) on the same sum at the same rate and for the same time, if the interest is compounded yearly?

Ans
- ✗ A. 33,001
- ✗ B. 32,510
- ✗ C. 32,113
- ✓ D. 31,740

Question ID : **441009573563**
Option 1 ID : **4410092249375**
Option 2 ID : **4410092249373**
Option 3 ID : **4410092249374**
Option 4 ID : **4410092249372**
Status : **Answered**
Chosen Option : **D**

Q.45 What is the value that must be assigned to A so that the 8-digit number 378A6070 is divisible by 18?

Ans
- ✓ A. 5
- ✗ B. 6
- ✗ C. 3
- ✗ D. 8

Question ID : **441009560193**
Option 1 ID : **4410092196039**
Option 2 ID : **4410092196041**
Option 3 ID : **4410092196040**
Option 4 ID : **4410092196042**
Status : **Answered**
Chosen Option : **A**

Q.46 A and B together can complete a work in 2 days. If A works for 1 day and B works for 4 days, the work is completed. How long would B alone take to complete the work?

Ans
- ✗ A. 4 days
- ✗ B. 10 days
- ✗ C. 8 days
- ✓ D. 6 days

Question ID : **4410091622543**
Option 1 ID : **4410096408948**
Option 2 ID : **4410096408951**
Option 3 ID : **4410096408950**
Option 4 ID : **4410096408949**
Status : **Answered**
Chosen Option : **D**

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Q.47 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 23% and 92%, shop II allows successive discounts of 88% and 47%, shop III allows successive discounts of 11% and 28% and shop IV allows successive discounts of 63%, 76% and 86% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. III
- ✓ B. IV
- ✗ C. II
- ✗ D. I

Question ID : **441009536895**
Option 1 ID : **4410092102977**
Option 2 ID : **4410092102976**
Option 3 ID : **4410092102978**
Option 4 ID : **4410092102979**
Status : **Answered**
Chosen Option : **B**

Q.48 The average age of 90 students in a class is 21 years. The average age of 30 of them is 23 years, and that of another 30 is 25 years. What is the average age of the remaining students?

Ans
- ✓ A. 15 years
- ✗ B. 14 years
- ✗ C. 17 years
- ✗ D. 18 years

Question ID : **4410091972408**
Option 1 ID : **4410097768776**
Option 2 ID : **4410097768778**
Option 3 ID : **4410097768777**
Option 4 ID : **4410097768779**
Status : **Answered**
Chosen Option : **A**

Q.49 Two numbers are in the ratio 4:7. If the larger number is decreased by 10 and the smaller number is increased by 10, the numbers become equal. What is the original larger number?

Ans
- ✗ A. $48\frac{3}{5}$
- ✗ B. $42\frac{1}{3}$
- ✗ C. $44\frac{2}{5}$
- ✓ D. $46\frac{2}{3}$

Question ID : **4410092017266**
Option 1 ID : **4410097943178**
Option 2 ID : **4410097943175**
Option 3 ID : **4410097943176**
Option 4 ID : **4410097943177**
Status : **Answered**
Chosen Option : **D**

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Q.50 Find the simple interest (in ₹) on a sum of ₹500 borrowed for 3.5 years at a rate of interest of 16% per annum.

Ans
✔ A. 280
✘ B. 260
✘ C. 380
✘ D. 330

Question ID : **441009852742**
Option 1 ID : **4410093363940**
Option 2 ID : **4410093363942**
Option 3 ID : **4410093363943**
Option 4 ID : **4410093363941**
Status : **Answered**
Chosen Option : **A**

Section : **General Intelligence and Reasoning**

Q.51 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

2 ÷ 1 + 6 × 3 − 2 = ?

Ans
✘ A. 8
✘ B. 6
✔ C. 2
✘ D. 4

Question ID : **441009926096**
Option 1 ID : **4410093658455**
Option 2 ID : **4410093658454**
Option 3 ID : **4410093658452**
Option 4 ID : **4410093658453**
Status : **Answered**
Chosen Option : **C**

Q.52 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

QSR−VXW
PRQ−UWV

Ans
✔ A. BDC−GIH
✘ B. BCA−GIH
✘ C. BCA−FHG
✘ D. BDC−FIG

Question ID : **441009820988**
Option 1 ID : **4410093238075**
Option 2 ID : **4410093238077**
Option 3 ID : **4410093238078**
Option 4 ID : **4410093238076**
Status : **Answered**
Chosen Option : **A**

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Q.53 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in question?
(NOTE – A two/three digit number cannot be broken into individual digits for operations, e.g., if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits.)
6 – 10 – 17 – 25 ; 8 – 12 – 21 – 29

Ans
✔ A. 10 – 14 – 25 – 33
✘ B. 9 – 13 – 29 – 37
✘ C. 13 – 9 – 15 – 23
✘ D. 7 – 11 – 19 – 11

Question ID : **441009590032**
Option 1 ID : **4410092315243**
Option 2 ID : **4410092315241**
Option 3 ID : **4410092315244**
Option 4 ID : **4410092315242**
Status : **Answered**
Chosen Option : **A**

Q.54 Gaurav starts from Point A and drives 22 km towards the north. He then takes a right turn, drives 11 km, turns right and drives 25 km. He then takes a right turn and drives 17 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✘ A. 5 km to the west
✔ B. 6 km to the east
✘ C. 6 km to the west
✘ D. 5 km to the east

Question ID : **4410091567496**
Option 1 ID : **4410096191299**
Option 2 ID : **4410096191296**
Option 3 ID : **4410096191297**
Option 4 ID : **4410096191298**
Status : **Answered**
Chosen Option : **B**

Q.55 In a certain code language, ‘space is less’ is coded as ‘du vc kt’ and ‘less than ten’ is coded as ‘rg mq vc’. How is ‘less’ coded in that language? (All the codes are two-letter codes only.)

Ans
✔ A. vc
✘ B. du
✘ C. rg
✘ D. kt

Question ID : **4410091573980**
Option 1 ID : **4410096216689**
Option 2 ID : **4410096216692**
Option 3 ID : **4410096216690**
Option 4 ID : **4410096216691**
Status : **Answered**
Chosen Option : **A**

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Q.56 This question is based on the given words.

(LEFT) VOW GAP CUT BID (RIGHT)

How many letters are there between the first letter of the second word from the right and the second letter of the first word from the left as per the English alphabetical order?

Ans
✗ A. 12
✓ B. 11
✗ C. 14
✗ D. 10

Question ID : **4410091466592**
Option 1 ID : **4410095794329**
Option 2 ID : **4410095794327**
Option 3 ID : **4410095794330**
Option 4 ID : **4410095794328**
Status : **Answered**
Chosen Option : **B**

Q.57 Each letter in the word BLARING is changed to the letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be third from the right in the new group of letters thus formed?

Ans
✗ A. F
✗ B. J
✓ C. M
✗ D. K

Question ID : **441009804318**
Option 1 ID : **4410093171396**
Option 2 ID : **4410093171397**
Option 3 ID : **4410093171398**
Option 4 ID : **4410093171395**
Status : **Answered**
Chosen Option : **C**

Q.58 Refer to the following letter, symbol series and answer the question.

(Left) H W % G # W @ W A % F & H + M ? & D # (Right)

If all the letters are dropped from the series, which of the following will be seventh from the right?

Ans
✗ A. +
✗ B. $
✓ C. @
✗ D. &

Question ID : **441009803880**
Option 1 ID : **4410093169643**
Option 2 ID : **4410093169646**
Option 3 ID : **4410093169644**
Option 4 ID : **4410093169645**
Status : **Answered**
Chosen Option : **C**

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Q.59 If + means ×, – means ÷, × means +, and ÷ means –, then what will come in place of the question mark (?) in the following equation?

55 – 5 + 6 × 2 ÷ 4 = ?

Ans
✔ A. 64
✘ B. 66
✘ C. 68
✘ D. 70

Question ID : **4410091306018**
Option 1 ID : **4410095156013**
Option 2 ID : **4410095156014**
Option 3 ID : **4410095156015**
Option 4 ID : **4410095156016**
Status : **Answered**
Chosen Option : **A**

Q.60 Aman ranked 46th from the top and 70th from the bottom in his class. How many students are there in his class?

Ans
✘ A. 114
✘ B. 113
✔ C. 115
✘ D. 116

Question ID : **4410091608135**
Option 1 ID : **4410096351470**
Option 2 ID : **4410096351469**
Option 3 ID : **4410096351468**
Option 4 ID : **4410096351471**
Status : **Answered**
Chosen Option : **C**

Q.61 What should come in place of the question mark (?) in the given series?

49 65 97 145 209 ?

Ans
✘ A. 279
✘ B. 294
✔ C. 289
✘ D. 284

Question ID : **4410091983890**
Option 1 ID : **4410097814127**
Option 2 ID : **4410097814126**
Option 3 ID : **4410097814125**
Option 4 ID : **4410097814128**
Status : **Answered**
Chosen Option : **C**

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Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HLK JNM LPO NRQ ?

Ans
✗ A. PSR
✓ B. PTS
✗ C. PUR
✗ D. PQS

Question ID : **4410091486513**
Option 1 ID : **4410095872473**
Option 2 ID : **4410095872471**
Option 3 ID : **4410095872472**
Option 4 ID : **4410095872474**
Status : **Answered**
Chosen Option : **B**

Q.63 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ A. YQ – SK
✗ B. TL – NF
✗ C. WO – QI
✓ D. ME – HA

Question ID : **441009790591**
Option 1 ID : **4410093116366**
Option 2 ID : **4410093116363**
Option 3 ID : **4410093116365**
Option 4 ID : **4410093116364**
Status : **Answered**
Chosen Option : **D**

Q.64 N is mother of O. O is wife of P. P is brother of Q. How is N related to Q?

Ans
✗ A. Sister's Husband's Mother
✓ B. Brother's Wife's Mother
✗ C. Brother's Wife
✗ D. Wife's Mother

Question ID : **4410091411339**
Option 1 ID : **4410095574380**
Option 2 ID : **4410095574377**
Option 3 ID : **4410095574379**
Option 4 ID : **4410095574378**
Status : **Answered**
Chosen Option : **B**

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Q.65 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
No one sits to the left of E. Only three people sit between E and Q. Only three people sit to the right of O. D sits to the immediate left of O. P is not an immediate neighbor of O.
How many people sit between P and C?

Ans
✔ A. One
✘ B. None
✘ C. Two
✘ D. Three

Question ID : **441009787832**
Option 1 ID : **4410093105328**
Option 2 ID : **4410093105327**
Option 3 ID : **4410093105329**
Option 4 ID : **4410093105330**
Status : **Answered**
Chosen Option : **A**

Q.66 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

VYU−XAW
RUQ−TWS

Ans
✘ A. XAW−YCX
✔ B. XAW−ZCY
✘ C. XZU−ZCY
✘ D. XZU−YBX

Question ID : **441009820987**
Option 1 ID : **4410093238072**
Option 2 ID : **4410093238071**
Option 3 ID : **4410093238073**
Option 4 ID : **4410093238074**
Status : **Answered**
Chosen Option : **B**

Q.67 Refer to the given letter series and answer the question that follows. Counting to be done from left to right.

(Left) O E O D J G R E Y Z N A L F V G I X O E X B (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✔ A. 3
✘ B. 5
✘ C. 2
✘ D. 4

Question ID : **4410091001202**
Option 1 ID : **4410093956633**
Option 2 ID : **4410093956632**
Option 3 ID : **4410093956635**
Option 4 ID : **4410093956634**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.68 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ A. ND - RH
✗ B. CL - GP
✗ C. QK - UO
✓ D. AS - EX

Question ID : **441009980102**
Option 1 ID : **4410093872918**
Option 2 ID : **4410093872919**
Option 3 ID : **4410093872920**
Option 4 ID : **4410093872921**
Status : **Answered**
Chosen Option : **D**

Q.69 This question is based on the given words.

(Left) ION APT ILK ASH (Right)

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✓ A. Three
✗ B. One
✗ C. Two
✗ D. Four

Question ID : **441009813460**
Option 1 ID : **4410093207964**
Option 2 ID : **4410093207966**
Option 3 ID : **4410093207965**
Option 4 ID : **4410093207963**
Status : **Answered**
Chosen Option : **A**

Q.70 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 Sticks, U, R, N, S and T each having a different height, which Stick is the tallest?
(I) N is taller than only one Stick. S is shorter than R but taller than U
(II) S is taller than T

Ans
✗ A. Both statements I and II together are NOT sufficient to answer the question
✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not
✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
✓ D. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.

Question ID : **4410091332911**
Option 1 ID : **4410095263237**
Option 2 ID : **4410095263238**
Option 3 ID : **4410095263239**
Option 4 ID : **4410095263236**
Status : **Answered**
Chosen Option : **D**

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Q.71 If ‘A’ stands for ‘÷’, ‘B’ stands for ‘×’, ‘C’ stands for ‘+’ and ‘D’ stands for ‘−’, what will come in place of the question mark (?) in the following equation?

207 D 14 B 6 C 105 A 5 = ?

Ans
✗ A. 183
✓ B. 144
✗ C. 168
✗ D. 165

Question ID : **441009555024**
Option 1 ID : **4410092175410**
Option 2 ID : **4410092175413**
Option 3 ID : **4410092175411**
Option 4 ID : **4410092175412**
Status : **Answered**
Chosen Option : **B**

Q.72 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
14 - 182 - 728 ;
17 - 221 - 884

Ans
✗ A. 20 - 260 - 980
✓ B. 15 - 195 - 780
✗ C. 11 - 143 - 578
✗ D. 13 - 169 - 667

Question ID : **4410091989956**
Option 1 ID : **4410097837567**
Option 2 ID : **4410097837568**
Option 3 ID : **4410097837565**
Option 4 ID : **4410097837566**
Status : **Answered**
Chosen Option : **B**

Q.73 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: IKN :: OQT : %

Ans
✗ A. # = CEH , % = UMK
✓ B. # = CEH , % = UWZ
✗ C. # = CEH , % = UDR
✗ D. # = CEH , % = UGT

Question ID : **441009754944**
Option 1 ID : **4410092973770**
Option 2 ID : **4410092973769**
Option 3 ID : **4410092973772**
Option 4 ID : **4410092973771**
Status : **Answered**
Chosen Option : **B**

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Q.74 In a certain code language
'A + B' means A is the wife of B,
'A – B' means A is the husband of B,
'A / B' means A is the sister of B,
'A ! B' means A is the brother of B,
'A × B' means A is the mother of B and
'A * B' means A is the father of B.

How is C related to L if A – C × P ! L * Q?

Ans
✗ A. Daughter
✓ B. Mother
✗ C. Son
✗ D. Father

Question ID : **441009754935**
Option 1 ID : **4410092973736**
Option 2 ID : **4410092973733**
Option 3 ID : **4410092973735**
Option 4 ID : **4410092973734**
Status : **Answered**
Chosen Option : **B**

Q.75 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week, starting from Monday and ending on Sunday. R has an exam on one of the days after Thursday but not on Saturday. Only two people have an exam between R and Q. V has an exam immediately before Q. As many people have an exam before V as after U. P has an exam immediately before T. More than two people have an exam between T and S. Who has an exam on Tuesday?

Ans
✗ A. Q
✗ B. P
✓ C. T
✗ D. V

Question ID : **441009786795**
Option 1 ID : **4410093101180**
Option 2 ID : **4410093101179**
Option 3 ID : **4410093101182**
Option 4 ID : **4410093101181**
Status : **Answered**
Chosen Option : **C**

Q.76 A, D, F, G, H and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
S lives on an even numbered floor but not 6. The sum of floors on which A and S live is 9. The sum of floors on which S and H live is 5. D lives immediately below F. What is the sum of floors on which D and F live?

Ans
✗ A. 6
✗ B. 7
✗ C. 4
✓ D. 5

Question ID : **4410091462436**
Option 1 ID : **4410095777856**
Option 2 ID : **4410095777857**
Option 3 ID : **4410095777855**
Option 4 ID : **4410095777854**
Status : **Answered**
Chosen Option : **D**

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Q.77 Refer to the following number, symbol series and answer the question (all numbers are single digit numbers only)

(Left) 8 @ 4 # ! + 3 & # 9 % & # 4 7 ! 9 # 3 $ 6 + @ 1 (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
✗ A. 1
✗ B. 6
✓ C. 9
✗ D. 3

Question ID : **441009795721**
Option 1 ID : **4410093136886**
Option 2 ID : **4410093136884**
Option 3 ID : **4410093136885**
Option 4 ID : **4410093136883**
Status : **Answered**
Chosen Option : **C**

Q.78 In a certain code language, 'POTS' is coded as '7462' and 'OILY' is coded as '9536'. How is 'O' coded in that language?

Ans
✗ A. 9
✓ B. 6
✗ C. 4
✗ D. 3

Question ID : **4410091484370**
Option 1 ID : **4410095864392**
Option 2 ID : **4410095864389**
Option 3 ID : **4410095864391**
Option 4 ID : **4410095864390**
Status : **Answered**
Chosen Option : **B**

Q.79 Seven people, A, B, C, D, E, F, and G, are sitting in a row, facing the north.
Only two people sit to the right of B. F sits to the immediate left of D. Only two people sit between B and D. C sits to the immediate right of A. G sits to the immediate left of E.
E sits at one of the extreme ends of the row.
Who is sitting third from the left end of the row?

Ans
✗ A. C
✗ B. F
✗ C. D
✓ D. A

Question ID : **4410091603286**
Option 1 ID : **4410096332342**
Option 2 ID : **4410096332340**
Option 3 ID : **4410096332341**
Option 4 ID : **4410096332343**
Status : **Answered**
Chosen Option : **D**

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Q.80 Each vowel in the word OLYMPICS is changed to the vowel immediately following it as per the English alphabetical order and each consonant is changed to the fourth letter preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. What will be the 3rd letter from the right end in the new letter-cluster thus formed?

Ans
- ✗ A. M
- ✗ B. T
- ✗ C. Y
- ✓ D. U

Question ID : **4410098077 14**
Option 1 ID : **4410093184979**
Option 2 ID : **4410093184981**
Option 3 ID : **4410093184980**
Option 4 ID : **4410093184982**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

Q.81 Which of the following organisations, in collaboration with the Aeronautical Development Agency and Hindustan Aeronautics Limited, successfully conducted a high-speed rocket-sled test of a fighter aircraft escape system at controlled velocity in December 2025?

Ans
- ✗ A. Defence Institute of Advanced Technology
- ✗ B. Tata Advanced Systems
- ✗ C. Indian Space Research Organisation
- ✓ D. Defence Research and Development Organisation

Question ID : **4410091673237**
Option 1 ID : **4410096602938**
Option 2 ID : **4410096602941**
Option 3 ID : **4410096602939**
Option 4 ID : **4410096602940**
Status : **Answered**
Chosen Option : **A**

Q.82 Which national examination body was in the news due to the NEET-UG 2026 controversy and subsequent key appointments by the Centre?

Ans
- ✗ A. Union Public Service Commission
- ✗ B. National Medical Commission
- ✓ C. National Testing Agency
- ✗ D. University Grants Commission

Question ID : **4410092013002**
Option 1 ID : **4410097926658**
Option 2 ID : **4410097926656**
Option 3 ID : **4410097926657**
Option 4 ID : **4410097926655**
Status : **Answered**
Chosen Option : **C**

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Q.83 Under which initiative was the Ayush Anudan Portal launched by the Ministry of Ayush in May 2026 to strengthen digital governance and transparency in grant management?

Ans

✗ A. National Ayush Network Initiative

✗ B. Digital Ayush Mission

✓ C. Ayush Grid Initiative

✗ D. Ayush Governance Programme

Question ID : **4410092008586**
Option 1 ID : **4410097909624**
Option 2 ID : **4410097909623**
Option 3 ID : **4410097909622**
Option 4 ID : **4410097909625**
Status : **Not Answered**
Chosen Option : **--**

Q.84 The sixth edition of the Khelo India Winter Games held in 2026 was organised in which Union Territory of India?

Ans

✗ A. Chandigarh

✗ B. Lakshadweep

✗ C. Puducherry

✓ D. Ladakh

Question ID : **4410092065995**
Option 1 ID : **4410098133431**
Option 2 ID : **4410098133430**
Option 3 ID : **4410098133433**
Option 4 ID : **4410098133432**
Status : **Answered**
Chosen Option : **D**

Q.85 The book "Uttarkashi: Saumya Kashi: The Soul of Himalayan Heritage", along with two other publications, was released during which national event held in New Delhi in 2026?

Ans

✗ A. World Heritage Day

✗ B. National Youth Day

✗ C. World Book and Copyright Day

✓ D. National Panchayati Raj Day

Question ID : **4410092065633**
Option 1 ID : **4410098132088**
Option 2 ID : **4410098132086**
Option 3 ID : **4410098132087**
Option 4 ID : **4410098132089**
Status : **Answered**
Chosen Option : **A**

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Q.86 Which country made history in May 2026 by becoming the first African nation in 24 years to host the BWF World Junior Championships?

Ans

✗ A. Kenya

✗ B. Morocco

✗ C. South Africa

✓ D. Egypt

Question ID : **4410092008792**
Option 1 ID : **4410097910444**
Option 2 ID : **4410097910445**
Option 3 ID : **4410097910443**
Option 4 ID : **4410097910442**
Status : **Not Answered**
Chosen Option : **--**

Q.87 Which leader was sworn in as the Chief Minister of West Bengal after the 2026 Assembly elections?

Ans

✗ A. Mukul Roy

✓ B. Suvendu Adhikari

✗ C. Dilip Ghosh

✗ D. Abhishek Banerjee

Question ID : **4410092008757**
Option 1 ID : **4410097910305**
Option 2 ID : **4410097910303**
Option 3 ID : **4410097910304**
Option 4 ID : **4410097910302**
Status : **Answered**
Chosen Option : **B**

Q.88 Which architect received the Pritzker Architecture Prize in March 2026?

Ans

✗ A. David Chipperfield

✗ B. Anne Lacaton

✓ C. Smiljan Radić Clarke

✗ D. Francis Kéré

Question ID : **4410092008783**
Option 1 ID : **4410097910407**
Option 2 ID : **4410097910409**
Option 3 ID : **4410097910406**
Option 4 ID : **4410097910408**
Status : **Not Answered**
Chosen Option : **--**

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Q.89 Which of these technology modules enables the 'third-generation fire-and-forget man-portable anti-tank guided missile' (MPATGM)—which successfully underwent flight testing in January 2026—to accurately track targets during both day and night?

Ans
✗ A. Doppler Laser Ranging Transceiver
✓ B. Imaging Infrared Homing Seeker
✗ C. Barometric Plasma Pressure Sensor
✗ D. Magnetic Flux Compass Aligner

Question ID : **4410092008439**
Option 1 ID : **4410097909035**
Option 2 ID : **4410097909034**
Option 3 ID : **4410097909036**
Option 4 ID : **4410097909037**
Status : **Not Answered**
Chosen Option : **--**

Q.90 According to Reserve Bank of India guidelines, which of the following security mechanisms was made mandatory for all digital payments from 1 April 2026?

Ans
✗ A. Single-factor Password Authentication
✗ B. QR Code-only Verification
✓ C. Two-Factor Authentication
✗ D. OTP-only Verification

Question ID : **4410092009190**
Option 1 ID : **4410097912033**
Option 2 ID : **4410097912032**
Option 3 ID : **4410097912030**
Option 4 ID : **4410097912031**
Status : **Not Answered**
Chosen Option : **--**

Q.91 On World Water Day 2026 at the United Nations, India reiterated its position regarding the suspension of which long-standing water-sharing agreement with Pakistan?

Ans
✗ A. Ganga Water Treaty
✗ B. Teesta River Agreement
✗ C. Mahakali Treaty
✓ D. Indus Waters Treaty

Question ID : **4410092008993**
Option 1 ID : **4410097911246**
Option 2 ID : **4410097911249**
Option 3 ID : **4410097911247**
Option 4 ID : **4410097911248**
Status : **Answered**
Chosen Option : **D**

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Q.92 In which city did the Defence Research and Development Organisation (DRDO) showcase its advanced technologies during the exhibition held from 15–18 April 2026?

Ans
✗ A. Patna
✗ B. Gaya
✗ C. Bhagalpur
✓ D. Motihari

Question ID : **4410092009232**
Option 1 ID : **4410097912198**
Option 2 ID : **4410097912199**
Option 3 ID : **4410097912201**
Option 4 ID : **4410097912200**
Status : **Answered**
Chosen Option : **A**

Q.93 Under the Mission Shakti Scheme (March 2026 update), what type of approach is adopted to strengthen women's safety, security, and empowerment?

Ans
✗ A. Market-driven approach
✗ B. Technology-only approach
✓ C. Holistic and victim-centric approach
✗ D. Industry-centric approach

Question ID : **4410092009248**
Option 1 ID : **4410097912262**
Option 2 ID : **4410097912265**
Option 3 ID : **4410097912263**
Option 4 ID : **4410097912264**
Status : **Answered**
Chosen Option : **C**

Q.94 In February 2026, the Government of India launched which long-term sports development framework through the Union Budget 2026–27 to strengthen India's sports ecosystem?

Ans
✗ A. Fit India Movement programme
✗ B. TOPS Development initiative
✗ C. Olympic Vision programme
✓ D. Khelo India Mission framework

Question ID : **4410092008897**
Option 1 ID : **4410097910863**
Option 2 ID : **4410097910864**
Option 3 ID : **4410097910865**
Option 4 ID : **4410097910862**
Status : **Answered**
Chosen Option : **D**

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Q.95 Who was posthumously awarded the Padma Vibhushan, India's second-highest civilian award, at the Civil Investiture Ceremony in May 2026?

Ans

✗ A. Piyush Pandey

✗ B. Dr. N. Rajam

✗ C. Uday Kotak

✓ D. Dharmendra Singh Deol

Question ID : **4410092008732**
Option 1 ID : **4410097910205**
Option 2 ID : **4410097910203**
Option 3 ID : **4410097910202**
Option 4 ID : **4410097910204**
Status : **Answered**
Chosen Option : **B**

Q.96 Union Budget 2026–27 allocated ₹20,000 crore over five years to support CCUS. What does the letter "S" stand for in CCUS?

Ans

✗ A. Supply

✗ B. Security

✗ C. Sustainability

✓ D. Storage

Question ID : **4410092009192**
Option 1 ID : **4410097912041**
Option 2 ID : **4410097912038**
Option 3 ID : **4410097912039**
Option 4 ID : **4410097912040**
Status : **Not Answered**
Chosen Option : **--**

Q.97 India achieved which record milestone after winning the ICC U-19 World Cup 2026 final against England in Harare, Zimbabwe?

Ans

✓ A. Sixth U-19 World Cup title

✗ B. Fifth U-19 World Cup title

✗ C. First U-19 World Cup title

✗ D. Third U-19 World Cup title

Question ID : **4410092077244**
Option 1 ID : **4410098177388**
Option 2 ID : **4410098177386**
Option 3 ID : **4410098177389**
Option 4 ID : **4410098177387**
Status : **Not Answered**
Chosen Option : **--**

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Q.98 India had signed a Memorandum of Understanding (MoU) in February 2026 to strengthen cooperation in forests, wildlife, biodiversity conservation, and climate change with which country?

Ans
- ✗ A. Bangladesh
- ✓ B. Nepal
- ✗ C. Bhutan
- ✗ D. Sri Lanka

Question ID : **4410092008551**
Option 1 ID : **4410097909484**
Option 2 ID : **4410097909482**
Option 3 ID : **4410097909483**
Option 4 ID : **4410097909485**
Status : **Answered**
Chosen Option : **C**

Q.99 Which state government announced in its 2026-27 budget that social media will be banned for children below the age of 16 years?

Ans
- ✗ A. Madhya Pradesh
- ✗ B. Kerala
- ✓ C. Karnataka
- ✗ D. Gujarat

Question ID : **4410092108864**
Option 1 ID : **4410098302255**
Option 2 ID : **4410098302256**
Option 3 ID : **4410098302257**
Option 4 ID : **4410098302258**
Status : **Answered**
Chosen Option : **C**

Q.100 The peace declaration signed by Thailand and Cambodia on 26 October 2025, on the sidelines of the 47th ASEAN Summit, to resolve their border conflict is commonly known by which name?

Ans
- ✗ A. The Treaty of Jakarta
- ✗ B. The Bangkok Declaration
- ✓ C. The Kuala Lumpur Peace Accords
- ✗ D. The Phnom Penh Agreement

Question ID : **4410092009009**
Option 1 ID : **4410097911310**
Option 2 ID : **4410097911312**
Option 3 ID : **4410097911311**
Option 4 ID : **4410097911313**
Status : **Not Answered**
Chosen Option : **--**

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सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	09/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **निम्नलिखित में से कौन-सी, कीट-परागित पुष्पों की अभिलाक्षणिक विशेषता नहीं है?**

Ans

✗ A. कीटों को आकर्षित करने वाली चमकीले रंग की पंखुड़ियाँ

✓ B. बहुत बड़ी संख्या में हल्के और छोटे पराग कणों का उत्पादन

✗ C. कीटों से पराग प्राप्त करने के लिए अनुकूलित चिपचिपा वर्तिकाग्र

✗ D. परागकों को आकर्षित करने के लिए मकरंद और सुगंध का उत्पादन

Q.2 **कौन-सा कथन जंतु ऊतकों की तुलना में पादप ऊतकों की ऊर्जा आवश्यकता का सही रूप से वर्णन करता है?**

Ans

✗ A. ऊर्जा के लिए पादप श्वसन नहीं करते हैं

✓ B. पादपों को सामान्यत: जंतुओं की तुलना में कम ऊर्जा की आवश्यकता होती है

✗ C. पादपों को जंतुओं की तुलना में अधिक ऊर्जा की आवश्यकता होती है

✗ D. पादप ऊतकों को ऊर्जा की बिल्कुल आवश्यकता नहीं होती है

Q.3 **एक गेंद को किसी मेज के किनारे पर और फिर केंद्र में रखा जाता है। मेज की ऊंचाई अपरिवर्तित रहती है। दोनों स्थितियों में गेंद की गुरुत्वीय स्थितिज ऊर्जा में क्या अंतर होगा?**

Ans

✗ A. गेंद की गति के साथ उसकी स्थितिज ऊर्जा में लगातार परिवर्तन होता रहता है

✓ B. स्थितिज ऊर्जा दोनों स्थितियों में समान होती है

✗ C. केंद्र की तुलना में किनारे पर स्थितिज ऊर्जा उच्चतर होती है

✗ D. केंद्र की तुलना में किनारे पर स्थितिज ऊर्जा निम्नतर होती है

Q.4 **Why are saturated hydrocarbons less reactive than unsaturated hydrocarbons?**

Ans

✗ A. They contain oxygen.

✗ B. They are aromatic.

✗ C. They have double bonds.

✓ D. Their single bonds are strong.

Q.5 **Two uniform wires made of the same material, having the same length, and maintained at the same temperature are compared. Which factor will cause one wire to have greater electrical resistance than the other?**

Ans

✗ A. Higher cross-sectional area

✗ B. Larger electric current

✓ C. Smaller cross-sectional area

✗ D. Higher voltage

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Q.6 दिया गया है:
- P, Q को उसके लवण विलयन से विस्थापित करता है,
- R, S को उसके लवण विलयन से विस्थापित करता है,
- Q, R को उसके लवण विलयन से विस्थापित करता है,
- S किसी अन्य धातु को प्रतिस्थापित नहीं कर सकता है;
इनमें से कौन-सी धातु सबसे अधिक अभिक्रियाशील है?

Ans
✔ A. P
✘ B. R
✘ C. S
✘ D. Q

Q.7 यदि बोहर के मॉडल के अनुसार किसी परमाणु की परमाणु संख्या 15 और द्रव्यमान संख्या 31 है, तो उसमें उपस्थित न्यूट्रॉनों की संख्या कितनी है?

Ans
✘ A. न्यूट्रॉनों की संख्या 31 है
✘ B. न्यूट्रॉनों की संख्या 15 है
✘ C. न्यूट्रॉनों की संख्या 30 है
✔ D. न्यूट्रॉनों की संख्या 16 है

Q.8 किस प्रकार के प्रदूषक मुख्य रूप से जैविक आवर्धन के लिए उत्तरदायी होते हैं?

Ans
✘ A. अपघटनशील प्रदूषक (Decomposable pollutants)
✘ B. तापीय प्रदूषक (Thermal pollutants)
✘ C. रव प्रदूषक (Noise pollutants)
✔ D. अजैवनिम्नीकरणीय प्रदूषक (Non-biodegradable pollutants)

Q.9 जब एक गतिमान कार रुक जाती है, तो उसकी गतिज ऊर्जा का क्या होता है?

Ans
✘ A. यह दोगुनी हो जाती है
✔ B. यह शून्य हो जाती है
✘ C. यह समान रहती है
✘ D. यह ऋणात्मक हो जाती है

Q.10 निम्नलिखित में से कौन-सा, एकसमान चाल से गतिमान किसी वस्तु के लिए दूरी-समय ग्राफ की आकृति का सर्वोत्तम वर्णन करता है?

Ans
✘ A. परिवर्ती ढाल वाली एक सीधी रेखा
✘ B. एक क्षैतिज सीधी रेखा
✔ C. नियत ढाल वाली एक सीधी रेखा
✘ D. ऊपर की ओर एक वक्रित रेखा

Q.11 एक पर्यावरण वैज्ञानिक अवलोकन करता है कि वैश्विक पवनें (global winds) भूमध्य रेखा से ध्रुवों की ओर चलती हैं। कौन-सी प्रक्रिया इस पैटर्न की सर्वोत्तम व्याख्या करती है?

Ans
✘ A. पृथ्वी का घूर्णन भूमध्य रेखा पर पवन की दिशा को उलट देता है
✘ B. महासागरीय धाराएँ वायुसंहति की तुलना में तेज़ी से ऊष्मा स्थानांतरित करती हैं
✔ C. असमान तापन के कारण अक्षांशों के बीच ताप में अंतर उत्पन्न होता है
✘ D. वर्षा का स्तर पवन की दिशा निर्धारित करता है

Q.12 संगम तिनई वर्गीकरण और पवित्र उपवनों ने जैव-विविधता के संरक्षण में किस प्रकार सहायता की?

Ans
✘ A. उन्होंने कृषि उत्पादन में वृद्धि की
✘ B. उन्होंने विदेशी प्रजातियों को पेश किया
✔ C. उन्होंने स्थानीय रूप से विविध आवासों को संरक्षित किया
✘ D. उन्होंने सभी भारतीय प्रजातियों को वर्गीकृत किया

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Q.13 निम्नलिखित में से कौन-सा, खाद्य श्रृंखला को सटीक रूप से दर्शाता है?

Ans
- ✔ A. घास → हिरण → बाघ
- ✘ B. बाघ → घास → हिरण
- ✘ C. घास → बाघ → हिरण
- ✘ D. हिरण → घास → बाघ

Q.14 जब एथेनॉल को 170°C पर अत्यधिक सांद्र सल्फ्यूरिक अम्ल के साथ गर्म किया जाता है, तो क्या होता है?

Ans
- ✔ A. निर्जलन के फलस्वरूप एथीन बनता है
- ✘ B. कार्बन डाइऑक्साइड मुक्त होती है
- ✘ C. गैस के रूप में मेथेन बनता है
- ✘ D. एथेनॉइक अम्ल बनता है

Q.15 Which statement is correct regarding physical and chemical changes?

Ans
- ✘ A. Physical changes form new substances
- ✘ B. All physical changes are irreversible
- ✘ C. All changes in solutions are chemical
- ✔ D. Chemical changes alter composition

Q.16 अभिकथन (A) और कारण (R) नामक दिए गए कथनों को ध्यानपूर्वक पढ़िए और सही विकल्प का चयन कीजिए।

(A): जब अम्ल, धातु कार्बोनेट के साथ अभिक्रिया करते हैं, तो कार्बन डाइऑक्साइड गैस बनती है।
(R): धातु कार्बोनेट क्षारीय प्रकृति के होते हैं और अम्लों को उदासीन करके लवण, जल और CO_2 बनाते हैं।

Ans
- ✔ A. A और R दोनों सत्य हैं तथा R, A की सही व्याख्या है।
- ✘ B. A सत्य है, लेकिन R असत्य है।
- ✘ C. A और R दोनों सत्य हैं, लेकिन R, A की सही व्याख्या नहीं है।
- ✘ D. A असत्य है, लेकिन R सत्य है।

Q.17 कौन-सी संरचना वृक्कों को मूत्राशय से जोड़ती है?

Ans
- ✔ A. मूत्रवाहिनी (Ureter)
- ✘ B. मूत्रमार्ग (Urethra)
- ✘ C. श्रोणि (Pelvis)
- ✘ D. आशय (Bladder)

Q.18 एक कार विरामावस्था से चलना प्रारंभ करती है और 5 सेकंड के लिए 2 m/s^2 के एकसमान त्वरण से त्वरित होती है। इस समयांतराल में कार द्वारा तय की गई दूरी कितनी है?

Ans
- ✘ A. 50 मीटर
- ✔ B. 25 मीटर
- ✘ C. 10 मीटर
- ✘ D. 20 मीटर

Q.19 यदि एक विद्यार्थी, ऐलुमिनियम सल्फेट का रासायनिक सूत्र लिखना चाहता है, जिसमें दो ऐलुमिनियम परमाणु, तीन सल्फर परमाणु और बारह ऑक्सीजन परमाणु हैं, तो सही सूत्र क्या है?

Ans
- ✘ A. Al_2SO_4
- ✔ B. $Al_2(SO_4)_3$
- ✘ C. $Al_3(SO_4)_2$
- ✘ D. $Al(SO_4)_3$

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Q.20 यदि किसी बल्ब का फिलामेंट 10 मिनट तक 0.5 A की धारा कर्षित करता है, तो परिपथ से प्रवाहित कुल आवेश कितना है?

Ans

✗ A. 0.05 कूलॉम

✓ B. 300 कूलॉम

✗ C. 30 कूलॉम

✗ D. 60 कूलॉम

Q.21 गोलीय दर्पण के लिए नई कार्तीय चिह्न परिपाटी के अनुसार, यदि वस्तु दर्पण के सामने स्थित हो, तो वस्तु दूरी के लिए कौन-सा चिह्न निर्धारित किया जाता है?

Ans

✓ A. ऋणात्मक चिह्न निर्धारित किया जाता है

✗ B. धनात्मक चिह्न निर्धारित किया जाता है

✗ C. परिवर्ती चिह्न निर्धारित किया जाता है

✗ D. कोई चिह्न निर्धारित नहीं किया जाता है

Q.22 What happens when blood passes through the alveolar capillaries in the lungs?

Ans

✗ A. Both gases remain unchanged in the circulating blood

✗ B. Carbon dioxide enters blood and oxygen moves into alveoli

✓ C. Oxygen enters blood and carbon dioxide moves into alveoli

✗ D. Oxygen and carbon dioxide both enter the bloodstream from alveoli

Q.23 अपवर्तित किरण प्रिज्म के अंदर _____ मुड़ जाती है।

Ans

✗ A. आधार के लंबवत

✓ B.
प्रिज्म के आधार की ओर

✗ C.
आधार से दूर

✗ D.
आधार के अनुदिश

Q.24 सक्रियता श्रेणी में नीचे रखी गई धातुएं, जैसे कॉपर और मर्करी, किस प्रकार निष्कर्षित की जाती हैं?

Ans

✗ A. अधिक अभिक्रियाशील धातुओं का उपयोग करके विस्थापन

✗ B. उच्च तापमान पर कार्बन के साथ अपचयन

✗ C. उनके पिघले हुए अयस्कों के विद्युत-अपघटन

✓ D. सल्फाइड अयस्कों को ऑक्साइडों में बदलने के लिए वायु में भर्जन, उसके बाद गर्म करके

Q.25 स्पष्ट दृष्टि के लिए प्रकाश को एक विशिष्ट बिंदु पर फोकस करने के लिए कौन-सा अनुप्रयोग अपवर्तन का उपयोग करता है?

Ans

✗ A. सूर्य के प्रकाश को विभक्त करने वाला कांच का प्रिज्म

✗ B. प्रतिबिंबों को परावर्तित करने वाला समतल दर्पण

✗ C.
किसी वस्तु के पीछे बनी छाया

✓ D. अपनी आकृति को समायोजित करने वाला मानव नेत्र लेंस

Section : **Mathematics**

Q.26 पाइप A किसी टंकी को 3 घंटे में भर सकता है और पाइप B उसी टंकी को 12 घंटे में भर सकता है तथा पाइप C उसी टंकी को 12 घंटे में भर सकता है। यदि सभी पाइपों को एक साथ खोल दिया जाए तो उसी टंकी का आधा हिस्सा भरने में उन्हें कितना समय (घंटों में) लगेगा?

Ans

✗ A. 4

✗ B. 3

✓ C. 1

✗ D. 2

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Q.27 किसी संवृत बेलन का वक्र पृष्ठीय क्षेत्रफल 440 cm^2 है और इसका संपूर्ण पृष्ठीय क्षेत्रफल 748 cm^2 है। बेलन की ऊँचाई ज्ञात कीजिए।

($\pi = \frac{22}{7}$ का उपयोग कीजिए)

Ans
- ✗ A. 8 cm
- ✗ B. 5 cm
- ✗ C. 12 cm
- ✓ D. 10 cm

Q.28 प्रवीण के पास ₹1,701 हैं, जिन्हें वह अपने दो पुत्रों, ऋषि और शान के बीच बाँट देता है। वह उनसे अपने संबंधित हिस्सों को वार्षिक रूप से संयोजित होने वाले 10% वार्षिक चक्रवृद्धि ब्याज दर पर निवेश करने के लिए कहता है। यह देखा गया है कि 18 वर्षों के बाद ऋषि का निवेश, 19 वर्षों के बाद शान के निवेश के बराबर है। प्रवीण द्वारा ऋषि को दी गई धनराशि (₹ में) ज्ञात कीजिए।

Ans
- ✗ A. 910
- ✓ B. 891
- ✗ C. 810
- ✗ D. 741

Q.29 If $\cot^2(2\eta) = 3$, 2η is an acute angle, then what is the value of 5η?

Ans
- ✗ A. 30°
- ✓ B. 75°
- ✗ C. 50°
- ✗ D. 15°

Q.30 किसी धनराशि पर 8% वार्षिक दर से 2 वर्षों में अर्जित चक्रवृद्धि ब्याज ₹166.40 है जहां ब्याज वार्षिक रूप से संयोजित होता है। धनराशि (₹ में) ज्ञात कीजिए।

Ans
- ✗ A. 1,100
- ✓ B. 1,000
- ✗ C. 1,200
- ✗ D. 1,500

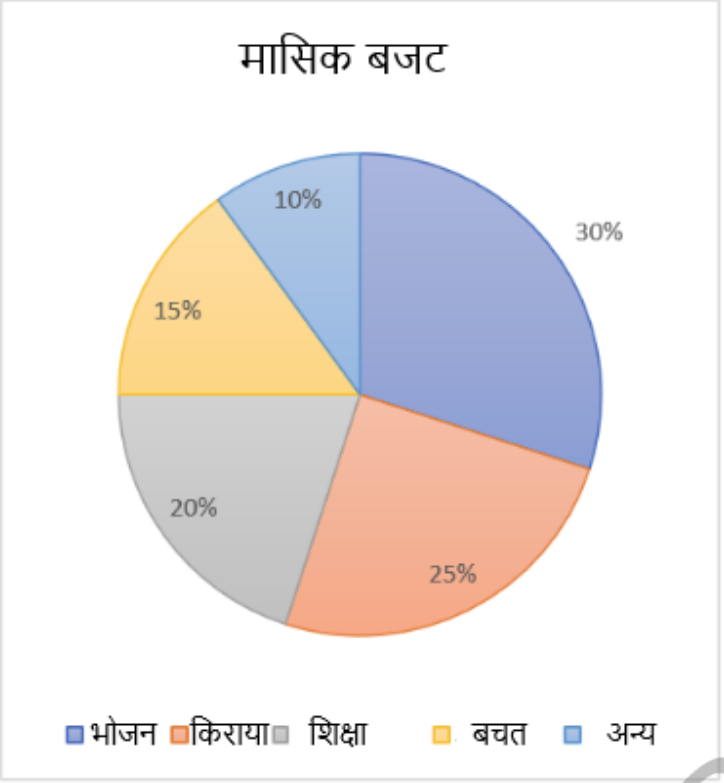
Q.31 ईंधन की कीमत क्रमागत तीन महीनों में क्रमिक रूप से 10%, 20% और 15% घटती है। चौथे महीने में कीमत 40% बढ़ जाती है। चौथे महीने के अंत में ईंधन की कीमत में मूल कीमत की तुलना में कुल प्रतिशत कमी ज्ञात कीजिए।

Ans
- ✓ A. 14.32%
- ✗ B. 15.33%
- ✗ C. 13.42%
- ✗ D. 12.65%

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Q.32 एक परिवार का मासिक बजट ₹48,000 है, जिसे भोजन, किराया, शिक्षा, बचत और अन्य खर्चों में विभाजित किया गया है। यदि वे अगले महीने कुल बजट में कोई परिवर्तन किए बिना अपनी बचत को 20% बढ़ाना चाहते हैं, तो वर्तमान महीने की तुलना में अगले महीने उन्हें कितनी अतिरिक्त बचत की आवश्यकता होगी?



Ans
- ✔ A. ₹2,400
- ✘ B. ₹2,800
- ✘ C. ₹3,000
- ✘ D. ₹2,000

Q.33 A tree standing on level ground is broken by a storm. The broken part bends and touches the ground, making an angle of 30° with the ground. The distance between the foot of the tree and the point where the top of the tree touches the ground is 12 m. Find the original height of the tree.

Ans
- ✘ A. $18\sqrt{2}$ m
- ✘ B. $18\sqrt{3}$ m
- ✘ C. $12\sqrt{2}$ m
- ✔ D. $12\sqrt{3}$ m

Q.34 चार दुकानों I, II, III और IV पर एक कुकर का अंकित मूल्य समान है। दुकान I द्वारा उस पर 19% और 59% की दो क्रमिक छूट, दुकान II द्वारा 11% और 94% की क्रमिक छूट, दुकान III द्वारा 25% और 70% की क्रमिक छूट तथा दुकान IV द्वारा 96%, 44% और 25% की क्रमिक छूट दी जाती है। कौन-सी दुकान सबसे कम मूल्य पर कुकर बेच रही है?

Ans
- ✘ A. I
- ✘ B. II
- ✔ C. IV
- ✘ D. III

Q.35 क्रमशः 240 m और 280 m लंबी दो ट्रेनें समांतर पटरियों पर एक-दूसरे की ओर गतिमान हैं, एक 70 km/hr की चाल से तथा दूसरी की 74 km/hr की चाल से चल रही है। ज्ञात कीजिए कि एक-दूसरे को पार करने में उन्हें कितना समय (सेकंड में) लगेगा?

Ans
- ✔ A. 13
- ✘ B. 14
- ✘ C. 16
- ✘ D. 12

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Q.36 AB is the diameter of a circle with centre O. From a point X on its circumference, a perpendicular XY is dropped on AB such that it intersects AB at Y. If BY = 5 cm and XY = 7 cm, what is the circumference (in cm) of the circle?

Ans
✗ A. $\frac{37}{5}\pi$
✗ B. $\frac{67}{7}\pi$
✓ C. $\frac{74}{5}\pi$
✗ D. $\frac{47}{8}\pi$

Q.37 7-अंकों की संख्या 22A675B, 3 से विभाज्य है। (A + B) का न्यूनतम मान ज्ञात कीजिए।

Ans
✗ A. 7
✗ B. 6
✗ C. 4
✓ D. 2

Q.38 किसी आंकड़ा समुच्चय का माध्य और बहुलक क्रमशः 40.3 और 74.9 हैं। मूलानुपाती सूत्र का उपयोग करके, आंकड़ों की माध्यिका ज्ञात कीजिए। (दशमलव के एक स्थान तक पूर्णांकित कीजिए)

Ans
✗ A. 52.8
✗ B. 51.2
✗ C. 52.9
✓ D. 51.8

Q.39 रमन की आय ₹83,000 है। वह अपनी आय का 16% बचत करता है। यदि उसकी आय में 22% की वृद्धि होती है और व्यय में 25% की वृद्धि होती है, तो उसकी बचत में _____ होगी।

Ans
✗ A. ₹827 की वृद्धि
✓ B. ₹830 की वृद्धि
✗ C. ₹828 की कमी
✗ D. ₹833 की कमी

Q.40 6 cm त्रिज्या और 14 cm ऊंचाई वाला एक शंकाकार गिलास पानी से पूरी तरह भरा हुआ है। 3 cm त्रिज्या और 7 cm ऊंचाई वाला एक छोटा शंकाकार पत्थर, गिलास में डाला जाता है, जिससे कुछ पानी अधिप्रवाह हो जाता है। गिलास में बचे पानी की मात्रा ज्ञात कीजिए।
$\left(\text{Take } \pi = \frac{22}{7}\right)$

Ans
✓ A. 0.462 लीटर
✗ B. 0.653 लीटर
✗ C. 0.708 लीटर
✗ D. 0.512 लीटर

Q.41 तीन मित्रों, A, B और C के व्यय का अनुपात 2 : 3 : 5 है। यदि कुल व्यय ₹2,000 है, तो B का हिस्सा ज्ञात कीजिए।

Ans
✗ A. ₹500
✗ B. ₹700
✓ C. ₹600
✗ D. ₹550

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Q.42 यदि $a - b = 9$ तथा $ab = 13$ है, तो $a^3 - b^3$ का मान ज्ञात कीजिए।

Ans
- ✗ A. 1,020
- ✓ B. 1,080
- ✗ C. 1,040
- ✗ D. 1,060

Q.43 किसी आँकड़ा समुच्चय के माध्य और माध्यिका का अनुपात 9:8 है। मध्यम विषम बंटनों के लिए मूलानुपाती सूत्र का उपयोग करके माध्यिका और बहुलक का अनुपात ज्ञात कीजिए।

Ans
- ✗ A. 3 : 2
- ✓ B. 4 : 3
- ✗ C. 2 : 3
- ✗ D. 1 : 3

Q.44 यदि 12.8, 6.4, x और 1.6 समानुपात में हैं, तो x का मान ज्ञात कीजिए।

Ans
- ✓ A. 3.2
- ✗ B. 2.8
- ✗ C. 2.4
- ✗ D. 3.6

Q.45 Which of the following statements is always true?

Ans
- ✓ A. Two consecutive integers are always coprime.
- ✗ B. Two even numbers are always coprime.
- ✗ C. Multiples of the same number are always coprime.
- ✗ D. Two prime numbers are never coprime.

Q.46 A, B, C, D और E की औसत आयु 55 वर्ष है। A और B की औसत आयु 45 वर्ष है तथा C और D की औसत आयु 57 वर्ष है। E की आयु ज्ञात कीजिए।

Ans
- ✗ A. 66 वर्ष
- ✓ B. 71 वर्ष
- ✗ C. 68 वर्ष
- ✗ D. 76 वर्ष

Q.47 उधार ली गई ₹500 की धनराशि पर 8% वार्षिक ब्याज दर से 3.5 वर्षों के लिए साधारण ब्याज (₹ में) ज्ञात कीजिए।

Ans
- ✗ A. 190
- ✓ B. 140
- ✗ C. 120
- ✗ D. 240

Q.48 रमेश दो एकसमान वाशिंग मशीन खरीदता है। वह एक को 20% लाभ पर और दूसरी को 10% हानि पर बेचता है। यदि दोनों मशीनों का कुल विक्रय मूल्य ₹33,600 था, तो प्रत्येक वाशिंग मशीन का क्रय मूल्य ज्ञात कीजिए।

Ans
- ✗ A. ₹16,800
- ✗ B. ₹15,800
- ✓ C. ₹16,000
- ✗ D. ₹18,000

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Q.49 एक नाव धारा की दिशा में 48 km की दूरी 3 घंटे में तय कर सकती है और धारा की विपरीत दिशा में उतनी ही दूरी 4 घंटे में तय कर सकती है। यदि नाव इन चालों से धारा की दिशा में 15 km जाती है, फिर 30 मिनट तक विरामावस्था में रहती है और फिर धारा की विपरीत दिशा में 15 km वापस आती है, तो इस पूरी यात्रा को पूरा करने में नाव द्वारा लिया गया कुल समय (विरामावस्था समय सहित) ज्ञात कीजिए।

Ans
- ✗ A. 2 h 11 min 15 s
- ✓ B. 2 h 41 min 15 s
- ✗ C. 3 h 11 min 15 s
- ✗ D. 2 h 56 min 15 s

Q.50 यदि $43^{0.92} = x$, $43^{0.69} = y$ और $x^z = y^6$ दिया गया है, तो z का मान ज्ञात कीजिए।

Ans
- ✗ A. 6.5
- ✗ B. 3.5
- ✗ C. 5.5
- ✓ D. 4.5

Section : **General Intelligence and Reasoning**

Q.51 सात विद्यार्थी I, J, K, P, Q, R और Z एक गोल मेज के परितः केंद्र की ओर अभिमुख होकर बैठे हैं। I और R दोनों का निकटतम पड़ोसी Q है। P, Q के बाईं ओर तीसरे स्थान पर बैठा है। R, Z के बाईं ओर दूसरे स्थान पर बैठा है। J, P का निकटतम पड़ोसी नहीं है।
K के दाईं ओर दूसरे स्थान पर कौन बैठा है?

Ans
- ✗ A. R
- ✓ B. Q
- ✗ C. J
- ✗ D. I

Q.52 दी गई अक्षर और प्रतीक श्रृंखला का संदर्भ लीजिए तथा दिए गए प्रश्न का उत्तर दीजिए।

(बाएं) R T % & V B M > < Y P L + A # ^ & ? A S P I % + E # A @ Q B T G & + % C ? (दाएं)

यदि श्रृंखला से सभी प्रतीकों को हटा दिया जाए, तो निम्नलिखित में से कौन-सा दाईं ओर से पांचवें स्थान पर होगा?

Ans
- ✓ A. Q
- ✗ B. B
- ✗ C. Y
- ✗ D. M

Q.53 This question is based on the given words.

(LEFT) KIT ZIP ODD RAM (RIGHT)

How many letters are there between the third letter of the third word from the right and the first letter of the first word from the left as per the English alphabetical order?

Ans
- ✗ A. 5
- ✗ B. 7
- ✗ C. 3
- ✓ D. 4

Q.54 यदि शब्द GAUCHOS के प्रत्येक अक्षर को विपरीत वर्णमाला क्रम में व्यवस्थित किया जाए, तो कितने अक्षरों का स्थान अपरिवर्तित रहेगा?

Ans
- ✗ A. एक
- ✗ B. तीन
- ✓ C. एक का भी नहीं
- ✗ D. दो

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Q.55 निम्नलिखित में से किस अक्षर-समूह द्वारा # और % को प्रतिस्थापित किया जाना चाहिए ताकि :: के बाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किया गया पैटर्न और संबंध, :: के दाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किए गए पैटर्न और संबंध के समान हो?
: HIL :: LMP : %

Ans
✗ A. # = ZCF , % = TUX
✗ B. # = ZAD , % = TTY
✗ C. # = ZAC , % = STW
✓ D. # = ZAD , % = TUX

Q.56 अंग्रेजी वर्णानुक्रम पर आधारित, निम्नलिखित चार अक्षर-समूह युग्मों में से तीन किसी निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा अक्षर-समूह युग्म, उस ग्रुप से संबंधित नहीं है? (नोटः असंगत अक्षर-समूह युग्म, व्यंजनों/स्वरों की संख्या या उनकी स्थिति पर आधारित नहीं है।)

Ans
✓ A. LV - KU
✗ B. QI - OG
✗ C. SY - QW
✗ D. JG - HE

Q.57 दी गई श्रृंखला में प्रश्न-चिह्न (?) के स्थान पर क्या आना चाहिए?

35 42 56 77 105 ?

Ans
✗ A. 136
✗ B. 138
✗ C. 142
✓ D. 140

Q.58 एक प्रश्न के बाद (I) और (II) क्रमांकित दो कथन दिए गए हैं। आपको तय करना है कि वाक्यों में दी गई जानकारी प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। दोनों कथनों को पढ़कर उपयुक्त उत्तर का चयन कीजिए।

At, Bn, Cg, Dv और Es एक गोल मेज़ के परितः केंद्र की ओर अभिमुख होकर बैठे हैं। Dv के ठीक दाएं पड़ोस में कौन बैठा है?
(I) At, Dv और Es का निकटतम पड़ोसी है। Cg, Bn के ठीक दाएं पड़ोस में बैठा है।
(II) Es, Cg और At का निकटतम पड़ोसी है। Dv, Es के दाएं ओर दूसरे स्थान पर बैठा है।

Ans
✗ A. कथन I का डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन II का डेटा पर्याप्त नहीं है
✓ B. कथन II का डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन I का डेटा पर्याप्त नहीं है
✗ C. कथन I और II दोनों का डेटा, प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है
✗ D. कथन I और II दोनों (और केवल कथन I या कथन II नहीं) प्रश्न का उत्तर देने के लिए पर्याप्त हैं

Q.59 Q, R, W, T, E, U और Y में से प्रत्येक की परीक्षा सोमवार से शुरू होकर रविवार को समाप्त होने वाले एक ही सप्ताह के अलग-अलग दिन है। E की परीक्षा मंगलवार को है। E और T के बीच ठीक 3 व्यक्तियों की परीक्षा है। W की परीक्षा Y से ठीक पहले है और U की परीक्षा Y के ठीक बाद है। W और Q के बीच केवल 1 व्यक्ति की परीक्षा है। T के ठीक बाद किसकी परीक्षा है?

Ans
✗ A. T
✓ B. R
✗ C. U
✗ D. W

Q.60 अंग्रेजी वर्णमाला क्रम के आधार पर, निम्नलिखित चार अक्षर-समूह युग्मों में से तीन एक निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा, उस ग्रुप से संबंधित नहीं है? (नोट: असंगत अक्षर-समूह, व्यंजनों/स्वरों की संख्या या उनकी स्थिति पर आधारित नहीं है)

Ans
✗ A. HP – NV
✗ B. CK – IQ
✓ C. FN – KS
✗ D. GO – MU

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Q.61 संख्या 789245361 के प्रत्येक अंक को बाएं से दाएं आरोही क्रम में व्यवस्थित किया जाता है। मूल संख्या की तुलना में कितने अंकों की स्थिति अपरिवर्तित रहेगी?

Ans
✗ A. एक
✗ B. तीन
✗ C. दो
✓ D. एक की भी नहीं

Q.62 यदि + का अर्थ - है, - का अर्थ × है, × का अर्थ ÷ है और ÷ का अर्थ + है, तो निम्नलिखित समीकरण में प्रश्न चिह्न (?) के स्थान पर क्या आएगा?
37 - 3 ÷ 5 + 18 × 6 = ?

Ans
✗ A. 109
✗ B. 104
✗ C. 101
✓ D. 113

Q.63 दिए गए कथनों और निष्कर्षों को ध्यानपूर्वक पढ़िए। यह मानते हुए कि कथनों में दी गई जानकारी सत्य है, भले ही वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होती हो, तय कीजिए कि दिए गए निष्कर्षों में से कौन-से निष्कर्ष कथनों का तार्किक रूप से अनुसरण करते हैं।
कथन: सभी कालीन, जूते हैं। सभी पेन, जूते हैं।
निष्कर्ष (I): कुछ कालीन, पेन हैं।
निष्कर्ष (II): कुछ जूते, पेन हैं।

Ans
✗ A. न तो निष्कर्ष I और न ही II अनुसरण करता है
✗ B. निष्कर्ष I और II दोनों अनुसरण करते हैं
✓ C. केवल निष्कर्ष II अनुसरण करता है
✗ D. केवल निष्कर्ष I अनुसरण करता है

Q.64 यह प्रश्न निम्नलिखित शब्दों पर आधारित है।

(बाएं) JOG VOW GYM DEW (दाएं)

दाएं से पहले शब्द के दूसरे अक्षर और बाएं से पहले शब्द के दूसरे अक्षर के बीच अंग्रेजी वर्णमाला क्रम के अनुसार कितने अक्षर हैं?

Ans
✗ A. 12
✗ B. 10
✗ C. 8
✓ D. 9

Q.65 अभिषेक बिंदु A से ड्राइव करना शुरू करता है और उत्तर दिशा में 13 km ड्राइव करता है। फिर वह दाएँ मुड़ता है, 6 km ड्राइव करता है, फिर दाएँ मुड़कर 15 km ड्राइव करता है। इसके बाद वह दाएँ मुड़ता है और 8 km ड्राइव करता है। अंत में वह दाएँ मुड़ता है, 2 km ड्राइव करता है और बिंदु P पर रुक जाता है। बिंदु A पर वापस पहुँचने के लिए उसे कितनी दूरी (न्यूनतम दूरी) और किस दिशा में ड्राइव करना चाहिए? (जब तक विनिर्दिष्ट न किया गया हो, सभी मोड़ केवल 90 डिग्री के मोड़ हैं।)

Ans
✗ A. 2 km, पश्चिम की ओर
✗ B. 3 km, पश्चिम की ओर
✓ C. 2 km, पूर्व की ओर
✗ D. 3 km, पूर्व की ओर

Q.66 नीचे दी गई संख्या और प्रतीक शृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। सभी संख्याएं केवल एकल-अंकीय संख्याएं हैं।

(बाएं) 5 & % 6 9 @ 4 $ 7 & 8 Ω 2 # 1 * £ 5 (दाएं)

यदि सभी प्रतीकों को शृंखला से हटा दिया जाए, तो निम्नलिखित में से कौन-सा दाएं से सातवाँ होगा?

Ans
✓ A. 9
✗ B. 6
✗ C. 2
✗ D. 4

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Q.67 एक निश्चित कूट भाषा में,
A + B का अर्थ है कि 'A, B का भाई है',
A – B का अर्थ है कि 'A, B का पुत्र है',
A × B का अर्थ है कि 'A, B का पति है', और
A ÷ B का अर्थ है कि 'A, B की पुत्री है'।

यदि 'P + Q – R × S ÷ T' है, तो P का T से क्या संबंध है?

Ans
✗ A. पुत्र
✓ B. पुत्री का पुत्र
✗ C. पुत्री की पुत्री
✗ D. पुत्र का पुत्र

Q.68 एक निश्चित तर्क के अनुसार, 22 का संबंध 474 से है। उसी तर्क के अनुसार, 25 का संबंध 615 से है। उसी तर्क के अनुसार, 29 का संबंध दिए गए विकल्पों में से किससे है?
(नोट: संख्याओं को उनके घटक अंकों में तोड़े बिना, संक्रियाएँ केवल पूर्ण संख्याओं पर की जानी चाहिए। उदाहरण के लिए, 13 लीजिए - 13 पर संक्रियाएँ, जैसे 13 में जोड़ना/घटाना/गुणा करना, की जा सकती हैं। 13 को 1 और 3 में तोड़ना तथा फिर 1 और 3 पर गणितीय संक्रियाएँ करने की अनुमति नहीं है।)

Ans
✗ A. 821
✗ B. 851
✗ C. 841
✓ D. 831

Q.69 अंग्रेजी वर्णमाला क्रम के आधार पर, एक निश्चित तरीके से FGHK का संबंध IJKN से है। उसी प्रकार, RSTW का संबंध UVWZ से है। समान तर्क का अनुसरण करते हुए, ABCF का संबंध दिए गए विकल्पों में से किससे है?

Ans
✗ A. DFIE
✓ B. DEFI
✗ C. FEDI
✗ D. FIDE

Q.70 D, F, G, H, J, K और L एक गोल मेज के परित: केंद्र की ओर अभिमुख होकर बैठे हैं।
L के दाईं ओर से गिनने पर, L और H के बीच ठीक तीन व्यक्ति बैठे हैं। F, H के बाईं ओर से दूसरे स्थान पर बैठा है। J, G के ठीक बाईं ओर पड़ोस में बैठा है। K, H का निकटतम पड़ोसी नहीं है। F के बाईं ओर से गिनने पर, G और F के बीच कितने व्यक्ति बैठे हैं?

Ans
✗ A. 1
✓ B. 2
✗ C. 3
✗ D. 4

Q.71 यदि संख्या 4751236 में, प्रत्येक सम अंक में 3 जोड़ा जाए और प्रत्येक विषम अंक में 2 जोड़ा जाए, तो इस प्रकार बनी नई संख्या में पहले अंक और अंतिम अंक का योगफल कितना होगा?

Ans
✓ A. 16
✗ B. 14
✗ C. 18
✗ D. 12

Q.72 सात डिब्बों A, B, C, D, U, V और W को एक के ऊपर एक रखा गया है, लेकिन जरूरी नहीं कि वे इसी क्रम में रखे गए हों। V के नीचे केवल दो डिब्बों को रखा गया है। C के ऊपर केवल एक डिब्बा रखा गया है। C और B के बीच केवल एक डिब्बा रखा गया है। W को U के ठीक ऊपर रखा गया है। D को A के नीचे किसी एक स्थान पर रखा गया है। A और W के बीच कितने डिब्बों को रखा गया है?

Ans
✓ A. चार
✗ B. तीन
✗ C. दो
✗ D. एक

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Q.73 शब्द FUTILE के प्रत्येक अक्षर को अंग्रेजी वर्णमाला क्रम में उसके ठीक बाद वाले अक्षर से बदल दिया जाता है और फिर इस प्रकार बनने वाले सभी अक्षरों को अंग्रेजी वर्णमाला क्रम में व्यवस्थित किया जाता है। इस प्रकार बनने वाले अक्षरों के नए समूह में निम्नलिखित में से कौन-सा अक्षर, दाएं से चौथे स्थान पर होगा?

Ans
- ✔ A. J
- ✘ B. F
- ✘ C. V
- ✘ D. U

Q.74 अंग्रेजी वर्णमाला क्रम के आधार पर, एक निश्चित तरीके से NLIP का संबंध TROV से है। उसी प्रकार, JHEL का संबंध PNKR से है। समान तर्क का अनुसरण करते हुए, RPMT का संबंध निम्नलिखित में से किससे है?

Ans
- ✔ A. XVSZ
- ✘ B. VXZS
- ✘ C. XVZS
- ✘ D. VXSZ

Q.75 किसी निश्चित कूट भाषा में "HSAL" को "35" और "WHKC" को "40" के रूप में कूटबद्ध किया जाता है। दी गई भाषा में "OJDZ" का कूट क्या होगा?

Ans
- ✘ A. 55
- ✔ B. 50
- ✘ C. 49
- ✘ D. 58

Q.76 एक निश्चित कूट भाषा में,
A + B का अर्थ है 'A, B की माता है',
A – B का अर्थ है 'A, B का भाई है',
A × B का अर्थ है 'A, B की पत्नी है',
A % B का अर्थ है 'A, B का पिता है' और
A # B का अर्थ है 'A, B की पुत्री है'।

यदि 'Pv + Df # Ly % Gi × Kt' हो, तो Pv का Kt से क्या संबंध है?

Ans
- ✘ A. बहन का पति
- ✔ B. पत्नी की माता
- ✘ C. पत्नी की बहन
- ✘ D. पुत्री का पति

Q.77 निम्न अक्षर शृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। गिनती बाएँ से दाएँ की जानी चाहिए।

(बाएँ) W Z A F U V L A K I D O T U V Q U S P O P D (दाएँ)

ऐसे कितने स्वर हैं, जिनमें से प्रत्येक के ठीक पहले एक व्यंजन है और ठीक बाद में भी एक व्यंजन है?

Ans
- ✘ A. 7
- ✔ B. 8
- ✘ C. 10
- ✘ D. 9

Q.78 अंग्रेजी वर्णमाला क्रम के आधार पर दी गई शृंखला में प्रश्नचिह्न (?) के स्थान पर क्या आएगा?

SUQ MOK GIE ACY ?

Ans
- ✔ A. UWS
- ✘ B. UVX
- ✘ C. UXR
- ✘ D. UVR

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Q.79 एक निश्चित तर्क का अनुसरण करते हुए, 19 का संबंध 58 से है। उसी तर्क का अनुसरण करते हुए, 31 का संबंध 94 से है। समान तर्क का अनुसरण करते हुए, 43 का संबंध दिए गए विकल्पों में से किससे है? (नोट: संख्याओं को उनके घटक अंकों में तोड़े बिना, पूर्ण संख्याओं पर संक्रियाएं की जानी चाहिए। उदाहरण के लिए 13 को लीजिए, 13 पर संक्रियाएं जैसे कि 13 में जोड़ना/घटाना/गुणा करना, की जा सकती हैं। 13 को 1 और 3 में तोड़ना तथा फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

Ans
- ✔ A. 130
- ✘ B. 127
- ✘ C. 128
- ✘ D. 129

Q.80 30 विद्यार्थी उत्तर की ओर अभिमुख होकर एक सीधी पंक्ति में खड़े हैं। अनीता दाएँ छोर से 16वें स्थान पर है, जबकि बलराम बाएँ छोर से 22वें स्थान पर है। अनीता और बलराम के बीच कितने विद्यार्थी खड़े हैं?

Ans
- ✘ A. 5
- ✔ B. 6
- ✘ C. 7
- ✘ D. 8

Section : General Awareness and Current Affairs

Q.81 मई 2026 में असम के नवनिर्वाचित मुख्यमंत्री के रूप में हिमंत बिस्वा शर्मा ने किस विधानसभा सीट से जीत हासिल की?

Ans
- ✘ A. हाफलांग
- ✔ B. जलुकबारी
- ✘ C. दिसपुर
- ✘ D. सिलचर

Q.82 2 फरवरी, 2026 के अपने निर्णय में, सर्वोच्च न्यायालय ने केंद्र सरकार को कर्नाटक और तमिलनाडु के बीच नदी जल बंटवारे के विवाद का निपटारा करने के लिए एक अंतर-राज्यीय जल विवाद न्यायाधिकरण गठित करने का निर्देश दिया। इस विवाद के केंद्र में कौन-सी नदी है?

Ans
- ✘ A. गोदावरी नदी
- ✘ B. कृष्णा नदी
- ✔ C. पेन्नैयार नदी
- ✘ D. कावेरी नदी

Q.83 26 जनवरी 2026 को, भारत ने गणतंत्र दिवस का कौन-सा संस्करण मनाया?

Ans
- ✘ A. 76वां गणतंत्र दिवस
- ✘ B. 78वां गणतंत्र दिवस
- ✘ C. 75वां गणतंत्र दिवस
- ✔ D. 77वां गणतंत्र दिवस

Q.84 भारतीय राष्ट्रीय अंतरिक्ष संवर्धन एवं प्राधिकरण केंद्र (IN-SPACe) द्वारा संचालित अंतरिक्ष वेंचर कैपिटल फंड के तहत, किस संस्थान को इन्वेस्टमेंट मैनेजर नियुक्त किया गया था, जो अंतरिक्ष स्टार्टअप के लिए भारत के पहले समर्पित वेंचर कैपिटल फ्रेमवर्क को चिह्नित करता है?

Ans
- ✘ A. NABARD कंसल्टेंसी सर्विसेज
- ✘ B. भारत इलेक्ट्रॉनिक्स लिमिटेड
- ✘ C. नेशनल इन्वेस्टमेंट एंड इंफ्रास्ट्रक्चर फंड
- ✔ D. SIDBI वेंचर कैपिटल लिमिटेड

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Q.85 ओलंपिक जिम्नास्टिक्स के इतिहास में सबसे पहला परफेक्ट 10 स्कोर करने के 50 वर्ष बाद, 2026 लॉरियस वर्ल्ड स्पोर्ट्स अवार्ड्स में लॉरियस लाइफटाइम अचीवमेंट अवार्ड किसने जीता?

Ans

✗ A. सिमोन बाइल्स (Simone Biles)

✓ B. नादिया कोमानेची (Nadia Comăneci)

✗ C. ओक्साना बैउल (Oksana Baiul)

✗ D. मैरी लू रेटन (Mary Lou Retton)

Q.86 In 2026, which organization released the second annual edition of the "Fiscal Health Index (FHI)" to assess states' financial performance?

Ans

✗ A. Securities and Exchange Board of India

✗ B. Finance Commission of India

✗ C. Comptroller and Auditor General of India

✓ D. National Institution for Transforming India

Q.87 जनवरी 2026 में, किस संगठन द्वारा जम्मू और कश्मीर (J&K) के चटरगला दर्रे पर एक उच्च-ऊंचाई बचाव और सड़क बहाली अभियान सफलतापूर्वक संचालित किया था?

Ans

✗ A. भारतीय सेना इंजीनियरिंग कोर

✗ B. राष्ट्रीय आपदा प्रतिक्रिया बल

✗ C. भारत-तिब्बत सीमा पुलिस

✓ D. सीमा सड़क संगठन

Q.88 निम्नलिखित में से किस प्रमुख गोल्फर को लंबे समय से प्रतीक्षित करियर ग्रैंड स्लैम पूरा करने और अपने खिताब का सफलतापूर्वक बचाव करने के बाद 2026 में 'लॉरियस वर्ल्ड कमबैक ऑफ द ईयर' पुरस्कार (Laureus World Comeback of the Year Award) से सम्मानित किया गया था?

Ans

✗ A. स्कॉटी शेफ़लर (Scottie Scheffler)

✗ B. टाइगर वुड्स (Tiger Woods)

✗ C. जॉन रहम (Jon Rahm)

✓ D. रोरी मैक्लरॉय (Rory McIlroy)

Q.89 जनवरी 2026 में आयोजित 'UP हेल्थ टेक कॉन्क्लेव 1.0 (UP Health Tech Conclave 1.0)' का प्राथमिक लक्ष्य क्या था?

Ans

✗ A. सभी जिला अस्पतालों में AI के उपयोग को अनिवार्य करना

✗ B. एक मोबाइल टेलीमेडिसिन बस परियोजना बनाना

✗ C. एक राष्ट्रीय स्वास्थ्य बीमा योजना शुरू करना।

✓ D. नवाचार को बढ़ावा देने के लिए एक मेडटेक इकोसिस्टम का निर्माण करना

Q.90 इतिहास में पहली बार, UNESCO के 43वें महासम्मेलन का आयोजन पेरिस से बाहर किया गया। इस महत्वपूर्ण शिखर सम्मेलन की मेजबानी किस शहर ने की?

Ans

✓ A. समरकंद, उज्बेकिस्तान (Samarkand, Uzbekistan)

✗ B. शंघाई, चीन (Shanghai, China)

✗ C. दुशान्बे, ताजिकिस्तान (Dushanbe, Tajikistan)

✗ D. नई दिल्ली, भारत (New Delhi, India)

Q.91 केंद्रीय बजट 2025-26 के अनुसार, न्यू रिजीम (new regime) के तहत, अधिकतम ₹_____ की आय तक कोई व्यक्तिगत आयकर देय नहीं है।

Ans

✓ A. 12 लाख

✗ B. 10 लाख

✗ C. 11 लाख

✗ D. 9 लाख

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Q.92 आयुष्मान भारत PM-JAY स्वास्थ्य बीमा योजना का 2026 परिचालन विस्तार किस लक्षित समूह के लिए सार्वभौमिक स्वास्थ्य कवर सुनिश्चित करता है?

Ans

✔ A. आय से पृथक 70 वर्ष और उससे अधिक आयु के सभी नागरिक

✘ B. ग्रामीण सरकारी संस्थानों में सभी पूर्णकालिक शिक्षक

✘ C. सभी रजिस्टर्ड गिग वर्कर और प्लेटफ़ॉर्म डिलीवरी पार्टनर

✘ D. भूमि रिकॉर्ड रखने वाले सभी छोटे पैमाने के कृषि श्रमिक

Q.93 केंद्रीय बजट 2026-27 में 'बायोफार्मा शक्ति' योजना पेश की गई। इस ₹10,000 करोड़ की पहल का प्राथमिक उद्देश्य क्या है?

Ans

✘ A. बुजुर्गों के लिए 1.5 लाख देखभाल कर्मियों को प्रशिक्षित करना

✘ B. प्रत्येक राज्य में नए AIIMS अस्पताल स्थापित करना

✘ C. सभी सरकारी अस्पतालों में निःशुल्क जेनेरिक दवाएं उपलब्ध कराना

✔ D. भारत को बायोलॉजिक्स और बायोसिमिलर के लिए विनिर्माण केंद्र में रूपांतरित करना

Q.94 2026 में, भारत सरकार ने मुख्य रूप से खेल प्रतियोगिताओं में किसकी भागीदारी को प्रोत्साहित करने के लिए राष्ट्रव्यापी "ASMITA लीग" पहल की घोषणा की?

Ans

✘ A. मनोरंजक खेलों में वरिष्ठ नागरिक

✘ B. फिटनेस अभियानों में स्कूल प्रधानाचार्य

✔ C. जमीनी स्तर के खेलों में महिलाएं और लड़कियां

✘ D. खेल प्रबंधन में ग्रामीण प्रशिक्षक

Q.95 16वें वित्त आयोग ने 2026-31 के लिए केंद्रीय करों के विभाज्य पूल में से राज्यों के लिए कितने प्रतिशत हिस्सेदारी की अनुशंसा की है?

Ans

✘ A. 51%

✔ B. 41%

✘ C. 54%

✘ D. 32%

Q.96 फरवरी 2026 में, राष्ट्रीय हरित हाइड्रोजन मिशन (NGHM) की इलेक्ट्रोलाइजर विनिर्माण प्रोत्साहन योजना के अंतर्गत कुल 3,000 MW की उत्पादन क्षमता के लिए कितनी कंपनियों का चयन किया गया था?

Ans

✘ A. 10 कंपनियां

✘ B. 5 कंपनियां

✔ C. 15 कंपनियां

✘ D. 30 कंपनियां

Q.97 अक्टूबर 2025 में भारत द्वारा लागू किए गए किस प्रमुख व्यापार समझौते में 1 मिलियन जॉब सृजित करने के लिए 15 वर्षों में $100 बिलियन की बाध्यकारी निवेश प्रतिबद्धता शामिल है?

Ans

✔ A. EFTA के साथ व्यापार और आर्थिक साझेदारी समझौता (TEPA)

✘ B. भारत-UK व्यापक आर्थिक व्यापार समझौता (CETA)

✘ C. भारत-यूरोपीय संघ मुक्त व्यापार समझौता (FTA)

✘ D. भारत-ओमान व्यापक आर्थिक साझेदारी समझौता (CEPA)

Q.98 भारतीय मुक्केबाजी महासंघ द्वारा जनवरी 2026 में आयोजित 9वीं एलीट पुरुष एवं महिला राष्ट्रीय मुक्केबाजी चैंपियनशिप निम्नलिखित में से किस स्थान पर आयोजित की गई थी?

Ans

✔ A. ग्रेटर नोएडा, उत्तर प्रदेश

✘ B. गुवाहाटी, असम

✘ C. पटियाला, पंजाब

✘ D. इंदौर, मध्य प्रदेश

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Q.99 **Which of the following organisations commemorated its 176th Foundation Day on 4 March 2026?**

Ans
- ✔ A. Geological Survey of India (GSI)
- ✘ B. Archaeological Survey of India (ASI)
- ✘ C. Zoological Survey of India (ZSI)
- ✘ D. Botanical Survey of India (BSI)

Q.100 **2026 में विश्व उपभोक्ता अधिकार दिवस किस तिथि को वैश्विक स्तर पर मनाया गया/जाएगा?**

Ans
- ✘ A. 15 अप्रैल
- ✔ B. 15 मार्च
- ✘ C. 15 अक्टूबर
- ✘ D. 24 दिसंबर

"

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	10/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **An object is placed at the center of curvature of a concave mirror. If the mirror is now partially covered with an opaque material, what change will occur in the image?**

Ans

✔ A. The image will remain at the same position but will become less bright

✘ B. The image will shift closer to the mirror and become smaller

✘ C. The image will disappear completely

✘ D. The image will move farther from the mirror and become inverted

Q.2 **In a chemical reaction, 12g of carbon reacts completely with 32g of oxygen to form carbon dioxide. If only 40g of carbon dioxide is collected, which of the following is the correct conclusion based on the Law of Conservation of Mass?**

Ans

✘ A. The reaction is incomplete because 4g of mass is unaccounted for.

✘ B. The law of conservation of mass does not apply to gas formation.

✘ C. Mass is always lost as energy, so the final mass decreases.

✔ D. Carbon dioxide gas escaped during the reaction, so mass was not fully collected.

Q.3 **Which of the following pairs of atoms are isobars?**

Ans

✘ A. $^{35}_{17}Cl$ and $^{37}_{17}Cl$

✘ B. $^{23}_{11}Na$ and $^{24}_{12}Mg$

✘ C. $^{14}_{6}C$ and $^{12}_{6}C$

✔ D. $^{40}_{20}Ca$ and $^{40}_{18}Ar$

Q.4 **Which process in animals takes place in the absence of oxygen and releases a smaller amount of energy?**

Ans

✘ A. Transpiration

✘ B. Aerobic respiration

✔ C. Anaerobic respiration

✘ D. Photosynthesis

Q.5 **A weather balloon rises from sea level to 15 km altitude. The point of the temperature reverse from decreasing to increasing, and reason for this change is:**

Ans

✘ A. At the midpoint of the troposphere due to nitrogen distribution

✔ B. At the start of the stratosphere due to ozone absorption of UV

✘ C. At the base of the mesosphere due to air pressure changes

✘ D. At the top of the troposphere due to greenhouse gases

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Q.6 Which disease involves the uncontrolled growth of abnormal cells in the lungs due to smoking?

Ans
- ✔ A. Lung cancer
- ✘ B. Emphysema
- ✘ C. Bronchitis
- ✘ D. Asthma

Q.7 A velocity–time graph is represented by a straight line parallel to the time axis and lying above it. What does this indicate about the motion of the object?

Ans
- ✘ A. The object is at rest
- ✔ B. The object is moving with constant velocity
- ✘ C. The object is moving with increasing velocity
- ✘ D. The object is moving with decreasing velocity

Q.8 When a metal oxide reacts with an acid, it forms:

Ans
- ✔ A. salt and water as final products
- ✘ B. acid and metal oxide mixture only
- ✘ C. salt and hydrogen gas evolution
- ✘ D. carbon dioxide and hydrogen gas

Q.9 Which of the following combinations best supports sustainable development?

Ans
- ✘ A. Fossil fuels + deforestation
- ✘ B. Overuse of water + plastic production
- ✔ C. Renewable energy + tree plantation
- ✘ D. Industrial expansion + waste dumping

Q.10 Why is copper commonly used for electrical wiring in homes?

Ans
- ✘ A. It has a low melting point
- ✘ B. It is a poor conductor
- ✘ C. It is magnetic
- ✔ D. It has low electrical resistance

Q.11 Which environmental factor causes a plant shoot to bend toward a window?

Ans
- ✘ A. Gravity
- ✘ B. Temperature
- ✘ C. Water
- ✔ D. Light

Q.12 A machine lifts a load of 600 N using an effort of 150 N. What is the mechanical advantage of the machine?

Ans
- ✘ A. 5
- ✔ B. 4
- ✘ C. 3
- ✘ D. 2

Q.13 Which of the following is an organic compound?

Ans
- ✔ A. CH_3Cl
- ✘ B. CO_2
- ✘ C. $CaCO_3$
- ✘ D. NaCl

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Q.14 A city is planning to build a new power plant and is choosing between several energy generation options. If the primary goal is to maximize the use of renewable and environmentally friendly energy, which option should the city select?

Ans

✗ A. A conventional nuclear power complex

✓ B. A utility-scale solar photovoltaic farm

✗ C. A high-capacity natural gas station

✗ D. A large-scale coal-fired facility

Q.15 If a ray of light passes through the optical center of a thin spherical lens, what is the path of the emergent ray?

Ans

✗ A. It is absorbed by the lens material

✗ B. It bends towards the principal axis

✓ C. It continues in the same direction without deviation

✗ D. It reflects back along its original path

Q.16 Which process would be directly affected if a plant's phloem were blocked during spring?

Ans

✗ A. Water transport from roots to leaves would decrease

✓ B. Buds would fail to receive sugars needed for growth

✗ C. Leaves would be unable to perform gas exchange

✗ D. Roots would not absorb sufficient nutrients from soil

Q.17 What occurs to the particles in the suspension when we shake it?

Ans

✗ A. It dissolves permanently

✗ B. It remains settled

✓ C. It mixes temporarily and then settles

✗ D. It forms a new substance

Q.18 During the extraction of metals, the sulphide ores are converted into oxides by heating strongly in the presence of excess air. This process is known as:

Ans

✗ A. calcination

✗ B. sulphonation

✓ C. roasting

✗ D. elimination

Q.19 Which of the following hydrocarbons undergo addition reactions with hydrogen?

Ans

✓ A. Unsaturated hydrocarbons

✗ B. Aromatic hydrocarbons

✗ C. Saturated hydrocarbons

✗ D. Alicyclic hydrocarbons

Q.20 A student observes a plant cell under a microscope and notes it has a prominent nucleus, dense cytoplasm, and no visible vacuoles. Which of the following is the most likely function of this cell?

Ans

✓ A. Active cell division and growth

✗ B. Storing water and nutrients

✗ C. Transporting water and minerals

✗ D. Providing structural support

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Q.21 **Which observation confirms that a reaction is a combination reaction?**

Ans

✗ A. Temperature decreases suddenly

✗ B. Colour of reactants changes

✓ C. Only one new substance is produced

✗ D. Gas is evolved during reaction

Q.22 **Match the following.**

Column I	Column II
1. Ovary	a. Site of foetal development
2. Fallopian tube	b. Release of eggs and hormones
3. Uterus	c. Site where fertilisation occurs

Ans

✓ A. 1–b, 2–c, 3–a

✗ B. 1–c, 2–b, 3–a

✗ C. 1–a, 2–c, 3–b

✗ D. 1–b, 2–a, 3–c

Q.23 **If the same force is applied to two objects of different masses, what happens to their accelerations?**

Ans

✓ A. The object with less mass will have greater acceleration.

✗ B. The object with more mass will have greater acceleration.

✗ C. Acceleration depends only on the force, not on the mass.

✗ D. Both objects will have the same acceleration.

Q.24 **A heater is rated at 1000 W. If it is used for 2 hours, how much energy does it consume in kilowatt hours?**

Ans

✓ A. 2 kWh

✗ B. 0.5 kWh

✗ C. 1 kWh

✗ D. 3 kWh

Q.25 **Which of the following methods is commonly used to measure reverberation in a room?**

Ans

✗ A. Counting the number of echoes heard

✗ B. Measuring the speed of sound in the room

✓ C. Timing how long sound persists after the source stops

✗ D. Calculating the frequency of the sound wave

Section : **Mathematics**

Q.26 **A tent is shaped like a cone with a height of 84 m and a base radius of 13 m. If the fabric costs ₹40 per square meter, and the total cost of the fabric used for the tent is ₹E, then find the value of** $\sqrt{\frac{E}{2041} - 4}$. (Use $\pi = 3.14$)

Ans

✗ A. 6

✗ B. 2

✓ C. 8

✗ D. 4

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Q.27 If the volumes of two cubes are in the ratio 27 : 64, then the ratio of their total surface area is:

Ans
- ✔ A. 9 : 16
- ✘ B. 4 : 25
- ✘ C. 9 : 25
- ✘ D. 4 : 9

Q.28 X's age is 20% more than Y's age. If the sum of their ages is 20 more than the difference of their ages, find their respective ages (in years).

Ans
- ✘ A. 12 , 14
- ✔ B. 12 , 10
- ✘ C. 10 , 13
- ✘ D. 10 , 14

Q.29 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 10 hours and pipe C can fill the same tank in 15 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
- ✘ A. 3
- ✔ B. 1
- ✘ C. 4
- ✘ D. 2

Q.30 The difference between compound interest, compounded annually and simple interest at the same rate of interest R% per annum on an amount of ₹20,000 for 2 years is ₹162. What is the value of R?

Ans
- ✘ A. 6
- ✔ B. 9
- ✘ C. 7
- ✘ D. 8

Q.31 The distance between the centres of two circles having radii 5 cm and 25 cm is 29 cm. Find the length (in cm) of the direct common tangent.

Ans
- ✘ A. 28
- ✘ B. 27
- ✔ C. 21
- ✘ D. 13

Q.32 A shopkeeper buys some pencils at 6 for ₹35 and sells them at 10 for ₹65. His profit percentage (rounded off to 2 decimal places) is %.

Ans
- ✘ A. 13.14
- ✘ B. 13.41
- ✔ C. 11.43
- ✘ D. 11.34

Q.33 What sum (in ₹) will earn a simple interest of ₹960 in 4 years at 12% per year rate of interest?

Ans
- ✘ A. 1000
- ✘ B. 4000
- ✔ C. 2000
- ✘ D. 6000

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Q.34 A chemist needs to prepare 250 ml of a solution by mixing two liquids in the ratio 5 : 3. How much (in ml) of the second liquid should be used?

Ans

✗ A. 62.25

✗ B. 125.25

✓ C. 93.75

✗ D. 156.25

Q.35 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 58% and 36%, shop II allows successive discounts of 73% and 91%, shop III allows successive discounts of 76% and 88% and shop IV allows successive discounts of 79%, 68% and 96% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✗ A. II

✗ B. I

✓ C. IV

✗ D. III

Q.36 What is the value that must be assigned to A so that the 8-digit number 753A3228 is divisible by 18?

Ans

✓ A. 6

✗ B. 2

✗ C. 9

✗ D. 5

Q.37 The monthly income of a person is ₹9,770. If his income is increased by 27%, then what will be his new monthly income?

Ans

✗ A. ₹12,207.90

✗ B. ₹12,507.50

✗ C. ₹12,307.50

✓ D. ₹12,407.90

Q.38 Find the arithmetic mean of the following data (rounded off to two places of decimal).

Class interval	0-12	12-24	24-36	36-48	48-60
Frequency	6	8	10	9	12

Ans

✓ A. 33.47

✗ B. 34.48

✗ C. 32.46

✗ D. 31.48

Q.39 A marathon runner covers one-third of a 42 km race at a speed of 12 km/h, and the remaining two-thirds at a speed of 10.5 km/h. What is the average speed of the runner for the entire race? (Round off to two decimal places.)

Ans

✓ A. 10.96 km/h

✗ B. 11.96 km/h

✗ C. 10.86 km/h

✗ D. 11.86 km/h

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Q.40 A vessel contains liquids A and B in a ratio of 5 : 3. If 16 litres of the mixture is removed and the same quantity of liquid B is added, the ratio becomes 3 : 5. What quantity does the vessel hold?

Ans

✗ A. 47 liters

✗ B. 33 liters

✓ C. 40 liters

✗ D. 44 liters

Q.41 If the mean of the following data is 50, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	17	33	25	43	x

Ans

✗ A. 391

✗ B. 425

✓ C. 402

✗ D. 411

Q.42 Two trains, 310 m and 320 m long, run on parallel tracks in opposite directions. The first runs at 67 km/h and the second at 59 km/h. How long will they take to cross each other?

Ans

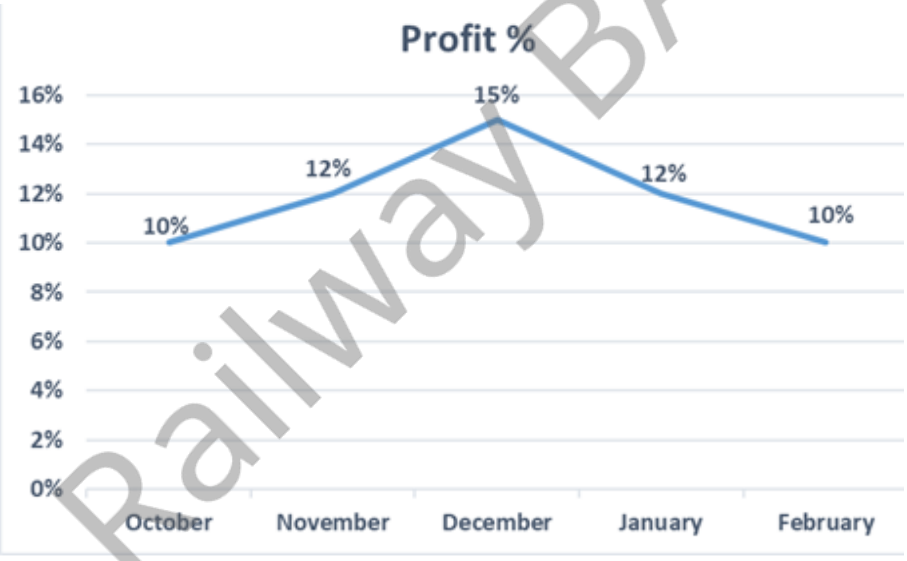
✓ A. 18 seconds

✗ B. 12 seconds

✗ C. 16 seconds

✗ D. 14 seconds

Q.43 A shopkeeper sells heater rods, each having a cost price of ₹3,760. The profit margin varies depending on the demand, as shown in the given graph. If the total revenue on selling one rod every month from October to March end is ₹24,966.40, find the profit (in %) made in the month of March.



Ans

✗ A. 6%

✗ B. 10%

✗ C. 7%

✓ D. 5%

Q.44 The price of a commodity is increased by 30% and later decreased by 30%. What is the overall percentage change in the price of the commodity?

Ans

✗ A. 18% decrease

✗ B. Neither increase nor decrease

✗ C. 9% increase

✓ D. 9% decrease

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Q.45 Evaluate: $\frac{2\sin A}{(1+\cos A+\sin A)} \times \frac{(1+\sin A)}{(1-\cos A+\sin A)}$

Ans

✗ A. 2

✓ B. 1

✗ C. 0

✗ D. 3

Q.46 Simplify: $\frac{\sin A}{1+\cos A} + \frac{1+\cos A}{\sin A}$

Ans

✓ A. 2cosecA

✗ B. tanA

✗ C. 2secA

✗ D. 1

Q.47 Simplify: $(5^2)^3 \times (5)^{-2}$

Ans

✗ A. 25

✓ B. 625

✗ C. 3125

✗ D. 125

Q.48 Simplify the following expression: $[18-\{6+(4\times 2)\}+3^2]\div 3$

Ans

✗ A. $2\frac{1}{3}$

✓ B. $4\frac{1}{3}$

✗ C. $3\frac{1}{4}$

✗ D. $4\frac{2}{3}$

Q.49 **What is the compound interest (in ₹) on a sum of ₹1,50,000 at 20% per annum for 2 years, when the interest is compounded semi-annually?**

Ans

✗ A. 69651

✓ B. 69615

✗ C. 66951

✗ D. 66915

Q.50 **The ratio of two numbers is 2 : 9. If 4 is added to the smaller number and 3 is added to the greater number, the ratio becomes 1 : 4. Find the original greater number.**

Ans

✗ A. 115

✗ B. 120

✓ C. 117

✗ D. 127

Section : **General Intelligence and Reasoning**

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Q.51 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) T G O U P M U O A K A A T J P L I T U E E V (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans
- ✗ A. 1
- ✗ B. 3
- ✓ C. 2
- ✗ D. 4

Q.52 Each vowel in the word COMPANY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fifth from the right in the new group of letters thus formed?

Ans
- ✗ A. M
- ✗ B. B
- ✓ C. L
- ✗ D. O

Q.53 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some desks are halls.
No hall is a table.

Conclusions:
(I) No desk is a table.
(II) Some tables are halls.

Ans
- ✗ A. Only conclusion (I) follows
- ✗ B. Only conclusion (II) follows
- ✗ C. Both conclusions (I) and (II) follow
- ✓ D. Neither conclusion (I) nor (II) follows

Q.54 This question is based on the given words.

VAN LOG ZIP GUM

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans
- ✗ A. One
- ✗ B. None
- ✓ C. Two
- ✗ D. Three

Q.55 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. P has an exam on Wednesday. Only one person has an exam between P and R. U has an exam immediately after R. Only three people have an exam between U and Q. V has an exam after S but before Q. When does T have an exam?

Ans
- ✗ A. Thursday
- ✗ B. Saturday
- ✓ C. Sunday
- ✗ D. Monday

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Q.56 In a certain code language,

A + B means 'A is the sister of B',
A – B means 'A is the son of B',
A × B means 'A is the husband of B',
and A ÷ B means 'A is the daughter of B'.

How is P related to T if 'P + Q – R × S ÷ T'?

Ans

✗ A. Daughter

✓ B. Daughter's daughter

✗ C. Sister

✗ D. Son's daughter

Q.57 This question is based on the following words.

(Left) TUG ZAX JAW LID (Right)

How many letters are there between the third letter of the third word from the right and the first letter of the first word from the left, as per the English alphabetical order?

Ans

✓ A. 3

✗ B. 4

✗ C. 6

✗ D. 2

Q.58 Refer to the following number series and answer the question that follows (all numbers are single-digit numbers only). Counting to be done from left to right only.

(Left) 2 3 8 9 4 5 2 3 6 7 5 9 5 2 7 3 2 6 8 1 9 2 7 6 4 5 (Right)

How many such odd digits are there, which are immediately preceded by an even digit and also immediately followed by an odd digit?

Ans

✗ A. One

✗ B. More than three

✗ C. Two

✓ D. Three

Q.59 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✗ A. BFH

✗ B. PTV

✗ C. OSU

✓ D. AFG

Q.60 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

FWU : EYR
JVF : IXC

Ans

✗ A. KJN : JKK

✓ B. NGQ : MIN

✗ C. DHE : CJA

✗ D. UQG : TSC

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Q.61 4 is related to 63 following a certain logic. Following the same logic, 3 is related to 26. To which of the following is 5 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 126
- ✗ B. 125
- ✓ C. 124
- ✗ D. 127

Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RSP NOL JKH FGD ?

Ans
- ✗ A. BDY
- ✓ B. BCZ
- ✗ C. BBY
- ✗ D. BCE

Q.63 What should come in place of the question mark (?) in the given series?

24 29 37 48 62 ?

Ans
- ✗ A. 77
- ✗ B. 81
- ✗ C. 83
- ✓ D. 79

Q.64 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. ABD
- ✓ B. BDE
- ✗ C. XYA
- ✗ D. QRT

Q.65 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) U $ % Q 4 3 Y © G U 8 3 6 @ & Q 3 5 K # 1 K (Right)

If all the letters are dropped from the series, which of the following will be sixth from the left?

Ans
- ✓ A. 8
- ✗ B. @
- ✗ C. ©
- ✗ D. 3

Q.66 Each letter in the word EARLIER is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is third from the right in the new letter-cluster thus formed?

Ans
- ✗ A. 3
- ✗ B. 5
- ✓ C. 2
- ✗ D. 1

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Q.67 Vimal starts from Point A and drives 25 km towards the north. He then takes a left turn, drives 15 km, turns left and drives 26 km. He then takes a left turn and drives 19 km. He takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans

✗ A. 4 km to the west

✓ B. 4 km to the east

✗ C. 5 km to the west

✗ D. 5 km to the east

Q.68 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only two people sit between C and P. E sits to the immediate left of P. No one sits to the right of D. Only two people sit between D and E. O sits to the immediate right of C.
How many people sit between Q and O?

Ans

✓ A. Two

✗ B. None

✗ C. One

✗ D. Three

Q.69 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations.)
5 – 15 – 30 – 40 ; 6 – 18 – 36 – 46

Ans

✗ A. 10 – 30 – 50 – 70

✗ B. 8 – 24 – 36 – 48

✗ C. 9 – 27 – 54 – 60

✓ D. 7 – 21 – 42 – 52

Q.70 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: IDA :: CXU : %

Ans

✓ A. # = WRO, % = OJG

✗ B. # = WRO, % = OJP

✗ C. # = CRO, % = OJG

✗ D. # = WRO, % = OKG

Q.71 What will come in place of the question mark (?) in the following equation, if '−' and '÷' are interchanged and '×' and '+' are interchanged?

84 + 1 − 1 × 1 ÷ 9 = ?

Ans

✗ A. 78

✗ B. 77

✓ C. 76

✗ D. 79

Q.72 LN 12 is related to GI 6 in a certain way. In the same way, SU 22 is related to NP 11. To which of the following is VX 18 related to following the same logic?

Ans

✗ A. SU 7

✓ B. QS 9

✗ C. PR 9

✗ D. RT 7

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Q.73 H, I, J, L, M and N live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only four people live below L. J lives on a floor above L. Only N lives below H. I lives on an even-numbered floor.
How many people live below M?

Ans
✗ A. One
✗ B. Four
✓ C. Two
✗ D. Three

Q.74 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1543862, what will be the sum of the digits that are second from the left and third from the right?

Ans
✗ A. 11
✗ B. 13
✓ C. 12
✗ D. 10

Q.75 What will come in place of the '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

217 ÷ 62 × 434 − 493 + 307 = ?

Ans
✗ A. 271
✗ B. 227
✗ C. 127
✓ D. 217

Q.76 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some fruits are vegetables.
All vegetables are animals.

Conclusions:
(I) Some animals are fruits.
(II) Some fruits are not animals.

Ans
✓ A. Only conclusion (I) follows
✗ B. Both conclusions (I) and (II) follow
✗ C. Only conclusion (II) follows
✗ D. Neither conclusion (I) nor (II) follows

Q.77 A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only H lives above Y. A lives immediately below Y. Only G lives below S.
Who lives on floor number 3?

Ans
✗ A. Y
✓ B. P
✗ C. A
✗ D. H

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Q.78 In a certain code language,
A + B means 'A is the son of B',
A − B means 'A is the sister of B',
A × B means 'A is the wife of B' and
A % B means 'A is the father of B'.

How is Ranbir related to Kajal if 'Ranbir + Kartik × Himansh % Sunny − Kajal'?

Ans
✗ A. Husband
✓ B. Brother
✗ C. Son
✗ D. Father

Q.79 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All swans are ducks.
Some swans are fish.

Conclusions:
(I) Some fish are ducks.
(II) Some ducks are swans.

Ans
✗ A. Neither conclusion (I) nor (II) follows
✗ B. Only conclusion (I) follows
✗ C. Only conclusion (II) follows
✓ D. Both conclusions (I) and (II) follow

Q.80 D, F, G, H, J, K and L are sitting around a circular table facing the centre.
Only four people sit between J and H when counted from the right of J. F and K are immediate neighbours of D. Exactly four people sit between G and L when counted from the left of G. L is not an immediate neighbour of F or H.
How many people sit between H and L when counted from the left of H?

Ans
✓ A. 3
✗ B. 2
✗ C. 4
✗ D. 1

Section : **General Awareness and Current Affairs**

Q.81 Which of the following bird sanctuaries was included in the list of Ramsar sites in January 2026?

Ans
✗ A. Vedanthangal Bird Sanctuary
✗ B. Nagi Bird Sanctuary
✗ C. Chilika Bird Sanctuary
✓ D. Patna Bird Sanctuary

Q.82 Which domestic enforcement or emergency branch under the Ministry of Home Affairs secured the largest majority share of the 101 President's Medals for Distinguished Service (PSM) declared on Republic Day 2026?

Ans
✗ A. Correctional Service
✗ B. Fire Service
✗ C. Civil Defence & Home Guard Service
✓ D. Police Service

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Q.83 In April 2026, the RBI issued directions for implementing the Standardised Approach (SA) for Credit Risk, aligning with Basel III finalization norms. What is the primary implementation date set for banks to comply with this new capital charge framework?

Ans
- ✗ A. March 31, 2028
- ✗ B. October 1, 2026
- ✗ C. January 1, 2026
- ✓ D. April 1, 2027

Q.84 Who among the following, known for preserving and promoting the traditional embroidery craft of West Bengal while empowering rural women artisans, was selected to receive the Padma Shri from President Droupadi Murmu at the ceremony held on May 25, 2026?

Ans
- ✓ A. Tripti Mukherjee
- ✗ B. Rabilal Tudu
- ✗ C. Saroj Mandal
- ✗ D. Sivasankari

Q.85 The India AI Impact Summit 2026, the first global AI summit hosted in the Global South and set a Guinness World Record for the most AI responsibility pledges received in 24 hours, was held at which venue in New Delhi?

Ans
- ✗ A. Jawaharlal Nehru Stadium
- ✓ B. Bharat Mandapam
- ✗ C. India International Centre
- ✗ D. Vigyan Bhawan

Q.86 'Mahatma: A Great Communicator' published in 2026 is written by which Indian author?

Ans
- ✗ A. Vikram Seth
- ✗ B. Amish Tripathi
- ✓ C. Dr. Dhiraj Kakadia
- ✗ D. Shashi Tharoor

Q.87 Which state reported the highest GST growth among all states in India for the financial year 2025–26, recording a 28.4% increase in collections amounting to ₹845 crore?

Ans
- ✓ A. Nagaland
- ✗ B. Sikkim
- ✗ C. Arunachal Pradesh
- ✗ D. Meghalaya

Q.88 Who among the following is the author of the book 'Zubeen Garg: The Voice that Bridged Worlds' published in May 2026?

Ans
- ✗ A. Anuradha Sharma
- ✓ B. Prosenjit Nath
- ✗ C. Parismita Singh
- ✗ D. Jahnavi Barua

Q.89 Who created tennis history at the 2026 Australian Open by becoming the youngest male player ever to complete the career Grand Slam in singles?

Ans
- ✓ A. Carlos Alcaraz
- ✗ B. Casper Ruud
- ✗ C. Alexander Zverev
- ✗ D. Jannik Sinner

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Q.90 What is the location where ISRO (Indian Space Research Organisation) has undertaken mission MITRA in April 2026?

Ans

✗ A. Dehradun, Uttarakhand

✗ B. Srinagar, Jammu and Kashmir

✗ C. Shimla, Himachal Pradesh

✓ D. Leh, Union Territory of Ladakh

Q.91 For which of the following sports did Vijay Amritraj receive the Padma Bhushan in the 2026 investiture ceremony at Rashtrapati Bhavan?

Ans

✓ A. Tennis

✗ B. Badminton

✗ C. Cricket

✗ D. Chess

Q.92 What was India's rank in the Global Peace Index (GPI) 2025?

Ans

✓ A. 115

✗ B. 114

✗ C. 113

✗ D. 112

Q.93 In May 2026, which international body formally backed a landmark International Court of Justice (ICJ) advisory opinion, stating that countries have a legal obligation to reduce greenhouse gas emissions?

Ans

✗ A. The World Trade Organization

✓ B. The UN General Assembly

✗ C. The UN Security Council

✗ D. The International Criminal Court

Q.94 Which of the following satellites was successfully launched during the 5th operational flight (LVM3-M5) of the LVM3 launch vehicle in November 2025?

Ans

✓ A. CMS-03

✗ B. GSAT-24

✗ C. INSAT-3DS

✗ D. CMS-02

Q.95 What major AYUSH infrastructure initiative was announced in the Union Budget 2026–27 to strengthen India's position as a global centre for traditional medicine?

Ans

✗ A. Closing the WHO Traditional Medicine Centre to upgrade private facilities

✗ B. Shifting AYUSH funding entirely to state governments

✗ C. Banning the export of all Ayurvedic products to ensure domestic supply

✓ D. Establishing three new All India Institutes of Ayurveda

Q.96 During a seminar held in January 2026 at Kalinga Institute of Social Sciences (KISS), Bhubaneswar, the localisation of Sustainable Development Goals (SDGs) was linked to which national vision?

Ans

✓ A. Viksit Bharat

✗ B. Atmanirbhar Bharat

✗ C. Make in India

✗ D. Digital India

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Q.97 **Which legislation is primarily associated with the SHe-Box platform highlighted in government communications during 2026?**

Ans

✗ A. Prohibition of Child Marriage Act, 2006

✓ B. Sexual Harassment of Women at Workplace Act, 2013

✗ C. Protection of Women from Domestic Violence Act, 2005

✗ D. Dowry Prohibition Act, 1961

Q.98 **DRDO successfully demonstrated Solid Fuel Ducted Ramjet (SFDR) technology on February 3, 2026, from which test range, placing India in an elite league of nations capable of developing long-range air-to-air missiles?**

Ans

✗ A. Pokhran Test Range, Rajasthan

✓ B. Integrated Test Range (ITR), Chandipur, Odisha

✗ C. Suryalanka Air Force Station, Andhra Pradesh

✗ D. Abdul Kalam Island, Odisha

Q.99 **In which of the following states was the Bholath Hockey Cup held in March 2026?**

Ans

✓ A. Punjab

✗ B. Uttar Pradesh

✗ C. Haryana

✗ D. Rajasthan

Q.100 **The 23rd edition of the FIFA World Cup, scheduled to be held in June and July 2026, is historically significant for being co-hosted by which group of nations?**

Ans

✗ A. Brazil, Argentina, and Uruguay

✗ B. Germany, France, and the Netherlands

✓ C. Canada, Mexico, and the United States

✗ D. Japan, South Korea, and Australia

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सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	10/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **During balancing of the following equation, a student first balances hydrogen instead of oxygen.**

$Fe + H_2O \rightarrow Fe_3O_4 + H_2$

What is the main difficulty this approach may cause?

Ans
- ✔ A. Oxygen atoms remain highly unequal
- ✘ B. Chemical formulas must be modified
- ✘ C. Law of conservation becomes invalid
- ✘ D. Coefficients become impossible values

Q.2 **Which saturated hydrocarbon has the molecular formula as C_3H_6?**

Ans
- ✔ A. cyclopropane
- ✘ B. propane
- ✘ C. propene
- ✘ D. propyne

Q.3 **Which of the following is a practical reason for using a series combination of resistors in an electrical circuit?**

Ans
- ✘ A. To maintain the same voltage across each resistor
- ✔ B. To increase total resistance and limit current
- ✘ C. To decrease voltage across each resistor
- ✘ D. To increase the current in the circuit

Q.4 **Which of the following best describes Thomson's model of an atom?**

Ans
- ✔ A. An atom consists of a positively charged sphere with electrons embedded in it.
- ✘ B. Electrons are randomly placed outside the atom.
- ✘ C. Electrons revolve around the nucleus in fixed orbits.
- ✘ D. An atom is a dense positively charged nucleus with electrons outside.

Q.5 **A plant sample, when tested, has vascular tissues (xylem and phloem) but no seeds. Which group does it belong to?**

Ans
- ✔ A. Pteridophyta
- ✘ B. Bryophyta
- ✘ C. Thallophyta
- ✘ D. Gymnosperm

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Q.6 A botanist observes a plant stem that bends easily without breaking and is investigating the tissue beneath the epidermis. Which type of simple permanent tissue is most likely responsible for this flexibility?

Ans

✗ A. Parenchyma

✗ B. Epidermis

✓ C. Collenchyma

✗ D. Sclerenchyma

Q.7 Which of the following does NOT possess potential energy (with respect to the ground)?

Ans

✗ A. Water stored in a dam

✓ B. A freely falling body at ground level

✗ C. A stone on the roof

✗ D. A compressed spring

Q.8 During the preparation of baking soda in the laboratory, which gas is essential for its formation along with ammonia and water?

Ans

✗ A. Nitrogen

✗ B. Hydrogen

✓ C. Carbon dioxide

✗ D. Oxygen

Q.9 Which defect of vision is caused by the eye's lens focusing images in front of the retina, making distant objects appear blurry, and can be corrected using a concave lens?

Ans

✗ A. Hypermetropia

✗ B. Astigmatism

✓ C. Myopia

✗ D. Presbyopia

Q.10 Which of the following properties do isobars have in common?

Ans

✗ A. Atomic number

✓ B. Mass number

✗ C. Physical nature

✗ D. Number of protons

Q.11 Which of the following environmental problems is related to the penetration of harmful UV rays into our atmosphere?

Ans

✗ A. Acid rain

✓ B. Ozone hole

✗ C. Greenhouse effect

✗ D. Global warming

Q.12 Which of the following sets correctly represents physical properties commonly exhibited by most metals?

Ans

✗ A. Brittle, non-lustrous, poor conductor of heat

✓ B. Lustrous, malleable, good conductor of electricity

✗ C. Soft, non-ductile, poor conductor of electricity

✗ D. Dull, malleable, non-sonorous

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Q.13 Which part of the human brain is responsible for most thinking activities?

Ans

✗ A. Mid-brain

✗ B. Cerebellum

✗ C. Hind-brain

✓ D. Fore-brain

Q.14 A field biologist observes a rapid increase in soil minerals after the introduction of a decomposer organism in a forest plot. Which feature of this organism most likely facilitated the increase in mineral content?

Ans

✗ A. Cellulose cell wall formation

✗ B. Ingestion of organic material

✗ C. Photosynthesis for energy production

✓ D. Absorption of nutrients by mycelium

Q.15 Which epithelial tissue is found in the lining of the kidney tubules?

Ans

✓ A. Cuboidal

✗ B. Columnar

✗ C. Squamous

✗ D. Ciliated

Q.16 Which of the following structures connect the brain to the muscles?

Ans

✗ A. Bones

✗ B. Blood

✗ C. Glands

✓ D. Nerves

Q.17 For work to be considered done on an object, which two conditions must be met?

Ans

✓ A. A force must act on the object, and the object must move.

✗ B. The object must be heavy, and the force must be large.

✗ C. The object must move fast, and the force must be constant.

✗ D. The force must be applied for a long time, and the object must be at rest.

Q.18 Which of the following is an example of a homogeneous mixture?

Ans

✓ A. Sugar dissolved in water

✗ B. Oil and water

✗ C. Sand and water

✗ D. Iron filings and sulfur

Q.19 Which combination of symbols would you use to indicate a wire joint in a schematic circuit diagram?

Ans

✗ A. Lines crossing without a dot

✗ B. A rectangle

✓ C. A dot at the intersection of two lines

✗ D. Two parallel lines

Q.20 A car of mass 1000 kg increases its velocity from 10 m/s to 20 m/s in 5 seconds. What is the force exerted on the car?

Ans

✓ A. 2000 N

✗ B. 1500 N

✗ C. 2500 N

✗ D. 1000 N

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Q.21 A beam of white light passes through a glass prism and splits into different colors. Which physical phenomenon is primarily responsible for the separation of colors after refraction through the prism?

Ans

✗ A. Scattering of light

✓ B. Dispersion of light

✗ C. Absorption of light

✗ D. Reflection of light

Q.22 A student measures the absolute refractive index of water as 1.33. What does this mean about the speed of light in water compared to air?

Ans

✗ A. Light travels faster in water by a factor of 1.33 compared to air

✗ B. Light speed is the same in water and air

✓ C. Light travels slower in water by a factor of 1.33 compared to air

✗ D. Light can not travel through water at all.

Q.23 Which sequence correctly represents the formation stages of coal?

Ans

✓ A. Peat → Lignite → Bituminous → Anthracite

✗ B. Peat → Bituminous → Lignite → Anthracite

✗ C. Anthracite → Bituminous → Lignite → Peat

✗ D. Lignite → Peat → Anthracite → Bituminous

Q.24 In plants, carbohydrates produced during photosynthesis are stored in which form?

Ans

✗ A. Cellulose

✗ B. Glycogen

✓ C. Starch

✗ D. Protein

Q.25 A Distance-Time graph shows a curve that starts steep and gradually becomes flatter (slope decreasing). This motion represents _____.

Ans

✗ A. Positive acceleration

✗ B. Constant, negative velocity

✗ C. Zero acceleration

✓ D. Deceleration

Section : **Mathematics**

Q.26 Simplify:

$$(3\sqrt{5}+2\sqrt{3})^2-(3\sqrt{5}-2\sqrt{3})^2.$$

Ans

✓ A. $24\sqrt{15}$

✗ B. $36\sqrt{3}$

✗ C. $30\sqrt{15}$

✗ D. $18\sqrt{5}$

Q.27 A paint mixture is made by mixing blue and white paint in the ratio 7 : 2. If a painter uses 315 liters of blue paint, how much total paint mixture will be prepared?

Ans

✗ A. 350 liters

✗ B. 420 liters

✓ C. 405 liters

✗ D. 490 liters

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Q.28 If $\sin(\theta) = \frac{3}{5}$, where θ is an acute angle, find the value of $\cos(\theta)$.

Ans
- ✗ A. $\frac{5}{4}$
- ✗ B. $\frac{3}{5}$
- ✓ C. $\frac{4}{5}$
- ✗ D. $\frac{3}{4}$

Q.29 Simplify: $(\frac{7}{8} \div \frac{7}{16})$.

Ans
- ✗ A. 1
- ✗ B. 3
- ✓ C. 2
- ✗ D. 4

Q.30 व्यापारी मुकेश ₹5 प्रति पेन की दर से कुछ पेन खरीदता है। वह दो-तिहाई पेन 25% लाभ पर और शेष पेन 10% हानि पर बेचता है। यदि मुकेश का कुल लाभ ₹360 है, तो बताएं कि उसने कितने पेन खरीदे थे?

Ans
- ✗ A. 530
- ✗ B. 580
- ✗ C. 550
- ✓ D. 540

Q.31 The radius of a circle is 9 cm. Find the area (in cm^2) of the sector whose central angle is 72°.
$\left(\text{Use } \pi = \frac{22}{7} \text{ and round off your answer to 2 decimal places.}\right)$

Ans
- ✗ A. 56.82
- ✓ B. 50.91
- ✗ C. 48.23
- ✗ D. 72.36

Q.32 A cuboid measures 30 cm × 24 cm × 18 cm. It is painted on all its outer surfaces and then cut into small cubes of side 2 cm. How many of the small cubes have paint on exactly two faces?

Ans
- ✗ A. 132
- ✓ B. 120
- ✗ C. 124
- ✗ D. 128

Q.33 Sachin deposited a sum of ₹14,525 at 20% rate of interest per annum, compounded annually. The total amount received by Sachin after 2 years is:

Ans
- ✗ A. ₹20,910
- ✗ B. ₹20,720
- ✗ C. ₹21,073
- ✓ D. ₹20,916

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Q.34 Find the simple interest (in ₹) on a sum of ₹500 borrowed for 4.5 years at a rate of interest of 12% per annum.

Ans
- ✗ A. 250
- ✗ B. 320
- ✓ C. 270
- ✗ D. 370

Q.35 Given that $86^{0.2} = x$, $86^{0.35} = y$ and $x^z = y^9$, then the value of z is:

Ans
- ✓ A. 15.75
- ✗ B. 14.75
- ✗ C. 17.25
- ✗ D. 16.25

Q.36 The length of the diameter of a circle is 26 cm and the length of a chord of the circle is 10 cm. Find the distance (in cm) of the chord from the centre of the circle.

Ans
- ✓ A. 12
- ✗ B. 14
- ✗ C. 16
- ✗ D. 18

Q.37 If x : y = 3 : 5 and y : z = 2 : 3, find the value of x : y : z.

Ans
- ✓ A. 6 : 10 : 15
- ✗ B. 3 : 5 : 7
- ✗ C. 1 : 2 : 3
- ✗ D. 3 : 7 : 5

Q.38 Find the amount obtained on ₹2,000 after 2 years at 12% per annum compound interest, compounded annually.

Ans
- ✓ A. ₹2,508.80
- ✗ B. ₹2,520.80
- ✗ C. ₹2,450.80
- ✗ D. ₹2,608.80

Q.39 Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	21	25	13	11	10	37	23

Ans
- ✗ A. 79
- ✓ B. 60
- ✗ C. 72
- ✗ D. 48

Q.40 If a + b + c = 6, abc = −60 and $a^3 + b^3 + c^3 = 162$, find the value of ab + bc + ca.

Ans
- ✓ A. −7
- ✗ B. 11
- ✗ C. −21
- ✗ D. 14

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Q.41 A car covers a total distance of 360 km. It covers the first 120 km at 40 km/h. Of the remaining distance, it then covers one-third at 60 km/h and the rest at a constant speed v. If the car's overall average speed for the whole trip is 60 km/h, what is the value of v?

Ans

✗ A. 90 km/h

✗ B. 100 km/h

✗ C. 85 km/h

✓ D. 96 km/h

Q.42 If $\frac{\tan\theta-1+\sec\theta}{\tan\theta+1-\sec\theta}=N.\frac{1+\sin\theta}{\cos\theta}$, then the value of $\frac{1}{N}$ is:

Ans

✓ A. 1

✗ B. $\tan\theta$

✗ C. $\text{cosec}\theta$

✗ D. ∞

Q.43 What is the value of (6x + 3y), if mean of the following distribution is 62?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	2	16	x	8	y	50

Ans

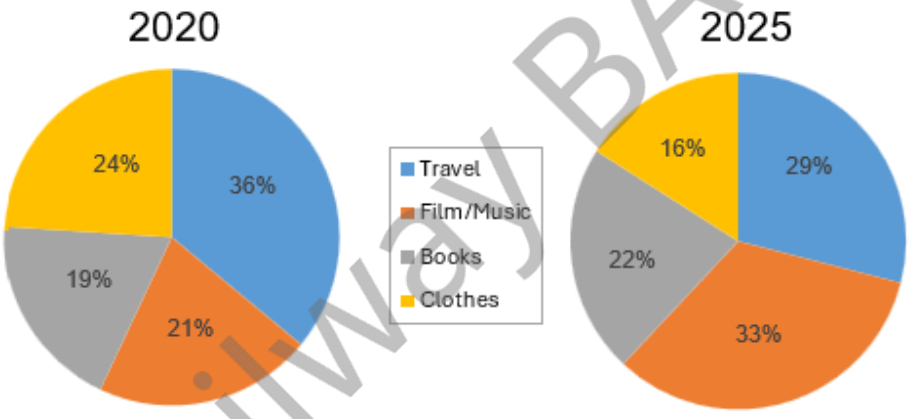
✗ A. 71

✓ B. 81

✗ C. 65

✗ D. 77

Q.44 The pie charts illustrate the distribution of online sales (with the total amount remaining the same (in ₹) for both years) across various retail sectors in New Zealand for 2020 and 2025.



By how many percentage points did the share of Film & Music change from 2020 to 2025?

Ans

✗ A. 17%

✗ B. 16%

✓ C. 12%

✗ D. 22%

Q.45 The average monthly expenditure of a family is ₹3,200 during the first three months, ₹3,550 during the next four months, and ₹4,120 during the last five months of the year. If the total savings during the year was ₹2,265, what is the average monthly income?

Ans

✗ A. ₹3,880

✗ B. ₹4,234.60

✓ C. ₹3,888.75

✗ D. ₹4,380

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Q.46 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 76% and that of the TV decreases by 37%, then what is the percentage change in the total cost of 4 washing machines and 3 TVs?

Ans
- ✗ A. Decrease by 16%
- ✓ B. Increase by 8.2%
- ✗ C. Decrease by 5%
- ✗ D. Increase by 13%

Q.47 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 66% and 88%, shop II allows successive discounts of 78% and 70%, shop III allows successive discounts of 89% and 35% and shop IV allows successive discounts of 27%, 65% and 59% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. II
- ✓ B. I
- ✗ C. IV
- ✗ D. III

Q.48 Kaushal travelled for 5 hours 52 minutes at the speed of 45 km/h. At what speed (in km/h) should he travel to cover the same distance in 24 hours?

Ans
- ✗ A. 8
- ✗ B. 12
- ✓ C. 11
- ✗ D. 9

Q.49 There are only two candidates contesting the election. A person who got 25% votes lost by 500 votes. Assuming that there were no invalid votes, the total number of votes casted are:

Ans
- ✗ A. 3000
- ✗ B. 4000
- ✗ C. 2000
- ✓ D. 1000

Q.50 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 8 hours and pipe C can fill the same tank in 24 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
- ✗ A. 2
- ✗ B. 3
- ✓ C. 1
- ✗ D. 4

Section : **General Intelligence and Reasoning**

Q.51 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HKG CFB XAW SVR ?

Ans
- ✗ A. NOQ
- ✗ B. NRL
- ✓ C. NQM
- ✗ D. NPL

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Q.52 सात विद्यार्थी I, J, K, P, Q, R और Z एक गोल मेज के परितः उसके केंद्र की ओर अभिमुख होकर बैठे हैं।
R और K के बीच केवल दो व्यक्ति बैठे हैं। I के दाईं ओर से गिनने पर, I और Z के बीच केवल एक व्यक्ति बैठा है। Z और K के बीच केवल एक व्यक्ति बैठा है। I और P के बीच केवल एक व्यक्ति बैठा है।
J और P के बीच केवल एक व्यक्ति बैठा है।
Q के दाईं ओर चौथे स्थान पर कौन बैठा है?

Ans
✗ A. K
✗ B. Z
✗ C. R
✓ D. J

Q.53 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
: DGF :: PSR : %

Ans
✗ A. # = AFE , % = SVU
✗ B. # = ADC , % = SUV
✗ C. # = ADB , % = RUT
✓ D. # = ADC , % = SVU

Q.54 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**

Statements:
Some dogs are birds.
All birds are pets.

Conclusions:
(I) Some pets are not dogs.
(II) Some dogs are pets.

Ans
✗ A. Neither conclusion (I) nor (II) follows
✗ B. Both conclusions (I) and (II) follow
✗ C. Only conclusion (I) follows
✓ D. Only conclusion (II) follows

Q.55 मिस्टर नामग्याल बिंदु A से यात्रा शुरू करके पूर्व दिशा की ओर 31 km ड्राइव करता है। फिर वह दाएँ मुड़ता है और 39 km ड्राइव करता है, फिर दाएँ मुड़ता है और 51 km ड्राइव करता है। फिर वह दाएँ मुड़ता है और 4 km ड्राइव करता है। इसके बाद वह दाएँ मुड़ता है और 12 km ड्राइव करता है और फिर बाएँ मुड़ता है और 15 km ड्राइव करता है। अंत में वह दाएँ मुड़ता है, 8 km ड्राइव करके बिंदु P पर रुक जाता है। बिंदु A पर वापस पहुँचने के लिए उसे कितनी दूरी (न्यूनतम दूरी) और किस दिशा में ड्राइव करना चाहिए? (नोट: जब तक निर्दिष्ट न किया जाए, सभी मोड़ केवल 90 डिग्री के मोड़ हैं।)

Ans
✗ A. 24 km, पश्चिम की ओर
✗ B. 20 km, पूर्व की ओर
✗ C. 22 km, दक्षिण की ओर
✓ D. 20 km, उत्तर की ओर

Q.56 **Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. PQN
✗ B. BCZ
✓ C. KMI
✗ D. MNK

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Q.57 सात बॉक्स I, J, K, Q, R, S और T एक के ऊपर एक रखे गए हैं, लेकिन यह आवश्यक नहीं कि वे इसी क्रम में रखे गए हों। K के ऊपर केवल चार बॉक्स रखे गए हैं। Q के ऊपर केवल एक बॉक्स रखा गया है। Q और I के बीच केवल एक बॉक्स रखा गया है। R को J के ठीक ऊपर रखा गया है। S को T के नीचे किसी स्थान पर रखा गया है। T और J के बीच कितने बॉक्स रखे गए हैं?

Ans
✗ A. दो
✓ B. पाँच
✗ C. चार
✗ D. तीन

Q.58 A, G, H, P, S और Y एक ही इमारत के छह अलग-अलग तलों पर रहते हैं। इमारत में सबसे निचले तल का क्रमांक 1 है, इसके ऊपर के तल का क्रमांक 2 है और इसी तरह, सबसे ऊपरी तल का क्रमांक 6 है। A तल क्रमांक 4 पर रहता है। A और G के बीच केवल दो व्यक्ति रहते हैं। A और H के बीच केवल Y रहता है। A के ठीक नीचे P रहता है।
तल संख्या 2 पर कौन रहता है?

Ans
✗ A. Y
✗ B. P
✗ C. H
✓ D. S

Q.59 निम्नलिखित अक्षर, प्रतीक श्रृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए।

(बाएं) N L + B ^ H & # & J K + ? N + ? $ J B O P (दाएं)

यदि श्रृंखला से सभी अक्षर हटा दिए जाएं, तो निम्नलिखित में से कौन-सा दाईं ओर से सातवां होगा?

Ans
✗ A. @
✗ B. ?
✗ C. +
✓ D. #

Q.60 शब्द DISTANT के प्रत्येक अक्षर को अंग्रेजी वर्णमाला क्रम में व्यवस्थित किया जाता है। इस प्रकार बने नए अक्षर-समूह में बाईं ओर से चौथे अक्षर और दाईं ओर से तीसरे अक्षर के बीच अंग्रेजी वर्णमाला क्रम में कितने अक्षर हैं?

Ans
✓ A. 4
✗ B. 3
✗ C. 6
✗ D. 2

Q.61 एक निश्चित कूट भाषा में,

A + B का अर्थ है कि 'A, B की बहन है',
A – B का अर्थ है कि 'A, B की पुत्री है',
A × B का अर्थ है कि 'A, B की पत्नी है',
और A ÷ B का अर्थ है कि 'A, B का पुत्र है'।

यदि 'P + Q – R × S ÷ T' है, तो P का T से क्या संबंध है?

Ans
✗ A. पुत्री की पुत्री
✓ B. पुत्र की पुत्री
✗ C. पुत्री
✗ D. बहन

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Q.62 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 74295863, how many digits will appear more than once in the new number thus formed?

Ans
- ✔ A. Three
- ✘ B. One
- ✘ C. Two
- ✘ D. Zero

Q.63 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

245 ÷ 64 × 448 − 562 + 381 = ?

Ans
- ✔ A. 216
- ✘ B. 226
- ✘ C. 126
- ✘ D. 206

Q.64 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

JFG−DZA
XTU−RNO

Ans
- ✘ A. YTT−RNO
- ✘ B. YUV−ROO
- ✔ C. YUV−SOP
- ✘ D. YTT−SOP

Q.65 दिए गए कथनों और निष्कर्षों को ध्यान से पढ़ें। यह मानते हुए कि कथनों में दी गई जानकारी सत्य है, भले ही वह सामान्यत: ज्ञात तथ्यों से भिन्न प्रतीत होती हो, तय करें कि दिए गए निष्कर्षों में से कौन-से निष्कर्ष कथनों का तार्किक रूप से अनुसरण करते हैं।

कथन:
सभी बाघ, कीवी हैं।
कोई बाघ, कबूतर नहीं है।

निष्कर्ष:
(I) कोई कीवी, कबूतर नहीं है।
(II) कुछ कबूतर, बाघ हैं।

Ans
- ✘ A. केवल निष्कर्ष (I) अनुसरण करता है
- ✘ B. निष्कर्ष (I) और (II) दोनों अनुसरण करते हैं
- ✘ C. केवल निष्कर्ष (II) अनुसरण करता है
- ✔ D. न तो निष्कर्ष (I) और न ही (II) अनुसरण करता है

Q.66 दी गई अक्षर, संख्या और प्रतीक शृंखला का संदर्भ लीजिए तथा दिए गए प्रश्न का उत्तर दीजिए। सभी संख्याएं एकल-अंकीय संख्याएं हैं।

(बाएं) M J € M 2 5 P & * T Z 6 E A # * 7 % Z & B * (दाएं)

यदि शृंखला से सभी प्रतीकों को हटा दिया जाए, तो निम्नलिखित में से क्या बाईं ओर से चौथे स्थान पर आएगा?

Ans
- ✘ A. *
- ✘ B. P
- ✘ C. 5
- ✔ D. 2

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Q.67 यह प्रश्न दिए गए शब्दों पर आधारित है।

DAN REX MIS LEO

प्रत्येक शब्द में, प्रत्येक स्वर को अंग्रेजी वर्णानुक्रम में उसके ठीक बाद वाले अक्षर से बदल दिया जाता है और प्रत्येक व्यंजन को अंग्रेजी वर्णानुक्रम में उससे ठीक पहले वाले अक्षर से बदल दिया जाता है। इस प्रकार निर्मित कितने अक्षर-समूह में कोई स्वर नहीं होगा?

Ans
- ✗ A. एक
- ✗ B. दो
- ✓ C. चार
- ✗ D. तीन

Q.68 What should come in place of the question mark (?) in the given series?

59 71 84 98 113 ?

Ans
- ✗ A. 133
- ✗ B. 127
- ✗ C. 131
- ✓ D. 129

Q.69 KHFM is related to QNLS in a certain way based on the English alphabetical order. In the same way, GDBI is related to MJHO. To which of the following is NKIP related, following the same logic?

Ans
- ✓ A. TQOV
- ✗ B. QTVO
- ✗ C. TQVO
- ✗ D. QTOV

Q.70 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
12 - 228 - 684 ;
18 - 342 - 1026

Ans
- ✗ A. 19 - 361 - 1066
- ✗ B. 11 - 209 - 667
- ✓ C. 16 - 304 - 912
- ✗ D. 15 - 285 - 866

Q.71 यह प्रश्न निम्नलिखित शब्दों पर आधारित है:
HEN INK BUS BAT
प्रत्येक शब्द में, प्रत्येक स्वर को अंग्रेजी वर्णमाला क्रम में उसके बाद वाले अक्षर से बदल दिया गया है और प्रत्येक व्यंजन को अंग्रेजी वर्णमाला क्रम में उसके पहले वाले अक्षर से परिवर्तित कर दिया गया है।
इस प्रकार बने कितने अक्षर-समूहों में कोई स्वर नहीं दिखाई देगा?

Ans
- ✗ A. तीन
- ✓ B. दो
- ✗ C. एक
- ✗ D. चार

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Q.72 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in question?
(NOTE – A two/three digit number cannot be broken into individual digits for operations, e.g., if 37 is followed by 10, the operation cannot be 3+7 as a two digit number cannot be broken into individual digits.)
2 – 13 – 33 – 40 ; 8 – 19 – 51 – 58

Ans
✗ A. 10 – 23 – 63 – 70
✗ B. 7 – 18 – 48 – 41
✓ C. 6 – 17 – 45 – 52
✗ D. 5 – 16 – 54 – 61

Q.73 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ A. JM - NQ
✓ B. MP - RT
✗ C. QT - UX
✗ D. PS - TW

Q.74 In a certain code language, 'have some lunch' is coded as 'cq xg ku' and 'they have left' is coded as 'ku nv hm'. How is 'have' coded in that language? (All the codes are two-letter codes only.)

Ans
✗ A. hm
✗ B. xg
✓ C. ku
✗ D. cq

Q.75 निम्नांकित अक्षर और प्रतीक श्रृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। गिनती केवल बाएं से दाएं की जानी है।

(बाएं) X % \ $ W U C N P R G N * A Y # T V A W O (दाएं)

ऐसे कितने प्रतीक हैं, जिनमें से प्रत्येक के ठीक पहले एक अक्षर है और ठीक बाद में भी एक अक्षर है?

Ans
✗ A. चार
✓ B. दो
✗ C. एक
✗ D. तीन

Q.76 What will come in place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '×' and '−' are interchanged?

23 − 4 + 2 × 4 ÷ 6 = ?

Ans
✗ A. 44
✗ B. 42
✓ C. 48
✗ D. 46

Q.77 S, T की पत्नी है। T, U का भाई है। U, V की माता है। S का V से क्या संबंध है?

Ans
✓ A. माता के भाई की पत्नी
✗ B. माता की माता
✗ C. बहन
✗ D. माता

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Q.78 The position(s) of how many letters will remain unchanged if each letter in the word HANDOUTS is arranged in the English alphabetical order?

Ans
✗ A. Three
✗ B. Four
✓ C. Two
✗ D. One

Q.79 सात बॉक्स E, F, G, H, W, X और Y एक के ऊपर एक रखे गए हैं, लेकिन ज़रूरी नहीं कि इसी क्रम में रखे गए हों।
केवल W को E के नीचे रखा गया है। G को Y के ऊपर रखा गया है। Y के ऊपर केवल एक बॉक्स रखा गया है। Y और F के बीच केवल X को रखा गया है।
H और W के बीच कितने बॉक्स रखे गए हैं?

Ans
✗ A. दो
✗ B. एक भी नहीं
✗ C. तीन
✓ D. एक

Q.80 D, F, G, H, J, K और L एक गोल मेज के परित: केंद्र की ओर अभिमुख होकर बैठे हैं।
F के बाईं ओर से गिनने पर, G और F के बीच ठीक दो व्यक्ति बैठे हैं। J के निकटतम पड़ोसी L और H हैं। D के दाईं ओर से गिनने पर, H और D के बीच ठीक एक व्यक्ति बैठा है। J के बाईं ओर से गिनने पर, J और F के बीच कितने व्यक्ति बैठे हैं?

Ans
✗ A. 4
✗ B. 2
✓ C. 1
✗ D. 3

Section : General Awareness and Current Affairs

Q.81 In May 2026, the Elite National Physical Disability Cricket Championship final was hosted in _____.

Ans
✗ A. Hyderabad
✓ B. Bengaluru
✗ C. Raipur
✗ D. Jaipur

Q.82 Which specific indigenously developed weapon system completed its final deliverable configuration development trials in May 2026?

Ans
✗ A. Akash-NG
✓ B. ULPGM-V3
✗ C. SANT-M1
✗ D. Helina-V2

Q.83 The Promotion and Regulation of Online Gaming Rules, 2026, came into force on _____.

Ans
✓ A. 1st May 2026
✗ B. 1st February 2026
✗ C. 1st March 2026
✗ D. 1st April 2026

Q.84 Who won the Laureus World Sportsman of the Year award at the 2026 Laureus World Sports Awards held in Madrid?

Ans
✗ A. Mondo Duplantis
✗ B. Tadej Pogačar
✓ C. Carlos Alcaraz
✗ D. Lando Norris

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Q.85 In May 2026, NITI Aayog convened the first meeting of a high-powered standing committee to boost India's global services market share. What is the target share and the specific goal set for 2047?

Ans

✗ A. 5% share of global manufacturing; $500 billion exports

✗ B. 8% share of global services; $1 trillion exports

✓ C. 10% share of the global services market; Viksit Bharat vision

✗ D. 15% share of global trade; 100 million new jobs

Q.86 The Prime Minister's Internship Scheme, launched in October 2024, was expanded in April 2026 to include which additional category of applicants?

Ans

✗ A. School students from Classes 9 to 12

✗ B. Foreign students studying in Indian universities

✓ C. Final-year graduate and post-graduate students

✗ D. Retired government employees below 60 years

Q.87 Who had assumed office as the Chief Minister of Tamil Nadu on 10 May 2026 representing the Tamilaga Vettri Kazhagam party?

Ans

✗ A. Edappadi K. Palaniswami

✗ B. M. K. Stalin

✓ C. C. Joseph Vijay

✗ D. K. Annamalai

Q.88 What was the name of the initiative organised by the Ministry of Environment, Forest and Climate Change on the sidelines of TERI's World Sustainable Development Summit 2026 in New Delhi to connect Himalayan researchers with industry and policymakers?

Ans

✗ A. Mountain Research Network

✓ B. Him-CONNECT

✗ C. Him-SAMVAD

✗ D. Himalayan Outreach Mission

Q.89 According to the second edition of the North Eastern Region (NER) District Sustainable Development Goals (SDG) Index Report (2023-24) released by NITI Aayog, which district recorded the highest score in the North Eastern Region Sustainable Development Goals (NER SDG) Index 2023–24?

Ans

✗ A. Gangtok (Sikkim)

✗ B. Aizawl (Mizoram)

✗ C. Agartala (Tripura)

✓ D. Hnahthial (Mizoram)

Q.90 In early 2026, which individual from Chhattisgarh was recognized for outstanding contributions in Social Work with the Padma Shri award?

Ans

✓ A. Dr. Budhri Tati

✗ B. Dr. Sunil Kumar

✗ C. Ms. Anjali Deshmukh

✗ D. Mr. Suresh Patel

Q.91 In 2026, which individual was honoured for their exceptional service in disaster management with the Subhash Chandra Bose Aapda Prabandhan Puraskar?

Ans

✓ A. Lieutenant Colonel Seeta Ashok Shelke

✗ B. Ms. Sunita Kumari

✗ C. Dr. Prakash Singh

✗ D. Major General Rakesh Sharma

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Q.92 Which football club won the Laureus World Team of the Year Award at the 2026 Laureus World Sports Awards, having swept six titles including their first-ever UEFA Champions League title?

Ans
- ✗ A. FC Barcelona
- ✗ B. Manchester City
- ✓ C. Paris Saint-Germain
- ✗ D. Real Madrid

Q.93 Under the nationwide immunization campaign launched in February 2026, which precise age group of adolescent girls is eligible to receive the Gardasil-4 vaccine free of cost?

Ans
- ✗ A. 16 years old
- ✗ B. 9 years old
- ✓ C. 14 years old
- ✗ D. 11 years old

Q.94 As per the Immigration and Foreigners (Amendment) Rules, 2026, notified by Ministry of Home Affairs in June 2026, foreigners arriving in India for up to how many days must register themselves before the expiry of their visa if they seek to extend their stay in the country?

Ans
- ✗ A. 250 days
- ✗ B. 210 days
- ✗ C. 240 days
- ✓ D. 180 days

Q.95 उपन्यास 'ताइवान ट्रैवलॉग (Taiwan Travelogue)', जिसने 2026 में प्रतिष्ठित अंतर्राष्ट्रीय बुकर पुरस्कार जीता, मूल रूप से किस लेखक द्वारा लिखा गया था?

Ans
- ✓ A. यांग शुआंग-ज़ी (Yang Shuang-zi)
- ✗ B. ची ता-वेई (Chi Ta-wei)
- ✗ C. लिन किंग (Lin King)
- ✗ D. वू मिंग-यी (Wu Ming-Yi)

Q.96 Which two countries signed a Statement of Intent to enhance cooperation in artificial intelligence and digital technologies on the sidelines of the India AI Impact Summit 2026?

Ans
- ✗ A. India and Japan
- ✗ B. India and Germany
- ✓ C. India and Sweden
- ✗ D. India and France

Q.97 In May 2026, the Target Olympic Podium Scheme (TOPS) was restructured to become the single nodal point for how many sports disciplines?

Ans
- ✗ A. 15
- ✗ B. 36
- ✓ C. 27
- ✗ D. 10

Q.98 In February 2026, NABARD released State Focus Papers primarily for planning which activity?

Ans
- ✗ A. Urban development corridor planning
- ✓ B. Priority sector credit planning
- ✗ C. Defence budget expenditure planning
- ✗ D. Renewable energy export planning

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Q.99 **Which initiative was announced in 2025 by India and the United Kingdom to advance digital inclusion and develop secure and innovative communications by linking university research with lab testing, field trials, and market deployment?**

Ans
- ✗ A. India-UK Cyber Security Cooperation Framework
- ✗ B. India-UK Digital Trade Facilitation Mechanism
- ✗ C. India-UK Emerging Technologies Partnership Platform
- ✓ D. India-UK Connectivity and Innovation Centre

Q.100 **Which act forms the basis for the National Sports Governance (National Sports Board) Rules, 2026?**

Ans
- ✓ A. National Sports Governance Act, 2025
- ✗ B. Sports Regulation Act, 2022
- ✗ C. National Sports Policy, 2024
- ✗ D. Sports Development Act, 2023

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सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	10/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Which of the following statements best explains why striking a bell in a vacuum does NOT produce sound we can hear?**

Ans
- ✔ A. Sound needs a medium to travel from the bell to our ears
- ✘ B. Light from the bell reaches our ears instead
- ✘ C. The bell does not vibrate in a vacuum
- ✘ D. The bell's material prevents sound from traveling

Q.2 **Most of the energy fixed by autotrophs is _____ at each trophic level.**

Ans
- ✘ A. Converted into organic matter
- ✔ B. Lost to the environment as heat
- ✘ C. Utilized for locomotion
- ✘ D. Stored in the organism

Q.3 **Which of the following best describes the image formed by a concave mirror when the object is placed just beyond the focal point but before the center of curvature?**

Ans
- ✘ A. Virtual, inverted, and magnified
- ✘ B. Virtual, upright, and diminished
- ✘ C. Real, upright, and same size
- ✔ D. Real, inverted, and magnified

Q.4 **A patient with severe lung disease has reduced oxygen intake. Which cellular pathway is likely to be upregulated in their muscle cells during exertion, and what product accumulates as a result?**

Ans
- ✘ A. Direct conversion of glucose to ATP without any by-products
- ✔ B. Anaerobic conversion of pyruvate to lactic acid, leading to lactic acid accumulation
- ✘ C. Anaerobic conversion of pyruvate to ethanol and carbon dioxide
- ✘ D. Aerobic breakdown of pyruvate to carbon dioxide and water

Q.5 **The commonly used catalysts for hydrogenation reactions are _____ and _____.**

Ans
- ✔ A. palladium, nickel
- ✘ B. nickel, sodium hydroxide
- ✘ C. palladium, conc. sulphuric acid
- ✘ D. conc. sulphuric acid, nickel

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Q.6 Two identical coils are placed near each other. If the current in the first coil is switched off suddenly, what will happen in the second coil?

Ans

✗ A. A steady current is induced in the second coil as long as the first coil remains off.

✗ B. No current is induced in the second coil because the coils are not connected.

✓ C. A current is momentarily induced in the second coil in a direction that tries to keep the magnetic field constant.

✗ D. A current is induced in the second coil that helps decrease the original magnetic field.

Q.7 Which of the following reactions violates the Law of Conservation of Mass?

Ans

✓ A. $2Mg + O_2 \rightarrow MgO$

✗ B. $2H_2 + O_2 \rightarrow 2H_2O$

✗ C. $Ca + Cl_2 \rightarrow CaCl_2$

✗ D. $H_2 + Cl_2 \rightarrow 2HCl$

Q.8 A force of 60 N is used to push a box, causing it to accelerate at 3 m/s². What is the mass of the box?

Ans

✗ A. 180 kg

✓ B. 20 kg

✗ C. 18 kg

✗ D. 15 kg

Q.9 Why does a tightly stretched drum skin make a different sound than a loose one?

Ans

✗ A. A tightly stretched drum skin is heavier than a loose one

✗ B. A tightly stretched drum skin is thicker than a loose one

✗ C. A tightly stretched drum skin contains more air than a loose one

✓ D. A tightly stretched drum skin vibrates faster than a loose one

---

Q.10 A couple is unable to conceive naturally due to blocked oviducts in the female. Which medical technique can help them achieve pregnancy?

Ans

✗ A. Artificial insemination

✗ B. Hormone therapy

✓ C. In-vitro Fertilisation

✗ D. Ultrasound imaging

Q.11 What is used as an anode in the electrolytic refining of nickel?

Ans

✗ A. Nickel carbonate

✓ B. Impure nickel

✗ C. Nickel sulphate

✗ D. Nickel acetate

Q.12 If you are given a transparent liquid that can conduct electricity and contains only one type of atom, what can you conclude?

Ans

✓ A. It is an element

✗ B. It is a heterogeneous mixture

✗ C. It is a solution

✗ D. It is a compound

Q.13 Why does carbon form a large number of compounds?

Ans

✗ A. Because carbon forms only single bonds

✓ B. Because the carbon-carbon bond is very strong and stable

✗ C. Because carbon cannot form rings

✗ D. Because carbon is highly reactive

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Q.14 What does a sphygmomanometer measure in the human body?

Ans
- ✗ A. Blood sugar
- ✗ B. Body temperature
- ✓ C. Blood pressure
- ✗ D. Heart rate

Q.15 What happens to the magnetic field around a straight current-carrying conductor if the direction of the current is reversed?

Ans
- ✓ A. The magnetic field direction reverses around the conductor.
- ✗ B. The magnetic field around the conductor disappears.
- ✗ C. The magnetic field around the conductor becomes zero.
- ✗ D. The magnetic field strength doubles around the conductor.

Q.16 A student needs to test whether a laboratory sample contains a strong base. Which procedure is most appropriate for confirming this?

Ans
- ✗ A. Dip blue litmus paper and check if it remains blue
- ✓ B. Add a drop of phenolphthalein and observe a pink colour
- ✗ C. Add methyl orange and look for a red colour
- ✗ D. Smell the solution for a sharp odour

Q.17 Which of the following bacteria is **INCORRECTLY** paired with its role?

Ans
- ✗ A. Nitrobacter — Conversion of nitrite to nitrate
- ✗ B. Azotobacter — Nitrogen fixation in soil
- ✗ C. Rhizobium — Nitrogen fixation in legumes
- ✓ D. Pseudomonas — Nitrification

Q.18 If you mix aqueous solutions of sodium sulphate and barium chloride, what type of chemical reaction occurs and what is the evidence for it?

Ans
- ✗ A. Redox reaction; gas evolution occurs
- ✗ B. Decomposition; heat release
- ✗ C. Single displacement; color of substance changes
- ✓ D. Double displacement; formation of a precipitate

Q.19 Consider the following statements about a seesaw used in a playground.
1. The central support acts as the fulcrum.
2. The weight of a child on one side may act as the load.
3. The force applied by a child on the opposite side may act as the effort.
4. A seesaw is an example of a first-class lever.
Which of the above statements are correct?

Ans
- ✗ A. 1, 2 and 4 only
- ✗ B. 1 and 2 only
- ✗ C. 1, 2 and 3 only
- ✓ D. 1, 2, 3 and 4

Q.20 Which statement correctly describes the difference between position vector and displacement vector?

Ans
- ✗ A. Both always have the same magnitude
- ✓ B. Position vector locates a point; displacement vector shows the change between two points
- ✗ C. Both always point in the same direction
- ✗ D. Position vector always shows the path traveled

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Q.21 A student calculates the work done on an object and its kinetic energy. In which SI unit should both quantities be expressed?

Ans

✔ A. Joule (J)

✘ B. Watt (W)

✘ C. Pascal (Pa)

✘ D. Newton (N)

Q.22 A researcher collects air samples from 90° North latitude and finds a persistent high-pressure system. The underlying process that explains this observation is:

Ans

✘ A. Rising of warm air from the surface

✘ B. Convergence at sub-tropical latitudes

✘ C. Surface flow from equatorial regions

✔ D. Sinking of cold, dense air in polar regions

Q.23 Two siblings from the same parents often look different from each other. Which process mainly causes this difference?

Ans

✔ A. Meiosis

✘ B. Mitosis

✘ C. Photosynthesis

✘ D. Respiration

Q.24 Consider two elements, X with atomic number 7 and Y with atomic number 8. Which of the following is correct about their number of protons?

Ans

✘ A. Both have same number of protons.

✔ B. Y has one more proton than X.

✘ C. Both have no protons.

✘ D. X has one more proton than Y.

Q.25 Which part of the plant vascular tissue is mainly responsible for transporting amino acids and soluble products of photosynthesis?

Ans

✔ A. Phloem

✘ B. Xylem

✘ C. Cortex

✘ D. Epidermis

Section : **Mathematics**

Q.26 Arvind bought an article for ₹x. He sold it to Biru at a loss of 11%. Biru spent ₹180 on its transportation and sold it to Minu at a profit of 60%. If Minu bought it for ₹1,000, then what is the value of x?

Ans

✘ A. 494

✔ B. 500

✘ C. 503

✘ D. 452

Q.27 Find the value of $(2^3)^4 \div 2^5$.

Ans

✘ A. 2^{12}

✘ B. 2^2

✘ C. 2^5

✔ D. 2^7

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Q.28 Given that $140^{0.86} = x$, $140^{0.74} = y$ and $x^z = y^7$, then the value of z is close to:

Ans
- ✗ A. 4.38
- ✓ B. 6.02
- ✗ C. 5.94
- ✗ D. 8.01

Q.29 If $a + b = 9$ and $ab = 13$, then the value of $a^3 + b^3$ is:

Ans
- ✓ A. 378
- ✗ B. 328
- ✗ C. 348
- ✗ D. 398

Q.30 The income of Raman is ₹49,000. He saves 27.5% of his income. If his income increases by 34% and expenditure increases by 20%, then his savings will:

Ans
- ✗ A. decrease by ₹9,550
- ✗ B. increase by ₹9,559
- ✗ C. decrease by ₹9,556
- ✓ D. increase by ₹9,555

Q.31 Naresh deposited a sum of ₹58,000 at 20% rate of interest per annum, compounded annually. The total amount received by Naresh after 2 years is:

Ans
- ✗ A. ₹83,229
- ✓ B. ₹83,520
- ✗ C. ₹83,119
- ✗ D. ₹83,159

Q.32 Find the simple interest (in ₹) on a sum of ₹550 borrowed for 2.5 years at a rate of interest of 4% per annum.

Ans
- ✗ A. 35
- ✗ B. 155
- ✗ C. 105
- ✓ D. 55

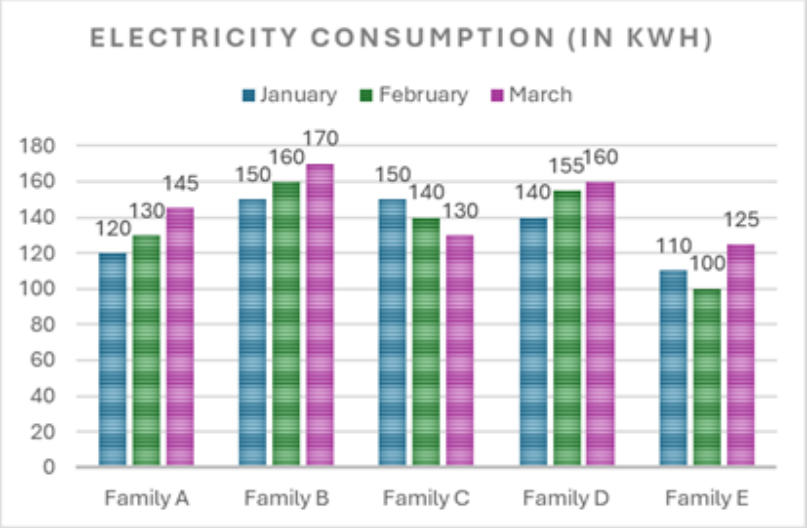
Q.33 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 85% and 27%, shop II allows successive discounts of 78% and 19%, shop III allows successive discounts of 24% and 27% and shop IV allows successive discounts of 24%, 94% and 74% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✓ A. IV
- ✗ B. I
- ✗ C. II
- ✗ D. III

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Q.34 The given bar graph shows electricity consumption (in kWh) for five households (Family A, B, C, D, E) over a period of three months (January to March).



Which family is with the highest electricity consumption and determine how much more they consumed (in kWh) compared to the family with the lowest usage over the three-month period?

Ans

✗ A. A, and 145

✓ B. B, and 145

✗ C. E, and 146

✗ D. C, and 142

Q.35 **The sum of three prime numbers is 112. If one number exceeds the other by 36, what is the product of these numbers?**

Ans

✓ A. 5402

✗ B. 4516

✗ C. 4826

✗ D. 5678

Q.36 **In a 1 km race, A beats B by 50 m. In 800 m race, B beats C by 40 m. In a 200 m race, by what distance (in m) does A beat C?**

Ans

✓ A. 19.5

✗ B. 25

✗ C. 18

✗ D. 22.5

Q.37 **A train, 150 m in length, running at a speed of 72 km/hr crosses another train thrice as fast as this train and running in the same direction on parallel lines in 10 seconds. Find the length (in m) of the second train.**

Ans

✗ A. 300

✗ B. 320

✓ C. 250

✗ D. 280

Q.38 **The ratio of the present ages of Anil and Rohit is 7 : 9. After 8 years, the ratio will become 9 : 11. What is Anil's present age?**

Ans

✗ A. 42

✗ B. 21

✗ C. 35

✓ D. 28

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Q.39 If the mean of the following data is 47, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	36	18	29	20	x

Ans
- ✗ A. 227
- ✓ B. 242
- ✗ C. 270
- ✗ D. 243

Q.40 Find the compound interest on ₹8,324 at 5% per annum for 2 years, compounded annually.

Ans
- ✗ A. ₹841.11
- ✗ B. ₹875.41
- ✗ C. ₹865.31
- ✓ D. ₹853.21

Q.41 Which of the following identities is correct?

Ans
- ✓ A. $\sec^2\theta - \tan^2\theta = 1$
- ✗ B. $\text{cosec}^2\theta + \cot^2\theta = 1$
- ✗ C. $\sec^2\theta + \tan^2\theta = 1$
- ✗ D. $\sin^2\theta - \cos^2\theta = 1$

Q.42 The median of a moderately skewed distribution is 32 and the mean is 30. Find the mode of the data.

Ans
- ✗ A. 35
- ✗ B. 40
- ✓ C. 36
- ✗ D. 32

Q.43 An observer on the top of a cliff, 249 m above the sea-level, observes the angles of depression of two ships to be 30°and 60°, respectively. What is the distance (in m) between the ships if they are on opposite sides of the cliff?

Ans
- ✓ A. $332\sqrt{3}$
- ✗ B. $249\sqrt{3}$
- ✗ C. $332\sqrt{2}$
- ✗ D. $249\sqrt{2}$

Q.44 A number is first increased by 20% and then decreased by 12%. Find the net percentage increase or decrease in the number.

Ans
- ✗ A. 4.3% decrease
- ✓ B. 5.6% increase
- ✗ C. 4.8% decrease
- ✗ D. 5.2% increase

Q.45 A solid metal sphere of radius 6 cm is melted and cast into small solid cones, each having radius 3 cm and height 4 cm. How many complete cones can be formed?

Ans
- ✗ A. 30
- ✗ B. 18
- ✗ C. 36
- ✓ D. 24

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Q.46 A factory has two machines, X and Y. Machine X can produce 200 units in 5 hours, and machine Y can produce 180 units in 6 hours. If both machines work together for 3 hours and then only machine X works for 2 more hours, how many units are produced in total?

Ans

✗ A. 350 units

✗ B. 310 units

✓ C. 290 units

✗ D. 280 units

Q.47 The sum of the radius of the base and the height of a cylinder is 48 cm. If the ratio of the curved surface area to the total surface area of the cylinder is 5:8, find the difference between the total surface area and the curved surface area of the cylinder. (Use π = 3.14)

Ans

✗ A. 2,186.59 cm^2

✓ B. 2,034.72 cm^2

✗ C. 2,108.38 cm^2

✗ D. 2,058.63 cm^2

Q.48 Two circles with centres C_1 and C_2 have radii r_1 and r_2, respectively. If the distance between their centres is equal to $r_2 - r_1$, then how many common tangents can be drawn to the two circles?

Ans

✗ A. 2

✗ B. 0

✗ C. 3

✓ D. 1

Q.49 If (2x + 5), (3x + 7) and (4x + 9) are in continued proportion, find the values of x.

Ans

✗ A. x = 2 , 2

✓ B. x = -2, -2

✗ C. x = 3, -3

✗ D. x = 2, -2

Q.50 Three types of milk, A, B, and C, have concentrations of 12%, 18%, and 24%, respectively. If they are mixed in the ratio 2 : 4 : p to create a mixture with a 20% concentration, what is the value of p?

Ans

✗ A. 3

✗ B. 2

✓ C. 6

✗ D. 4

Section : General Intelligence and Reasoning

Q.51 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

VUX YXA BAD EDG ?

Ans

✗ A. HIK

✗ B. HHI

✓ C. HGJ

✗ D. HFI

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Q.52 ACEG is related to YACE in a certain way based on the English alphabetical order. In the same way, RTVX is related to PRTV. To which of the following options is MOQS related, following the same logic?

Ans
- ✗ A. KMQO
- ✓ B. KMOQ
- ✗ C. KMOP
- ✗ D. KMIU

Q.53 F is father of G. G is brother of H. H is mother of I. How is F related to I?

Ans
- ✗ A. Sister
- ✗ B. Father's Mother
- ✗ C. Father
- ✓ D. Mother's Father

Q.54 Each letter in the word DROUGHT is changed to the letter immediately preceding it in the English alphabetical order and then all the letters in the cluster thus formed are arranged in the English alphabetical order. Which of the following letters will be fifth from the right in the new group of letters thus formed?

Ans
- ✓ A. G
- ✗ B. C
- ✗ C. T
- ✗ D. N

Q.55 Uday ranked 45th from the top and 81st from the bottom in his class. How many students are there in his class?

Ans
- ✓ A. 125
- ✗ B. 126
- ✗ C. 124
- ✗ D. 127

Q.56 21 is related to 199 following a certain logic. Following the same logic, 16 is related to 154. To which of the given options is 19 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 151
- ✗ B. 161
- ✗ C. 171
- ✓ D. 181

Q.57 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week, starting from Monday and ending on Sunday. R has an exam on one of the days before Thursday but not on Tuesday. Only two people have an exam between R and V. V has an exam immediately before Q. As many people have an exam after Q as before U. P has an exam immediately before T. Only one person has an exam between P and S. Who has an exam on Tuesday?

Ans
- ✗ A. Q
- ✗ B. U
- ✓ C. S
- ✗ D. V

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Q.58 Six people, A, B, C, D, E, and F, are sitting in a straight line, facing the north.
Only one person sits to the right of D. C sits to the immediate right of B. Only A sits between D and F.
Who sits at the extreme left end of the line?

Ans
- ✗ A. C
- ✗ B. F
- ✗ C. E
- ✓ D. B

Q.59 This question is based on the given words.

BOX TUG PAN SEW

If in each of the words, each letter is changed to the immediately following letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans
- ✗ A. Three
- ✗ B. Four
- ✓ C. Two
- ✗ D. One

Q.60 Raghav starts from Point A and drives 26 km towards the west. He then takes a right turn, drives 15 km, turns right and drives 32 km. He then takes a right turn and drives 21 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 6 km to the south
- ✗ B. 5 km to the south
- ✓ C. 6 km to the north
- ✗ D. 5 km to the north

Q.61 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✓ A. CG-KP
- ✗ B. AE-IO
- ✗ C. KO-SY
- ✗ D. SW-AG

Q.62 17 is related to 68 following a certain logic. Following the same logic, 29 is related to 116. To which of the given options is 41 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 168
- ✗ B. 162
- ✗ C. 166
- ✓ D. 164

Q.63 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: TSZ:: JGD : %

Ans
- ✓ A. #=RUX, %= LEF
- ✗ B. #=RUY, %= LEF
- ✗ C. #=RUX, %= LEE
- ✗ D. #=RUX, %= MEF

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Q.64 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✔ A. JO - NR
- ✘ B. BF - EI
- ✘ C. MQ - PT
- ✘ D. KO - NR

Q.65 What should come in place of the question mark (?) in the given series?

98 102 111 127 152 ?

Ans
- ✘ A. 190
- ✘ B. 185
- ✘ C. 182
- ✔ D. 188

Q.66 Each vowel in the word QUALITY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be second from the left in the new group of letters thus formed?

Ans
- ✔ A. V
- ✘ B. P
- ✘ C. K
- ✘ D. B

Q.67 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
I sits to the immediate right of Q. P sits to the immediate right of J. Only three people sit between I and Z when counted from the left of I. Only three people sit between Q and K. How many people sit between Q and J when counted from the right of J?

Ans
- ✘ A. Two
- ✘ B. Four
- ✘ C. Three
- ✔ D. One

Q.68 This question is based on the given words.

OPE HER KID SKY

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✘ A. Two
- ✔ B. Three
- ✘ C. One
- ✘ D. Four

Q.69 In a certain code language "KBNY" is coded as "43" and "RBXU" is coded as "30". What is the code for "WIJM" in the given language?

Ans
- ✔ A. 40
- ✘ B. 38
- ✘ C. 46
- ✘ D. 33

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Q.70 In a certain code language,
A + B means 'A is the brother of B',
A – B means 'A is the daughter of B',
A × B means 'A is the husband of B', and
A ÷ B means 'A is the mother of B'.

How is P related to T if 'P + Q – R × S – T'?

Ans
- ✔ A. Daughter's son
- ✘ B. Son
- ✘ C. Brother
- ✘ D. Son's son

Q.71 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

MQ-UY-CG
TX-BF-JN

Ans
- ✘ A. AE-IM-LM
- ✔ B. AE-IM-QU
- ✘ C. AE-IM-AS
- ✘ D. AE-IM-BH

Q.72 In a certain code language, 'down the road' is coded as 'qb ko np' and 'shutter is down' is coded as 'mc np ev'. How is 'down' coded in that language? (All the codes are two-letter codes only.)

Ans
- ✔ A. np
- ✘ B. ko
- ✘ C. ev
- ✘ D. qb

Q.73 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 52183475, what will be difference between the highest and lowest digits in the number thus formed?

Ans
- ✘ A. 7
- ✔ B. 9
- ✘ C. 10
- ✘ D. 8

Q.74 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) * * © © G @ A & © C X # C J * T $ F N @ $ & (Right)

How many such letters are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

Ans
- ✘ A. 2
- ✘ B. 5
- ✘ C. 4
- ✔ D. 3

Q.75 K, B, V, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only two people live above F. V lives on an even-numbered floor but above F. Only two people live between K and F. D lives immediately below B.
How many people live between E and F?

Ans
- ✘ A. Two
- ✘ B. One
- ✔ C. None
- ✘ D. Three

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Q.76 What will come in place of the question mark '?' in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

35 × 5 ÷ 7 – 11 + 9 = ?

Ans
- ✗ A. 45
- ✗ B. 49
- ✓ C. 51
- ✗ D. 47

Q.77 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) V L E A O B K O C H R E X I S W O J H U C L (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans
- ✓ A. 1
- ✗ B. 0
- ✗ C. 2
- ✗ D. 3

Q.78 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1537246, what will be difference between the highest and lowest digits in the number thus formed?

Ans
- ✓ A. 8
- ✗ B. 9
- ✗ C. 7
- ✗ D. 6

Q.79 In a certain code language, 'running is good habit' is coded as 'gn yb dm hc' and 'they are good boys' is coded as 'yb gt ol pk'. How is 'good' coded in that language? (All the codes are two-letter codes only.)

Ans
- ✓ A. yb
- ✗ B. hc
- ✗ C. gt
- ✗ D. ol

Q.80 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 3 2 4 7 8 1 4 5 2 7 6 5 4 7 8 9 2 5 4 7 3 1 6 9 5 3 (Right)

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

Ans
- ✗ A. One
- ✗ B. More than three
- ✗ C. Three
- ✓ D. Two

Section : **General Awareness and Current Affairs**

Q.81 A landmark defence pact between India and Russia came into force in early 2026, allowing reciprocal access to military bases. What is this agreement called?

Ans
- ✗ A. LEMOA (Logistics Exchange Memorandum of Agreement)
- ✗ B. BECA (Basic Exchange and Cooperation Agreement)
- ✓ C. RELOS (Reciprocal Exchange of Logistics Support)
- ✗ D. COMCASA (Communications Compatibility and Security Agreement)

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Q.82 In the Union Budget 2025–26, India's total defense allocation reached a record high of approximately how much, reflecting the government's sustained focus on military modernization and Atmanirbharta (self-reliance)?

Ans
- ✔ A. ₹6.81 lakh crore
- ✘ B. ₹5.61 lakh crore
- ✘ C. ₹8.81 lakh crore
- ✘ D. ₹4.33 lakh crore

Q.83 At the ISSF World Cup in Munich in May 2026, which shooter set a new World Record score of 43 to win gold in the Women's 25m Pistol event?

Ans
- ✘ A. Heena Sidhu
- ✔ B. Esha Singh
- ✘ C. Shreyasi Singh
- ✘ D. Manu Bhaker

Q.84 Which cinema legend was honored with a Padma Bhushan at the 2026 Civil Investiture Ceremony for contributions to Malayalam and Indian cinema?

Ans
- ✔ A. Mammootty
- ✘ B. Kamal Haasan
- ✘ C. Chiranjeevi
- ✘ D. Mohanlal

Q.85 What was the primary objective of the Constitution (131st Amendment) Bill, 2026?

Ans
- ✘ A. To establish simultaneous elections across India
- ✘ B. To abolish the Rajya Sabha nomination process
- ✔ C. To operationalise women's reservation through delimitation
- ✘ D. To create a new constitutional court system

Q.86 Who among the following was awarded the Padma Shri in January 2026 for contribution in the field of sports?

Ans
- ✘ A. Deepika Reddy
- ✘ B. Gambir Singh Yonzone
- ✘ C. Inderjit Singh Sidhu
- ✔ D. Baldev Singh

Q.87 As per the Union Budget 2025-26, the Foreign Direct Investment (FDI) limit for the insurance sector is to be raised for those companies which invest the entire premium in India from 74% to a maximum of _____.

Ans
- ✘ A. 90%
- ✘ B. 80%
- ✘ C. 95%
- ✔ D. 100%

Q.88 Which long-term national vision does Jal Jeevan Mission 2.0, as reinforced in the April 2026 MoUs, align with?

Ans
- ✔ A. Viksit Bharat @2047
- ✘ B. Make in India Vision
- ✘ C. Digital India 2030
- ✘ D. Swachh Bharat Mission 2.0

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Q.89 Which film actor received the Padma Bhushan award in the field of arts in January 2026?

Ans
- ✗ A. Kamal Haasan
- ✗ B. Rajinikanth
- ✓ C. Mammootty
- ✗ D. Ranveer Singh

Q.90 What was the name of the mobile application launched by the Ministry of Social Justice & Empowerment in May 2026 to enhance safety, welfare, healthcare access, and social inclusion for senior citizens in India?

Ans
- ✗ A. SAHARA
- ✗ B. JEEVIKA
- ✗ C. SENIOR
- ✓ D. JEEVAN

Q.91 Which U.S. Secretary of State had called on Prime Minister Narendra Modi in May 2026 and briefed him on the progress in bilateral cooperation across sectors including defence, trade, and energy security?

Ans
- ✗ A. Jake Sullivan
- ✗ B. Antony Blinken
- ✓ C. Marco Rubio
- ✗ D. Pete Hegseth

Q.92 The Transgender Persons (Protection of Rights) Amendment Bill, 2026, passed by the Parliament in March 2026, removed which major safeguard that had been recognised under the original 2019 Act?

Ans
- ✗ A. Establishment of welfare and rehabilitation schemes
- ✗ B. Statutory protection against discrimination
- ✗ C. Constitution of the National Council for Transgender Persons
- ✓ D. Recognition of self-perceived gender identity

Q.93 Which state hosted the Maroon Beret Ceremonial Parade in 2026 marking the successful completion of training of the Indian Air Force Special Forces operatives at Air Force Station, Chandinagar?

Ans
- ✗ A. Haryana
- ✗ B. Rajasthan
- ✗ C. Punjab
- ✓ D. Uttar Pradesh

Q.94 On March 11, 2026, the Supreme Court of India delivered a historic first-of-its-kind order in the case of Harish Rana v. Union of India, permitting the withdrawal of life-sustaining treatment for a man who had been in a Persistent Vegetative State for over 13 years. Which constitutional right did the Court invoke as the basis for this landmark passive euthanasia ruling?

Ans
- ✗ A. Article 14
- ✗ B. Article 19
- ✓ C. Article 21
- ✗ D. Article 32

Q.95 In March 2026, India hosted the 12th Steering Committee Meeting of which international anti-corruption network in New Delhi?

Ans
- ✗ A. International Anti-Corruption Academy (IACA)
- ✗ B. Egmont Group of Financial Intelligence Units
- ✓ C. Global Operational Network of Anti-Corruption Law Enforcement Authorities (GlobE Network)
- ✗ D. Financial Action Task Force (FATF)

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Q.96 Which organization was entrusted with the responsibility of implementing the 'Bharat Industrial Development Scheme' (BHAVYA) in March 2026?

Ans

✗ A. Ministry of Micro, Small and Medium Enterprises

✗ B. Industrial Finance Corporation of India

✗ C. National Small Industries Corporation

✓ D. National Industrial Corridor Development Corporation

Q.97 The Union Budget 2026–27 announced "Biopharma SHAKTI" to develop India as a global biopharma hub. What does the acronym SHAKTI in Biopharma-SHAKTI stands for?

Ans

✗ A. Scheme for Health and Knowledge Advancement through Technology and Industry

✗ B. Strategy for Healthcare Access through Knowledge, Training and Infrastructure

✗ C. System for High-value Advancement through Knowledge Transfer and Innovation

✓ D. Strategy for Healthcare Advancement through Knowledge, Technology and Innovation

Q.98 In May 2026, which two Indian journalists, along with Bloomberg's Natalie Obiko Pearson, won the Pulitzer Prize in the Illustrated Reporting and Commentary category for a project exposing cybercrime in India?

Ans

✓ A. Anand RK and Suparna Sharma

✗ B. Aniruddha Ghosal and Ravish Kumar

✗ C. Anand RK and Aniruddha Ghosal

✗ D. Suparna Sharma and Aniruddha Ghosal

Q.99 Which former Olympic gold medalist received the Major Dhyan Chand Lifetime Achievement Award at the Hockey India Awards in March 2026?

Ans

✗ A. Harbinder Singh

✗ B. PR Sreejesh

✗ C. Ashok Dhyanchand

✓ D. Zafar Iqbal

Q.100 At the Seiko Golden Grand Prix in Tokyo in May 2026, Yemi Mary John became the first European in 2026 to break the 50-second barrier in which event?

Ans

✗ A. 300 meters

✓ B. 400 meters

✗ C. 800 meters

✗ D. 600 meters

"

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	11/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **If a student wants to observe cells that are actively dividing to increase the length of a plant stem or root, which specific tissue should they examine under the microscope?**

Ans
- ✗ A. Lateral meristem
- ✓ B. Apical meristem
- ✗ C. Permanent tissue
- ✗ D. Intercalary meristem

Q.2 **According to Rutherford's model, positive charge is:**

Ans
- ✗ A. Present with electrons
- ✓ B. Concentrated at the centre
- ✗ C. Found in outer shells
- ✗ D. Spread uniformly in the atom

Q.3 **Which of the following hydrocarbons will undergo an addition reaction most readily?**

Ans
- ✗ A. Ethane
- ✗ B. Methane
- ✓ C. Ethene
- ✗ D. Propane

Q.4 **Refer to the two statements given below and choose the CORRECT option.**

Statement A: A decomposition reaction occurs when a single compound breaks down into two or more simpler substances.
Statement B: Decomposition reactions always require the presence of oxygen.

Ans
- ✗ A. Both statements A and B are incorrect.
- ✗ B. Both statements A and B are correct.
- ✗ C. Statement A is incorrect but B is correct.
- ✓ D. Statement A is correct but B is incorrect.

Q.5 **What is the primary function of stomata in plant leaves during photosynthesis?**

Ans
- ✗ A. Prevent entry of CO_2
- ✗ B. Absorption of Oxygen
- ✗ C. Maintain constant leaf temperature
- ✓ D. Allow gaseous exchange

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Q.6 A scientist wants to ensure that a human zygote formed in a laboratory dish has the correct number of chromosomes. Number of chromosomes this zygote should have are:

Ans
- ✗ A. 23
- ✗ B. 92
- ✗ C. 69
- ✓ D. 46

Q.7 A conservation biologist is prioritizing areas for protection. She notices a region with many species unique to that area, and much of its habitat has been destroyed. Based on definition, which term best describes this region?

Ans
- ✗ A. Endemic region
- ✗ B. Biodiverse ecosystem
- ✓ C. Biodiversity hotspot
- ✗ D. Ecological niche

Q.8 The cloudy appearance of soap solution is due to:

Ans
- ✓ A. Scattering of light by micelles
- ✗ B. Absorption of light by oil
- ✗ C. Reflection of light by bubbles
- ✗ D. Refraction of light by ions

Q.9 A ray passing through the center of curvature of a concave mirror strikes the mirror. What is the path of the reflected ray?

Ans
- ✗ A. It becomes parallel to the axis
- ✗ B. It passes through the focus
- ✓ C. It retraces its original path
- ✗ D. It diverges from the principal axis

Q.10 Which of the following best describes a load?

Ans
- ✗ A. The force applied downward
- ✗ B. The energy stored in a system
- ✗ C. A machine used for lifting
- ✓ D. The object being moved or lifted

Q.11 If the resistance of a wire is doubled and same current flows through it for same time, heat produced will:

Ans
- ✗ A. Become half
- ✗ B. Remain same
- ✗ C. Become four times
- ✓ D. Become double

Q.12 A teacher uses two prisms placed in opposite orientations and passes a beam of white light through both. What is the expected outcome on a screen placed after the second prism?

Ans
- ✗ A. A new set of colors emerge beyond the original ones
- ✗ B. A spectrum with reversed color order forms
- ✓ C. A single white patch appears on the screen
- ✗ D. A black region appears where the beam ends

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Q.13 When sodium hydroxide is dissolved in water, which type of ions are mainly responsible for making the solution basic?

Ans

✗ A. Carbonate ions (CO_3^{2-})

✗ B. Sodium ions (Na^+)

✗ C. Hydrogen ions (H^+)

✓ D. Hydroxide ions (OH^-)

Q.14 The right hand thumb rule is also known as _____.

Ans

✗ A. Fleming's rule

✗ B. Ohm's rule

✗ C. Faraday's rule

✓ D. Maxwell's corkscrew rule

Q.15 The maximum number of electrons present in a shell is given by the formula: (here, 'n' is the orbit number)

Ans

✗ A. $2n^{-2}$

✗ B. 2n

✓ C. $2n^2$

✗ D. $2n^3$

Q.16 Which of the following best explains why ionic compounds are hard but brittle?

Ans

✗ A. They are liquids at room temperature

✗ B. They have a metallic lattice

✗ C. Weak attractions make them soft and flexible

✓ D. Strong attractions make them hard; shifting layers break them apart

Q.17 You are given three mixtures: muddy water, sugar solution, and milk. Which one is a suspension?

Ans

✗ A. Sugar solution

✗ B. Muddy Sugar

✓ C. Muddy water

✗ D. Milk

Q.18 What is the main function of the ozone layer in the upper part of the atmosphere?

Ans

✗ A. Causing rainfall

✗ B. Producing oxygen to support aerobic life

✓ C. Absorbing ultraviolet radiation coming from the sun

✗ D. Increasing atmospheric carbon dioxide levels

Q.19 A group of students is designing a wheelchair ramp for their school entrance. According to the concept of a simple machine, which modification would make it easier to push a wheelchair to the same height?

Ans

✗ A. Adding friction material to the ramp surface to slow down movement

✗ B. Making the ramp steeper by decreasing its length for the same height

✓ C. Increasing the length of the ramp while keeping its height constant

✗ D. Adding steps instead of a ramp to reach the same height

Q.20 Which scenario best demonstrates an unbalanced force acting on an object?

Ans

✗ A. A cup sitting on a desk not moving

✓ B. A soccer ball starts rolling after being kicked

✗ C. A picture hanging stationary on a wall

✗ D. A car parked at rest in a garage

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Q.21 **Which form of cancer has a high occurrence in India due to the use of gutkha?**

Ans

✗ A. Bone cancer

✗ B. Prostate cancer

✗ C. Skin cancer

✓ D. Oral cancer

Q.22 **Which sequence correctly represents the increase in concentration of a pesticide in a food chain?**

Ans

✗ A. Hawk → Snake → Frog → Grasshopper → Grass

✗ B. Grasshopper → Grass → Frog → Hawk → Snake

✓ C. Grass → Grasshopper → Frog → Snake → Hawk

✗ D. Grass → Frog → Grasshopper → Snake → Hawk

Q.23 **Which statement best describes the primary evolutionary significance of fat storage in a camel's hump?**

Ans

✗ A. It provides a direct substitute for milk production to feed offspring.

✓ B. It provides a structural reserve supporting survival in extreme environments.

✗ C. It lowers body mass to facilitate rapid escape from desert predators.

✗ D. It alters anatomical characteristics to change taxonomic classification.

Q.24 **When a person standing underwater looks upward at a tree located on the bank, the tree appears to be at a position different from its original location. Which of the following principles is responsible for this apparent shift in the position?**

Ans

✗ A. Water disperses the light from the tree into different colors.

✓ B. Light rays from the tree bend due to refraction at the water-air interface.

✗ C. Light rays from the tree are reflected at the water surface.

✗ D. The tree image is formed due to diffraction at the water surface.

Q.25 **What is the effect of unbalanced forces on an object at rest?**

Ans

✗ A. It changes the color of the object

✗ B. It keeps the object at rest

✓ C. It causes the object to start moving

✗ D. It always increases the mass of the object

Section : **Mathematics**

Q.26 **A car travels at a constant speed of 40 km/hr for 30 minutes, followed by a constant speed of 60 km/h for the next 40 minutes. What is the car's average speed (in km/hr) over the entire journey, rounded off to two decimal places?**

Ans

✗ A. 53.72

✗ B. 54.67

✓ C. 51.43

✗ D. 50.34

Q.27 **Which of the following numbers is divisible by 9?**

Ans

✗ A. 4,317

✓ B. 5,328

✗ C. 3,624

✗ D. 6,018

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Q.28 A and B jointly start a business. The investment of A is equal to three times the investment of B. Find the share of A in the annual profit of ₹5,524.

Ans
- ✗ A. ₹4,123
- ✗ B. ₹4,113
- ✗ C. ₹4,133
- ✓ D. ₹4,143

Q.29 The average of 4 consecutive odd numbers is 36. The sum of the largest and smallest numbers among them is:

Ans
- ✗ A. 74
- ✗ B. 68
- ✗ C. 66
- ✓ D. 72

Q.30 If the height and base radius of a cylinder are increased by 10% and by 5% respectively, then by what percent will its volume increase? (rounded off to 1 decimal place)

Ans
- ✗ A. 24.2%
- ✗ B. 22.2%
- ✗ C. 20.3%
- ✓ D. 21.3%

Q.31 Find the area of a triangle whose vertices are A(3,2), B(11,6), and C(7,14).

Ans
- ✗ A. 36 $unit^2$
- ✗ B. 42 $unit^2$
- ✗ C. 32 $unit^2$
- ✓ D. 40 $unit^2$

Q.32 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 54% and 61%, shop II allows successive discounts of 17% and 49%, shop III allows successive discounts of 25% and 36% and shop IV allows successive discounts of 95%, 20% and 68% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. II
- ✗ B. I
- ✗ C. III
- ✓ D. IV

Q.33 A town's population increases by 25% every year. If the current population is 16,000, what will be the population after 3 years?

Ans
- ✗ A. 32,000
- ✓ B. 31,250
- ✗ C. 28,800
- ✗ D. 30,250

Q.34 A bank offers 4.5% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹8,138 each on 1 January and 1 July of a year. At the end of the year, the interest is: (correct to two decimal places)

Ans
- ✗ A. ₹538.12
- ✓ B. ₹553.43
- ✗ C. ₹562.53
- ✗ D. ₹540.05

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Q.35 The mean marks obtained by 350 students in a subject are 75. The mean of top 100 students was found to be 85 and the mean of last 100 students was found to be 65. The mean marks of the remaining 150 students are:

Ans
- ✗ A. 55
- ✗ B. 65
- ✗ C. 85
- ✓ D. 75

Q.36 Simplify: $\frac{\cot A + \operatorname{cosec} A - 1}{\cot A + 1 - \operatorname{cosec} A} - \frac{1}{\sin A} - \cot A$

Ans
- ✗ A. $\sec A$
- ✗ B. 1
- ✗ C. $\sin A$
- ✓ D. 0

Q.37 A man spends ₹3654 per month and saves $12\frac{1}{2}\%$ of his income. His monthly income is

Ans
- ✗ A. ₹4166
- ✓ B. ₹4176
- ✗ C. ₹4186
- ✗ D. ₹4196

Q.38 Two trains are running towards each other from station A and station B at speeds of 70 km/h and 80 km/h, respectively. When they meet each other, it is noticed that the second train covers 150 km more than the first train. What is the distance between the two stations?

Ans
- ✗ A. 2230 km
- ✗ B. 2240 km
- ✗ C. 2260 km
- ✓ D. 2250 km

Q.39 If $\cos A = \frac{5}{13}$, and A is an acute angle, then the value of $\frac{\sin A}{\cos A}$ is:

Ans
- ✗ A. $\frac{12}{13}$
- ✓ B. $\frac{12}{5}$
- ✗ C. $\frac{\frac{13}{5}}{5}$
- ✗ D. $\frac{5}{12}$

Q.40 The present ages of two brothers are in the ratio 3 : 5. After 12 years from now, their ages will be in the ratio 9 : 11. What is the current age of the younger brother?

Ans
- ✗ A. 18 years
- ✗ B. 12 years
- ✓ C. 6 years
- ✗ D. 10 years

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Q.41 On selling a laptop at a 10% loss and a desktop at a 15% gain, Rita gains ₹8,000 in total. If she sells the laptop at a 10% gain and the desktop at a 20% gain, she gains ₹20,000 in total. Find the cost price (in ₹) of the laptop.

Ans
- ✗ A. 36,000
- ✗ B. 80,000
- ✗ C. 60,000
- ✓ D. 40,000

Q.42 The 7-digit number 45A216B is divisible by 3. What is the minimum value of (A + B)?

Ans
- ✗ A. 5
- ✓ B. 0
- ✗ C. 2
- ✗ D. 3

Q.43 The mean and the mode of a set of data are 62.4 and 36.8, respectively. Find the median of the data, using the empirical formula. (Round off to one decimal place)

Ans
- ✗ A. 55.5
- ✗ B. 54.2
- ✓ C. 53.9
- ✗ D. 55.8

Q.44 A man is 24 years older than his son. In two years from now, his age will be twice the age of his son. The present age of his son is

Ans
- ✗ A. 21 years
- ✓ B. 22 years
- ✗ C. 26 years
- ✗ D. 25 years

Q.45 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 9 hours and pipe C can fill the same tank in 18 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans
- ✗ A. 2
- ✓ B. 1
- ✗ C. 4
- ✗ D. 3

Q.46 Find the simple interest (in ₹) on a sum of ₹500 borrowed for 3.5 years at a rate of interest of 29% per annum.

Ans
- ✗ A. 450
- ✗ B. 330
- ✓ C. 350
- ✗ D. 400

Q.47 What is the least value that must be assigned to A so that the number 717A0280 is divisible by 3?

Ans
- ✓ A. 2
- ✗ B. 5
- ✗ C. 8
- ✗ D. 1

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Q.48 Raghu is 140 cm tall. He is standing 180 cm away from a lamp post. His shadow from the light is 70 cm long. Find the height of the lamp post.

Ans

✗ A. 300 cm

✓ B. 500 cm

✗ C. 350 cm

✗ D. 250 cm

Q.49 The income of Raman is ₹70,900. He saves 12% of his income. If his income increases by 39% and expenditure increases by 50%, then his savings will:

Ans

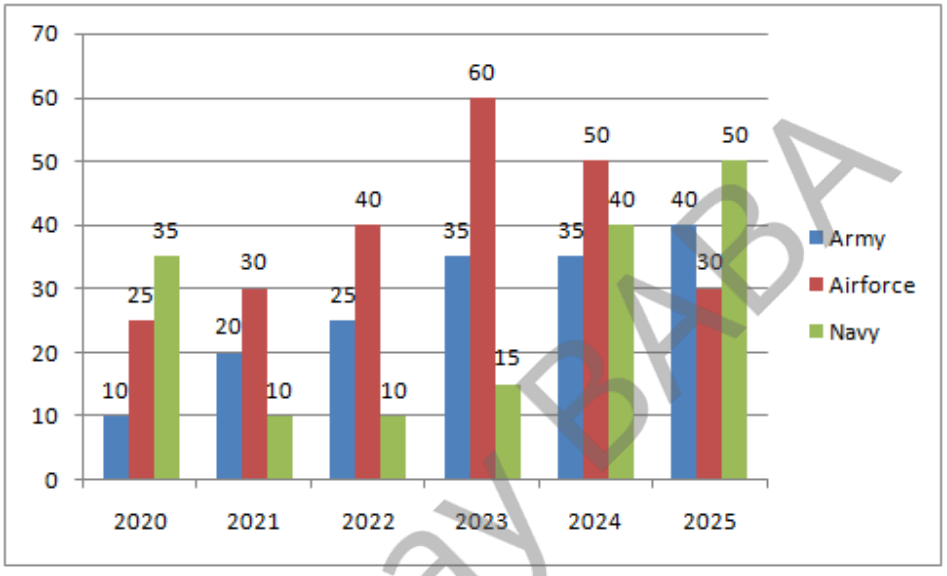
✗ A. decrease by ₹3,550

✓ B. decrease by ₹3,545

✗ C. increase by ₹3,546

✗ D. increase by ₹3,548

Q.50 The following bar graph shows the number of soldiers recruited (in thousands) in three different forces in six different years. Study the following graph carefully to answer the question that follows.
What was the percentage increase in the number of soldiers recruited in Airforce in the year 2022 as compared to the previous year?



Ans

✓ A. $33\frac{1}{3}\%$

✗ B. $30\frac{1}{3}\%$

✗ C. $32\frac{1}{3}\%$

✗ D. $31\frac{1}{3}\%$

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Section : **General Intelligence and Reasoning**

Q.51 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

89 C 72 A 12 B 4 D 25 = ?

Ans

✗ A. 85

✗ B. 83

✓ C. 88

✗ D. 87

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Q.52 If + means - , - means × , × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?
53 - 4 ÷ 18 + 64 × 8 = ?

Ans
✗ A. 219
✓ B. 222
✗ C. 231
✗ D. 217

Q.53 16 is related to 255 following a certain logic. Following the same logic, 11 is related to 120. To which of the given options is 13 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 138
✗ B. 148
✓ C. 168
✗ D. 158

Q.54 Refer to the given letter series and answer the question that follows. Counting to be done from left to right.

(Left) E D I S P V E I I S I A Q P W G U O I A E C (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans
✗ A. 4
✗ B. 3
✓ C. 2
✗ D. 1

Q.55 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. AXW
✗ B. RON
✓ C. NLJ
✗ D. DAZ

Q.56 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
OJV : LGS
EOQ : BLN

Ans
✗ A. EHL : CFI
✗ B. KHG : GEC
✓ C. ING : FKD
✗ D. TEL : OAI

Q.57 Each of Q, R, W, T, E, U and Y has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. W has an exam on Friday. Only 2 people have an exam between W and Q. Y has an exam immediately before T and U has an exam immediately after R. Only 2 people have an exam between E and T. How many people have an exam after R?

Ans
✓ A. 1
✗ B. 3
✗ C. 2
✗ D. 4

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Q.58 This question is based on the given words.

PER KGS NUS DAM

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed will no vowel appear?

Ans
- ✔ A. Three
- ✘ B. Two
- ✘ C. One
- ✘ D. Four

Q.59 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the sister of B',
A × B means 'A is the wife of B' and
A % B means 'A is the father of B'.

How is Shahid related to Ishant if 'Shahid + Gauri – Himesh % Jaya × Ishant'?

Ans
- ✘ A. Wife's mother's brother's son
- ✘ B. Wife's father's brother's son
- ✘ C. Wife's mother's sister's son
- ✔ D. Wife's father's sister's son

Q.60 Each vowel in the word ABANDON is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be second from the right in the new group of letters thus formed?

Ans
- ✘ A. B
- ✔ B. P
- ✘ C. M
- ✘ D. C

Q.61 Each vowel in the word NOTICE is changed to the fourth letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be third from the right in the new group of letters thus formed?

Ans
- ✘ A. T
- ✔ B. K
- ✘ C. E
- ✘ D. A

Q.62 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some soaps are cubs.
Some cubs are fruits.

Conclusions:
(I) Some soaps are fruits.
(II) All fruits are cubs.

Ans
- ✘ A. Only conclusion (II) follows.
- ✘ B. Both conclusions (I) and (II) follow.
- ✔ C. Neither conclusion (I) nor (II) follows.
- ✘ D. Only conclusion (I) follows.

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Q.63 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only two people sit to the left of E. Only two people sit between E and Q. Only one person sits between Q and D. O sits to the immediate left of P.
How many people sit to the right of C?

Ans
- ✗ A. None
- ✓ B. One
- ✗ C. Two
- ✗ D. Three

Q.64 In a certain code language,
A + B means 'A is the brother of B',
A – B means 'A is the daughter of B',
A × B means 'A is the wife of B', and
A ÷ B means 'A is the son of B'.

How is P related to T if 'P + Q – R × S ÷ T'?

Ans
- ✗ A. Daughter's son
- ✗ B. Brother
- ✓ C. Son's son
- ✗ D. Son

Q.65 Pooja starts from Point A and drives 18 km towards the south. She then takes a right turn, drives 12 km, turns right and drives 25 km. She then takes a right turn and drives 13 km. She takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 2 km to the west
- ✗ B. 1 km to the east
- ✗ C. 2 km to the east
- ✓ D. 1 km to the west

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DFJ MOS VXB EGK ?

Ans
- ✗ A. NOS
- ✓ B. NPT
- ✗ C. NOQ
- ✗ D. NQS

Q.67 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KNS : HPV
LLL : INO

Ans
- ✓ A. FPI : CRL
- ✗ B. MKP : JMR
- ✗ C. RJW : OLY
- ✗ D. LVW : IWZ

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Q.68 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Five people — A, B, C, D, and E — are sitting around a circular table, facing the centre. Who is sitting between A and C?
(I) B sits immediately to the right of A; D sits immediately to the right of B.
(II) E sits immediately to the left of C; D is not adjacent to A.

Ans
- ✗ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✗ B. Both statements I and II together are NOT sufficient to answer the question.
- ✗ C. Data in statement I alone is sufficient to answer the question while data in statement II is not.
- ✓ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Q.69 Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 7 Ω 5 3 @ & 9 $ 6 % 8 ^ 4 # 1 * £ 2 (Right)

If all the numbers are dropped from the series, which of the following will be sixth from the left?

Ans
- ✓ A. ^
- ✗ B. $
- ✗ C. %
- ✗ D. #

Q.70 Rama started walking from point A. She walked for 4 km towards south. She took a left turn and walked for 6 km. Then she took a right turn and walked for 8 km. Again, she took a right turn and walked for 6 km. How far (shortest distance) and towards which direction should she walk in order to reach point A again?

Ans
- ✓ A. 12 km towards north
- ✗ B. 12 km towards south
- ✗ C. 8 km towards north
- ✗ D. 8 km towards south

Q.71 Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 8 # 2 ! 3 $ % 6 & + 9 * % 4 # @ ! 7 + ? @ 1 + (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
- ✓ A. 2
- ✗ B. 9
- ✗ C. 3
- ✗ D. 6

Q.72 What should come in place of the question mark (?) in the given series?

81 64 49 36 25 ?

Ans
- ✗ A. 15
- ✗ B. 14
- ✓ C. 16
- ✗ D. 18

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Q.73 Each of A, B, C, D, P, Q and R has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only three people have exams between R and D. D has the exam on the last day of the week. B has the exam on the second day after A. C has the exam immediately the day before P. Q does not have the exam on Friday.
How many people have the exam after Q?

Ans
- ✗ A. Three
- ✓ B. Six
- ✗ C. Two
- ✗ D. Five

Q.74 This question is based on the given words.

THIS KIND CORE FLOP

In each of the words, each letter is changed to the letter immediately preceding it in the English alphabetical order. How many words thus formed have at least one vowel?

Ans
- ✗ A. Four
- ✗ B. Three
- ✓ C. One
- ✗ D. Two

Q.75 If '×' means '−', '÷' means '×', '+' means '÷' and '−' means '+', then what will come in place of the question mark (?) in the following equation?

8 ÷ 6 × 15 + 3 − 5 = ?

Ans
- ✓ A. 48
- ✗ B. 37
- ✗ C. 39
- ✗ D. 42

Q.76 G, H, J, K, L, and P live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. Only L lives above K. H lives immediately below K. Only G lives below J. How many people live below H?

Ans
- ✗ A. Four
- ✓ B. Three
- ✗ C. Two
- ✗ D. One

Q.77 LORU is related to NQTW in a certain way based on the English alphabetical order. In the same way, GHKL is related to IJMN. To which of the following options is ZCFI related, following the same logic?

Ans
- ✓ A. BEHK
- ✗ B. BHYU
- ✗ C. BHKO
- ✗ D. BHER

Q.78 21 is related to 41 following a certain logic. Following the same logic, 33 is related to 65. To which of the given options is 45 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 91
- ✗ B. 93
- ✗ C. 87
- ✓ D. 89

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Q.79 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?
(NOTE: The odd one out is not based on the number of consonants/ vowels or their position in the letter-cluster.)

Ans
- ✗ A. CN - ZH
- ✗ B. QT - NN
- ✓ C. OH - LC
- ✗ D. KR - HL

Q.80 Six people, X, Y, Z, W, V, and U, are sitting in a row, facing the north.
Only two people sit to the right of X. V sits to the immediate left of U. Only Z sits between X and W. W does not sit at the extreme right end of the row.
Who sits at the extreme right end of the row?

Ans
- ✗ A. V
- ✗ B. X
- ✗ C. Z
- ✓ D. U

Section : **General Awareness and Current Affairs**

Q.81 Which city hosted the 6th Asian Beach Games from 22nd to 30th April 2026?

Ans
- ✓ A. Sanya
- ✗ B. Beijing
- ✗ C. Guangzhou
- ✗ D. Hangzhou

Q.82 In 2026, Chhari-Dhand in Gujarat was in the news after receiving which international environmental recognition?

Ans
- ✗ A. World Heritage Site recognition
- ✗ B. UNESCO Biosphere Reserve status
- ✓ C. Ramsar Site designation
- ✗ D. Global Tiger Habitat status

Q.83 The 2026 ICC Men's T20 World Cup, a premier international cricket tournament, was co-hosted by which two cricketing nations?

Ans
- ✓ A. India and Sri Lanka
- ✗ B. England and Wales
- ✗ C. Australia and New Zealand
- ✗ D. West Indies and United States

Q.84 Who has taken over as the President of the Confederation of Indian Industry for the 2026–27 term?

Ans
- ✗ A. Rajiv Memani
- ✗ B. Arvind Panagariya
- ✓ C. R Mukundan
- ✗ D. Ashok Lahiri

Q.85 In April 2026, the Government of India reconstituted which national policy think tank by appointing Ashok Lahiri as its Vice-Chairman?

Ans
- ✗ A. National Development Council
- ✗ B. National Statistical Commission
- ✓ C. NITI Aayog
- ✗ D. Finance Commission

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Q.86 Which player won the Most Valuable Player of the season award in the Indian Premier League 2026 cricket tournament?

Ans
- ✔ A. Vaibhav Suryavanshi
- ✘ B. Dewald Brewis
- ✘ C. Shivang Kumar
- ✘ D. Kartik Sharma

Q.87 In February 2026, the RBI continued which monetary policy stance while announcing the bi-monthly monetary policy review?

Ans
- ✘ A. Retained the tightening policy stance
- ✔ B. Retained the neutral policy stance
- ✘ C. Retained the accommodative policy stance
- ✘ D. Retained the expansionary policy stance

Q.88 Cyclone Montha, which impacted India in October 2025, made landfall along the coast of which state?

Ans
- ✘ A. Odisha
- ✘ B. West Bengal
- ✔ C. Andhra Pradesh
- ✘ D. Tamil Nadu

Q.89 What absolute financial amount was designated for the welfare of women and girls in the Gender Budget Statement for FY 2026–27?

Ans
- ✘ A. ₹5.41 lakh crore
- ✘ B. ₹4.49 lakh crore
- ✘ C. ₹3.50 lakh crore
- ✔ D. ₹5.00 lakh crore

Q.90 In May 2026, India rejected the ruling of which international body regarding the Indus Waters Treaty dispute?

Ans
- ✔ A. Permanent Court of Arbitration tribunal at The Hague
- ✘ B. International Tribunal for the Law of the Sea panel
- ✘ C. International Criminal Court judicial review chamber
- ✘ D. United Nations Security Council sanctions committee

Q.91 In January 2026, India observed a day with solemn ceremonies and tributes at Rajghat, remembering a leader's sacrifice. Which date is officially marked for this national remembrance?

Ans
- ✔ A. Martyr's Day
- ✘ B. Good Governance Day
- ✘ C. Constitution Day
- ✘ D. National Integration Day

Q.92 The naval vessel Yard 1280 (Shachi) was launched on 31 March 2026 in which of the following states?

Ans
- ✘ A. Tamil Nadu
- ✘ B. Andhra Pradesh
- ✔ C. Goa
- ✘ D. Maharashtra

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Q.93 **At which location was the Exercise Vayushakti-2026 conducted in February 2026?**

Ans

✔ A. Pokhran Field Firing Range, Jaisalmer, Rajasthan

✘ B. Hindon Air Force Station, Uttar Pradesh

✘ C. Suryalanka Air Force Station, Andhra Pradesh

✘ D. Air Force Station Jodhpur, Rajasthan

Q.94 **Where was the 4th edition of the India–Sri Lanka bilateral diving exercise (IN-SLN DIVEX 2026) conducted in April 2026?**

Ans

✘ A. Trincomalee, Sri Lanka

✘ B. Kochi, India

✔ C. Colombo, Sri Lanka

✘ D. Visakhapatnam, India

Q.95 **In May 2026, which Indian athlete became the first Indian sprinter to run the men's 100 m event in less than 10.10 seconds?**

Ans

✘ A. Tejaswin Shankar

✔ B. Gurindervir Singh

✘ C. Gulveer Singh

✘ D. Vishal T. K.

Q.96 **The Digital Personal Data Protection (DPDP) Act, 2023, and its 2025 Rules provide "verifiable parental consent" to safeguard children. Which of the following online practices is explicitly PROHIBITED under this framework?**

Ans

✔ A. Behavioral monitoring and targeted advertising directed at children.

✘ B. Collecting geolocation data for emergency services with parental consent.

✘ C. Sharing anonymized data with third parties for academic research.

✘ D. Processing a child's data after automated age-gating protocols.

Q.97 **Which mission was associated with the launch of the communication satellite of AST SpaceMobile during the sixth operational flight of the LVM3 launch vehicle conducted by the Indian Space Research Organisation (ISRO) in December 2025?**

Ans

✘ A. LVM3-M5 / CMS-03 Mission

✔ B. LVM3-M6 / BlueBird Block-2 Mission

✘ C. Chandrayaan-3 Mission

✘ D. OneWeb Launch Mission

Q.98 **Which firm Receives 'Special Recognition Award' for Pioneering Work in Cell & Gene Therapy at BioSpectrum India Excellence Awards 2025?**

Ans

✘ A. Bharat Biotech

✘ B. Serum Institute

✘ C. Reliance Life Sciences

✔ D. Miltenyi Biotec India Pvt. Ltd

Q.99 **Which country had organised the WTO's Fourteenth Ministerial Conference (MC14) conducted in Yaoundé from March 26 to March 30, 2026?**

Ans

✘ A. South Africa

✘ B. Switzerland

✔ C. Cameroon

✘ D. Kenya

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Q.100 **In May 2026, in which Indian state did the Bharatiya Janata Party form its government for the first time?**

Ans

✗ A. Odisha

✓ B. West Bengal

✗ C. Kerala

✗ D. Tamil Nadu

"

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	L92503554929
Roll Number	209254222528843
Candidate Name	PROBIR GHOSH
Community	OBC NCL
Test Center Name	TCS Gito Bitan
Test Date	11/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 A physician in a hilly village notices that bedrooms near the mountain base feel cooler at night. Which atmospheric process best explains this observation?

Ans

✗ A. Cool air moving as land breeze

✗ B. Warm air rising as valley breeze

✗ C. Moist air flowing as sea breeze

✓ D. Cold air descending as mountain breeze

Question ID : **4410091999780**
Option 1 ID : **4410097875631**
Option 2 ID : **4410097875629**
Option 3 ID : **4410097875630**
Option 4 ID : **4410097875632**
Status : **Answered**
Chosen Option : **D**

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Q.2 Atoms of the elements would react so as to achieve an _____ of the configuration in the outermost shell.

Ans
✗ A. duplet
✗ B. triplet
✓ C. octet
✗ D. heptet

Question ID : **4410091234329**
Option 1 ID : **4410094871008**
Option 2 ID : **4410094871009**
Option 3 ID : **4410094871006**
Option 4 ID : **4410094871007**
Status : **Answered**
Chosen Option : **C**

Q.3 A convex lens forms a real, inverted image three times larger than the object. If the object is placed 30 cm from the lens, what is the closest approximate value of the power of the lens?

Ans
✓ A. +4.44 D
✗ B. +2 D
✗ C. +3.2 D
✗ D. +1 D

Question ID : **4410092046379**
Option 1 ID : **4410098057585**
Option 2 ID : **4410098057588**
Option 3 ID : **4410098057586**
Option 4 ID : **4410098057587**
Status : **Answered**
Chosen Option : **C**

Q.4 Which physical quantity is defined as the rate of change of velocity with respect to time?

Ans
✗ A. Speed
✗ B. Distance travelled
✗ C. Displacement
✓ D. Acceleration

Question ID : **4410092046206**
Option 1 ID : **4410098056898**
Option 2 ID : **4410098056897**
Option 3 ID : **4410098056900**
Option 4 ID : **4410098056899**
Status : **Answered**
Chosen Option : **C**

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Q.5 What are the tiny balloon-like structures located at the end of the smallest tubes in the human lungs called?

Ans

✗ A. Bronchioles

✗ B. Bronchi

✓ C. Alveoli

✗ D. Villi

Question ID : **4410091981725**
Option 1 ID : **4410097805721**
Option 2 ID : **4410097805719**
Option 3 ID : **4410097805718**
Option 4 ID : **4410097805720**
Status : **Answered**
Chosen Option : **C**

Q.6 Thomson's model could not explain:

Ans

✗ A. Electron presence

✗ B. Atom's mass

✗ C. Atom's neutrality

✓ D. Rutherford's experiment results

Question ID : **4410091079556**
Option 1 ID : **4410094255506**
Option 2 ID : **4410094255509**
Option 3 ID : **4410094255507**
Option 4 ID : **4410094255508**
Status : **Answered**
Chosen Option : **D**

Q.7 If a musical instrument produces a sound with a frequency of 200 Hz, which of the following frequencies will produce a sound of higher pitch than this instrument?

Ans

✗ A. 180 Hz

✗ B. 120 Hz

✗ C. 150 Hz

✓ D. 350 Hz

Question ID : **4410092045980**
Option 1 ID : **4410098055993**
Option 2 ID : **4410098055994**
Option 3 ID : **4410098055996**
Option 4 ID : **4410098055995**
Status : **Answered**
Chosen Option : **D**

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Q.8 What causes plant cells to change shape during movement?

Ans
- ✔ A. Water content
- ✘ B. Light energy
- ✘ C. Special proteins
- ✘ D. Temperature

Question ID : **4410092045303**
Option 1 ID : **4410098053294**
Option 2 ID : **4410098053295**
Option 3 ID : **4410098053296**
Option 4 ID : **4410098053297**
Status : **Answered**
Chosen Option : **B**

Q.9 Which quantity indicates the factor by which a simple machine multiplies the applied force?

Ans
- ✘ A. Velocity ratio
- ✔ B. Mechanical advantage
- ✘ C. Input work
- ✘ D. Efficiency

Question ID : **4410092046317**
Option 1 ID : **4410098057344**
Option 2 ID : **4410098057343**
Option 3 ID : **4410098057342**
Option 4 ID : **4410098057341**
Status : **Answered**
Chosen Option : **B**

Q.10 Which setup is most likely to produce a larger induced current in a coil?

Ans
- ✔ A. Using more turns of wire in the coil
- ✘ B. Using fewer turns of wire in the coil
- ✘ C. Using a smaller magnet
- ✘ D. Moving the magnet more slowly

Question ID : **4410092046077**
Option 1 ID : **4410098056383**
Option 2 ID : **4410098056384**
Option 3 ID : **4410098056381**
Option 4 ID : **4410098056382**
Status : **Answered**
Chosen Option : **A**

Q.11 Which of the following observations correctly represents corrosion of a metal?

Ans
- ✘ A. Copper wire melts when strongly heated
- ✘ B. Aluminium breaks under mechanical load
- ✘ C. Silver dissolves completely in water
- ✔ D. Iron develops reddish-brown surface layer

Question ID : **4410091807874**
Option 1 ID : **4410097127826**
Option 2 ID : **4410097127829**
Option 3 ID : **4410097127827**
Option 4 ID : **4410097127828**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.12 A vehicle of mass M travels at velocity V. If its kinetic energy increases by a factor of 9, how much does its velocity change?

Ans

✔ A. The velocity is tripled

✘ B. The velocity is increased nine times

✘ C. The velocity is quadrupled

✘ D. The velocity is doubled

Question ID : **4410092046035**
Option 1 ID : **4410098056214**
Option 2 ID : **4410098056215**
Option 3 ID : **4410098056213**
Option 4 ID : **4410098056216**
Status : **Answered**
Chosen Option : **B**

Q.13 In humans, which reproductive cell possesses a tail that helps it swim toward the egg?

Ans

✘ A. Egg

✘ B. Zygote

✘ C. Embryo

✔ D. Sperm

Question ID : **4410091979491**
Option 1 ID : **4410097796874**
Option 2 ID : **4410097796873**
Option 3 ID : **4410097796872**
Option 4 ID : **4410097796871**
Status : **Answered**
Chosen Option : **C**

Q.14 According to the first law of motion, what will happen to a ball rolling on a smooth, horizontal surface if no external force acts on it?

Ans

✘ A. The ball will gradually slow down and stop by itself.

✔ B. The ball will continue to roll at a constant speed in the same direction.

✘ C. The ball will speed up on its own.

✘ D. The ball will change its direction automatically.

Question ID : **4410092046128**
Option 1 ID : **4410098056585**
Option 2 ID : **4410098056587**
Option 3 ID : **4410098056586**
Option 4 ID : **4410098056588**
Status : **Answered**
Chosen Option : **B**

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Q.15 A teacher asks students to draw the structure of butane and isobutane. What is the main difference between these two molecules?

Ans

✗ A. Isobutane has fewer carbon atoms than butane

✗ B. Butane contains an aromatic ring, isobutane does not

✓ C. Butane is a straight-chain, while isobutane is a branched-chain isomer

✗ D. Both are cyclic hydrocarbons

Question ID : **4410091787924**
Option 1 ID : **4410097050289**
Option 2 ID : **4410097050288**
Option 3 ID : **4410097050286**
Option 4 ID : **4410097050287**
Status : **Answered**
Chosen Option : **C**

Q.16 In a solution, which observation suggests a chemical change has taken place?

Ans

✗ A. Dissolving of solid

✗ B. Uniform mixing of substances

✗ C. Increase in temperature only

✓ D. Formation of a precipitate

Question ID : **4410091569753**
Option 1 ID : **4410096200004**
Option 2 ID : **4410096200003**
Option 3 ID : **4410096200002**
Option 4 ID : **4410096200001**
Status : **Answered**
Chosen Option : **D**

Q.17 A woman undergoes IVF, and the fertilised egg is implanted in her uterus. Which of these marks the clinical beginning of her pregnancy in this scenario?

Ans

✓ A. Implantation of the fertilised egg

✗ B. Natural ovulation of the egg

✗ C. Initial division of the zygote

✗ D. Manual fertilisation in the lab

Question ID : **4410091973338**
Option 1 ID : **4410097772378**
Option 2 ID : **4410097772376**
Option 3 ID : **4410097772377**
Option 4 ID : **4410097772379**
Status : **Answered**
Chosen Option : **A**

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Q.18 What is the angle between the incident and emergent rays called in the context of a prism?

Ans

✗ A. The angle of refraction

✓ B. The angle of deviation

✗ C. The angle of emergence

✗ D. The angle of incidence

Question ID : **4410092046238**
Option 1 ID : **4410098057027**
Option 2 ID : **4410098057026**
Option 3 ID : **4410098057028**
Option 4 ID : **4410098057025**
Status : **Answered**
Chosen Option : **A**

Q.19 Different acids show similar chemical properties because they all produce which of the following ions in aqueous solution?

Ans

✗ A. Sodium ions

✗ B. Chlorine ions

✓ C. Hydrogen ions

✗ D. Hydroxide ions

Question ID : **4410091721323**
Option 1 ID : **4410096788523**
Option 2 ID : **4410096788524**
Option 3 ID : **4410096788522**
Option 4 ID : **4410096788525**
Status : **Answered**
Chosen Option : **C**

Q.20 While reviewing classification systems, a biologist notes confusion in placing amoeba in the two-kingdom system. Which key feature caused this confusion?

Ans

✗ A. Amoeba is photosynthetic and multicellular

✗ B. Amoeba lacks a cell wall and is stationary

✓ C. Amoeba is unicellular, moves and is heterotrophic

✗ D. Amoeba has a true nucleus and is autotrophic

Question ID : **4410091978274**
Option 1 ID : **4410097791996**
Option 2 ID : **4410097791995**
Option 3 ID : **4410097791998**
Option 4 ID : **4410097791997**
Status : **Answered**
Chosen Option : **C**

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Q.21 Which of the following statements is correct about energy flow in an ecosystem?

Ans

✗ A. Energy remains constant within the ecosystem

✗ B. Most energy is used for building biomass within the ecosystem

✗ C. Energy is recycled by decomposers within the ecosystem

✓ D. Energy flows in one direction in the ecosystem

Question ID : **4410091978817**
Option 1 ID : **4410097794169**
Option 2 ID : **4410097794167**
Option 3 ID : **4410097794170**
Option 4 ID : **4410097794168**
Status : **Answered**
Chosen Option : **B**

Q.22 A wire of resistance 10 ohms is connected to a 12 V battery. If another identical wire is connected in parallel to the first, what is the total power consumed by both wires together?

Ans

✓ A. 28.8 W

✗ B. 120 W

✗ C. 14.4 W

✗ D. 1.44 W

Question ID : **4410092045865**
Option 1 ID : **4410098055534**
Option 2 ID : **4410098055533**
Option 3 ID : **4410098055535**
Option 4 ID : **4410098055536**
Status : **Answered**
Chosen Option : **C**

Q.23 Which metal forms a protective oxide layer on its surface when heated in air, preventing further oxidation?

Ans

✗ A. Iron

✗ B. Sodium

✓ C. Aluminium

✗ D. Copper

Question ID : **4410091693335**
Option 1 ID : **4410096679491**
Option 2 ID : **4410096679494**
Option 3 ID : **4410096679493**
Option 4 ID : **4410096679492**
Status : **Answered**
Chosen Option : **D**

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Q.24 The cleaning action of detergents is most effective in:

Ans
✗ A. Acidic medium
✓ B. Alkaline medium
✗ C. Highly acidic medium
✗ D. Neutral medium

Question ID : **4410091427528**
Option 1 ID : **4410095638615**
Option 2 ID : **4410095638617**
Option 3 ID : **4410095638618**
Option 4 ID : **4410095638616**
Status : **Answered**
Chosen Option : **B**

Q.25 In a grassland food web, grass is eaten by rabbits and insects. Frogs eat insects, while foxes eat rabbits. If insect population declines sharply, which effect is most likely?

Ans
✗ A. Rabbit population will diminish
✓ B. Frog population will suddenly decrease
✗ C. Fox population will increase rapidly
✗ D. Grass population will perish

Question ID : **4410091978897**
Option 1 ID : **4410097794489**
Option 2 ID : **4410097794487**
Option 3 ID : **4410097794490**
Option 4 ID : **4410097794488**
Status : **Answered**
Chosen Option : **B**

Section : **Mathematics**

Q.26 In a survey, 4 people rated a product 5 and 6 people rated it 3. What is the weighted average rating?

Ans
✗ A. 3.5
✗ B. 4.0
✓ C. 3.8
✗ D. 4.2

Question ID : **4410091982171**
Option 1 ID : **4410097807500**
Option 2 ID : **4410097807501**
Option 3 ID : **4410097807499**
Option 4 ID : **4410097807498**
Status : **Answered**
Chosen Option : **C**

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Q.27 If sinA + cosA = m, then what is the value of $\sin^4 A + \cos^4 A$?

Ans
✔ A. $1-\frac{(1-m^2)^2}{2}$

✘ B. $1-\frac{(1-m^2)}{2}$

✘ C. $1+\frac{(1-m^2)^2}{2}$

✘ D. $1+\frac{(1-m^2)}{2}$

Question ID : **4410096012 96**
Option 1 ID : **4410092360302**
Option 2 ID : **4410092360303**
Option 3 ID : **4410092360301**
Option 4 ID : **4410092360304**
Status : **Answered**
Chosen Option : **A**

Q.28 Find the value of $\sin^2 10° + \sin^2 80° + \tan^2 45° + \sec^2 60° + \sin^2 30°$.

Ans
✘ A. $\frac{15}{2}$

✘ B. $\frac{20}{3}$

✘ C. $\frac{25}{3}$

✔ D. $\frac{25}{4}$

Question ID : **4410091069682**
Option 1 ID : **4410094222876**
Option 2 ID : **4410094222874**
Option 3 ID : **4410094222873**
Option 4 ID : **4410094222875**
Status : **Answered**
Chosen Option : **D**

Q.29 Some laddoos are packed in four boxes, A, B, C, and D, in the ratio 5:6:8:3. If box C has 225 more laddoos than box A, how many laddoos are there in box D?

Ans
✘ A. 275

✘ B. 375

✘ C. 300

✔ D. 225

Question ID : **4410091415161**
Option 1 ID : **4410095589341**
Option 2 ID : **4410095589340**
Option 3 ID : **4410095589342**
Option 4 ID : **4410095589343**
Status : **Answered**
Chosen Option : **D**

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Q.30 A merchant buys 10 identical items at a total cost of ₹6,000. He sells and the remaining 4 at a 10% loss. Find the overall profit or loss perce

Ans
✔ A. 5% profit
✘ B. 10% profit
✘ C. 5% loss
✘ D. 10% loss

Question ID : **4410091231648**
Option 1 ID : **4410094860076**
Option 2 ID : **4410094860075**
Option 3 ID : **4410094860073**
Option 4 ID : **4410094860074**
Status : **Answered**
Chosen Option : **A**

Q.31 5 years ago, the age of a mother was 12 years more than thrice her daughter's age. After how many years from now, will she be thrice her daughter's age?

Ans
✘ A. 3 years
✘ B. 2 years
✘ C. 4 years
✔ D. 1 year

Question ID : **4410091076708**
Option 1 ID : **4410094244248**
Option 2 ID : **4410094244247**
Option 3 ID : **4410094244249**
Option 4 ID : **4410094244246**
Status : **Answered**
Chosen Option : **C**

Q.32 Padmini borrowed a certain amount for 5 years at the simple interest rate of 10% per annum. If the total amount to be paid after 5 years is ₹24,000, then find the principal amount.

Ans
✘ A. ₹15,800
✔ B. ₹16,000
✘ C. ₹18,000
✘ D. ₹17,400

Question ID : **4410091257323**
Option 1 ID : **4410094962142**
Option 2 ID : **4410094962144**
Option 3 ID : **4410094962145**
Option 4 ID : **4410094962143**
Status : **Answered**
Chosen Option : **B**

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Q.33 The sizes of bags sold in a store during a day are given below:

10, 4, 6, 8, 7, 4, 8, 2, 9, 5, 4, 6, 9

Find the mode of the data.

Ans
✗ A. 2
✗ B. 1
✓ C. 4
✗ D. 5

Question ID : **4410091994755**
Option 1 ID : **4410097855955**
Option 2 ID : **4410097855956**
Option 3 ID : **4410097855953**
Option 4 ID : **4410097855954**
Status : **Answered**
Chosen Option : **C**

Q.34 If the mean of the following data is 46, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	36	20	29	26	x

Ans
✗ A. 210
✗ B. 206
✓ C. 209
✗ D. 190

Question ID : **441009622512**
Option 1 ID : **4410092444183**
Option 2 ID : **4410092444182**
Option 3 ID : **4410092444180**
Option 4 ID : **4410092444181**
Status : **Answered**
Chosen Option : **C**

Q.35 Ramesh travels with the speed of 60 km per hour for the first 2 hours. For the next two hours, he travels with a speed of 50 km per hour. Find the average speed (in km per hour) of his entire journey.

Ans
✗ A. 65
✓ B. 55
✗ C. 60
✗ D. 50

Question ID : **4410091470443**
Option 1 ID : **4410095809695**
Option 2 ID : **4410095809697**
Option 3 ID : **4410095809698**
Option 4 ID : **4410095809696**
Status : **Answered**
Chosen Option : **B**

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Q.36 Krish has ₹1681 with him. He divided it amongst his sons Veer and Nitin and asked them to invest it at 5% rate of compound interest per annum, compounded annually. It was seen that Veer and Nitin got same amount after 12 and 13 years respectively. How much (in ₹) did Krish give to Veer?

Ans
✗ A. 920
✓ B. 861
✗ C. 820
✗ D. 711

Question ID : **441009573620**
Option 1 ID : **4410092249603**
Option 2 ID : **4410092249600**
Option 3 ID : **4410092249601**
Option 4 ID : **4410092249602**
Status : **Answered**
Chosen Option : **A**

Q.37 In triangle ABC, ∠A = 30°, ∠B = 60° and ∠C = 90°. In triangle DEF, ∠D = 30°, ∠E = 60° and ∠F = 90°. If AB:DE = 2:3, what is the ratio of the areas of the two triangles?

Ans
✗ A. 2:1
✗ B. 1:2
✓ C. 4:9
✗ D. 3:5

Question ID : **441009602903**
Option 1 ID : **4410092366729**
Option 2 ID : **4410092366730**
Option 3 ID : **4410092366732**
Option 4 ID : **4410092366731**
Status : **Answered**
Chosen Option : **C**

Q.38 The 7-digit number 39A122B is divisible by 3. What is the minimum value of (A + B)?

Ans
✗ A. 3
✓ B. 1
✗ C. 6
✗ D. 2

Question ID : **441009559345**
Option 1 ID : **4410092192650**
Option 2 ID : **4410092192647**
Option 3 ID : **4410092192648**
Option 4 ID : **4410092192649**
Status : **Answered**
Chosen Option : **B**

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Q.39 The marked price of a cooker is same at four shops I, II, III and IV.
Shop I allows two successive discounts of 90% and 61%, shop II allows successive discounts of 15% and 98%, shop III allows successive discounts of 28% and 99%, and shop IV allows successive discounts of 91%, 37%, and 95% on the marked price of the cooker.
Which shop is selling the cooker at the lowest price?

Ans
✔ A. IV
✘ B. II
✘ C. I
✘ D. III

Question ID : **441009560732**
Option 1 ID : **4410092198195**
Option 2 ID : **4410092198197**
Option 3 ID : **4410092198198**
Option 4 ID : **4410092198196**
Status : **Answered**
Chosen Option : **A**

Q.40 A person finds that the compound interest on a sum at 5% per annum for three years is greater than the simple interest by ₹61. What is the sum?

Ans
✘ A. ₹9,400
✘ B. ₹8,200
✔ C. ₹8,000
✘ D. ₹7,890

Question ID : **4410091988724**
Option 1 ID : **4410097832671**
Option 2 ID : **4410097832672**
Option 3 ID : **4410097832669**
Option 4 ID : **4410097832670**
Status : **Answered**
Chosen Option : **C**

Q.41 The salary of an employee decreased from ₹50,000 to ₹45,000. Find the percentage decrease in salary.

Ans
✔ A. 10%
✘ B. 8%
✘ C. 15%
✘ D. 12%

Question ID : **4410091988845**
Option 1 ID : **4410097833159**
Option 2 ID : **4410097833158**
Option 3 ID : **4410097833161**
Option 4 ID : **4410097833160**
Status : **Answered**
Chosen Option : **A**

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Q.42 If a 7-digit number 29009A6 is completely divisible by 7, what is the least value of A?

Ans
✗ A. 1
✗ B. 5
✗ C. 9
✓ D. 2

Question ID : **441009560201**
Option 1 ID : **4410092196072**
Option 2 ID : **4410092196073**
Option 3 ID : **4410092196074**
Option 4 ID : **4410092196071**
Status : **Answered**
Chosen Option : **D**

Q.43 If 64 identical small spheres are made out of a big sphere of diameter 1

Ans
✗ A. $14\pi cm^2$
✓ B. $16\pi cm^2$
✗ C. $2\pi cm^2$
✗ D. $12\pi cm^2$

Question ID : **441009602649**
Option 1 ID : **4410092365714**
Option 2 ID : **4410092365716**
Option 3 ID : **4410092365713**
Option 4 ID : **4410092365715**
Status : **Answered**
Chosen Option : **B**

Q.44 Evaluate: 16 - 5 × 4 + 5

Ans
✗ A. 3
✓ B. 1
✗ C. -1
✗ D. 0

Question ID : **441009521064**
Option 1 ID : **4410092039678**
Option 2 ID : **4410092039675**
Option 3 ID : **4410092039677**
Option 4 ID : **4410092039676**
Status : **Answered**
Chosen Option : **B**

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Q.45 With an average speed of 60 kmph, a bus reaches its destination on time. If it goes at an average speed of 55 kmph, then it is late by 10 minutes. The total distance of the journey is:

Ans
✗ A. 70 km
✗ B. 120 km
✗ C. 100 km
✓ D. 110 km

Question ID : **441009905275**
Option 1 ID : **4410093574921**
Option 2 ID : **4410093574918**
Option 3 ID : **4410093574920**
Option 4 ID : **4410093574919**
Status : **Answered**
Chosen Option : **B**

Q.46 Four numbers a, b, c, d are in proportion. If a = 32, b = 72, and c = 180, what is the value of d?

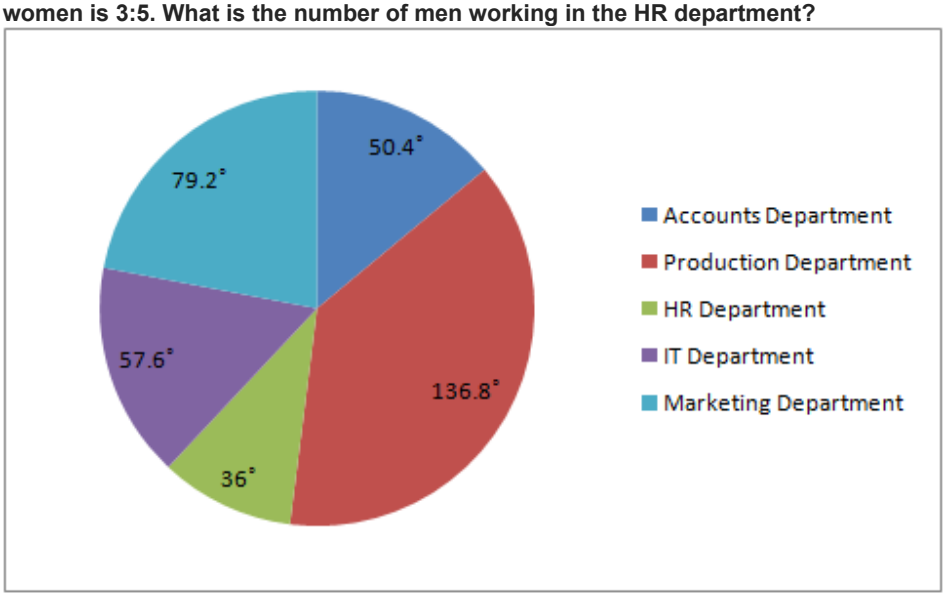
Ans
✗ A. 410
✓ B. 405
✗ C. 415
✗ D. 400

Question ID : **4410091996314**
Option 1 ID : **4410097861863**
Option 2 ID : **4410097861862**
Option 3 ID : **4410097861864**
Option 4 ID : **4410097861861**
Status : **Answered**
Chosen Option : **B**

RAILWAY BABA

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Q.47 The following pie chart shows the degree-wise distribution of 4800 employees working in various departments of an organization, and the ratio of number of men to number of women is 3:5. What is the number of men working in the HR department?



Ans
✔ A. 180
✘ B. 196
✘ C. 194
✘ D. 198

Question ID : **4410092057460**
Option 1 ID : **4410098100114**
Option 2 ID : **4410098100116**
Option 3 ID : **4410098100115**
Option 4 ID : **4410098100117**
Status : **Answered**
Chosen Option : **A**

Q.48 The dimensions of a cuboid are in the ratio 1 : 2 : 3. If the length of the space diagonal of the cuboid is $\sqrt{56}$ cm, find the volume of the cuboid.

Ans
✘ A. 46 cm³
✘ B. 45 cm³
✘ C. 84 cm³
✔ D. 48 cm³

Question ID : **4410091564646**
Option 1 ID : **4410096180165**
Option 2 ID : **4410096180166**
Option 3 ID : **4410096180167**
Option 4 ID : **4410096180164**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.49 The income of Raman is ₹10,200. He saves 30% of his income. If his income increases by 14% and expenditure increases by 40%, then his savings will:

Ans
✗ A. increase by ₹1,430
✗ B. increase by ₹1,429
✓ C. decrease by ₹1,428
✗ D. decrease by ₹1,427

Question ID : **441009562164**
Option 1 ID : **4410092203926**
Option 2 ID : **4410092203924**
Option 3 ID : **4410092203923**
Option 4 ID : **4410092203925**
Status : **Answered**
Chosen Option : **A**

Q.50 A can complete a piece of work alone in 10 days, and B can complete it alone in 30 days. They work together for 6 days. Then A leaves, and B works alone for 4 more days. What fraction of the work still remains unfinished?

Ans
✓ A. $\frac{1}{15}$
✗ B. $\frac{2}{15}$
✗ C. $\frac{1}{5}$
✗ D. $\frac{1}{10}$

Question ID : **4410091646577**
Option 1 ID : **4410096502550**
Option 2 ID : **4410096502551**
Option 3 ID : **4410096502552**
Option 4 ID : **4410096502549**
Status : **Answered**
Chosen Option : **A**

Section : **General Intelligence and Reasoning**

Q.51 This question is based on the six, three-digit numbers given below.
(Left) 284 286 297 213 246 273 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE: All operations to be done from left to right.

What will be the resultant if the third digit of the highest number is added to the third digit of the lowest number?

Ans
✓ A. 10
✗ B. 9
✗ C. 13
✗ D. 8

Question ID : **441009776426**
Option 1 ID : **4410093059709**
Option 2 ID : **4410093059708**
Option 3 ID : **4410093059710**
Option 4 ID : **4410093059707**
Status : **Answered**
Chosen Option : **A**

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Q.52 If + means −, − means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?

13 − 16 ÷ 22 + 87 × 3 = ?

Ans
✗ A. 246
✓ B. 201
✗ C. 219
✗ D. 233

Question ID : **4410091401045**
Option 1 ID : **4410095563652**
Option 2 ID : **4410095563649**
Option 3 ID : **4410095563651**
Option 4 ID : **4410095563650**
Status : **Answered**
Chosen Option : **B**

Q.53 144 is related to 12 following a certain logic. Following the same logic, 225 is related to 15. To which of the given options is 169 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✓ A. 13
✗ B. 14
✗ C. 12
✗ D. 15

Question ID : **4410091990878**
Option 1 ID : **4410097841133**
Option 2 ID : **4410097841135**
Option 3 ID : **4410097841136**
Option 4 ID : **4410097841134**
Status : **Answered**
Chosen Option : **A**

Q.54 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6342718, what will be the sum of the digits that are second from the left and second from the right?

Ans
✗ A. 4
✓ B. 6
✗ C. 7
✗ D. 5

Question ID : **441009556978**
Option 1 ID : **4410092183229**
Option 2 ID : **4410092183226**
Option 3 ID : **4410092183227**
Option 4 ID : **4410092183228**
Status : **Answered**
Chosen Option : **B**

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Q.55 This question is based on the five, three-digit numbers given below.

(Left) 614 823 579 302 486 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

How many numbers have the second digit greater than the first digit?

Ans
✔ A. Two
✘ B. One
✘ C. Three
✘ D. None

Question ID : **4410091997464**
Option 1 ID : **4410097866458**
Option 2 ID : **4410097866460**
Option 3 ID : **4410097866459**
Option 4 ID : **4410097866457**
Status : **Answered**
Chosen Option : **A**

Q.56 Aparna started from a hotel and walked 4 m towards the west. She then took a right turn and walked 6 m before taking a left turn and walking 10 m. She finally took a left turn, walked 6 m and reached her house. What is the shortest distance between her house and the hotel?

Ans
✔ A. 14 m
✘ B. 12 m
✘ C. 18 m
✘ D. 20 m

Question ID : **441009908480**
Option 1 ID : **4410093587728**
Option 2 ID : **4410093587729**
Option 3 ID : **4410093587730**
Option 4 ID : **4410093587731**
Status : **Answered**
Chosen Option : **A**

Q.57 Kishan starts from Point A and drives 34 km towards the north. He then takes a right turn, drives 44 km, turns right and drives 46 km. He then takes a right turn and drives 51 km. He takes a final right turn, drives 12 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✘ A. 4 km to the east
✘ B. 6 km to the west
✔ C. 7 km to the east
✘ D. 9 km to the east

Question ID : **4410091639502**
Option 1 ID : **4410096475557**
Option 2 ID : **4410096475558**
Option 3 ID : **4410096475559**
Option 4 ID : **4410096475560**
Status : **Answered**
Chosen Option : **C**

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Q.58 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: BEB :: TWT : %

Ans
✗ A. # = FIE , % = ORO
✓ B. # = FIF , % = PSP
✗ C. # = FIF , % = PRQ
✗ D. # = FKH , % = PSP

Question ID : **4410097612 99**
Option 1 ID : **4410092999192**
Option 2 ID : **4410092999189**
Option 3 ID : **4410092999190**
Option 4 ID : **4410092999191**
Status : **Answered**
Chosen Option : **B**

Q.59 If 'A' stands for '+', 'B' stands for '−', 'C' stands for '×' and 'D' stands for '÷', then what will come in place of the question mark (?) in the following equation?

72 D 8 B 4 C 5 A 15 = ?

Ans
✗ A. 8
✓ B. 4
✗ C. 12
✗ D. 10

Question ID : **4410091125178**
Option 1 ID : **4410094436258**
Option 2 ID : **4410094436257**
Option 3 ID : **4410094436255**
Option 4 ID : **4410094436256**
Status : **Answered**
Chosen Option : **B**

Q.60 In a certain code language,
A + B means 'A is the father of B',
A − B means 'A is the brother of B',
A × B means 'A is the son of B' and
A ÷ B means 'A is the sister of B'.

How is S related to N if 'S − T + U ÷ V × N'?

Ans
✗ A. Sister's husband
✓ B. Husband's brother
✗ C. Daughter's husband
✗ D. Mother's brother

Question ID : **4410091614937**
Option 1 ID : **4410096378546**
Option 2 ID : **4410096378545**
Option 3 ID : **4410096378547**
Option 4 ID : **4410096378548**
Status : **Answered**
Chosen Option : **B**

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Q.61 Seven boxes, G, H, I, J, O, K, and L, are kept one over the other, but not necessarily in the same order. Only O is kept above L. Only two boxes are kept between L and G. Only I is kept below J. K is not kept immediately above G. How many boxes are kept between H and I?

Ans
- ✗ A. One
- ✗ B. Three
- ✗ C. Four
- ✓ D. Two

Question ID : **4410091447260**
Option 1 ID : **4410095717662**
Option 2 ID : **4410095717664**
Option 3 ID : **4410095717665**
Option 4 ID : **4410095717663**
Status : **Answered**
Chosen Option : **D**

Q.62 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B', and
A @ B means 'A is the father of B'.

How is S related to U if 'S # M − H % Y @ U'?

Ans
- ✗ A. Father's brother
- ✗ B. Father's father
- ✓ C. Father's brother's son
- ✗ D. Brother's son

Question ID : **4410091148725**
Option 1 ID : **4410094529859**
Option 2 ID : **4410094529858**
Option 3 ID : **4410094529856**
Option 4 ID : **4410094529857**
Status : **Answered**
Chosen Option : **C**

Q.63 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. JHE
- ✗ B. HFC
- ✗ C. PNK
- ✓ D. LJK

Question ID : **4410092026508**
Option 1 ID : **4410097979719**
Option 2 ID : **4410097979718**
Option 3 ID : **4410097979716**
Option 4 ID : **4410097979717**
Status : **Answered**
Chosen Option : **D**

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Q.64 Seven boxes B, F, G, H, R, T and Y are kept one over the other but not necessarily in the same order. F is kept immediately above Y. B is kept immediately above G. Only R is kept above H. Only two boxes are kept above F. B is not kept at third position from the bottom. How many boxes are kept below H?

Ans
✔ A. 5
✘ B. 4
✘ C. 2
✘ D. 3

Question ID : **4410091462362**
Option 1 ID : **4410095777561**
Option 2 ID : **4410095777560**
Option 3 ID : **4410095777558**
Option 4 ID : **4410095777559**
Status : **Answered**
Chosen Option : **A**

Q.65 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
6 - 21
8 - 27

Ans
✔ A. 9 - 30
✘ B. 12 - 61
✘ C. 13 - 24
✘ D. 7 - 22

Question ID : **441009591347**
Option 1 ID : **4410092320502**
Option 2 ID : **4410092320504**
Option 3 ID : **4410092320503**
Option 4 ID : **4410092320501**
Status : **Answered**
Chosen Option : **A**

Q.66 The position(s) of how many letters will remain unchanged if each letter in the word DANGEROUS is arranged in the English alphabetical order?

Ans
✘ A. Two
✔ B. One
✘ C. None
✘ D. Three

Question ID : **441009818282**
Option 1 ID : **4410093227252**
Option 2 ID : **4410093227251**
Option 3 ID : **4410093227254**
Option 4 ID : **4410093227253**
Status : **Answered**
Chosen Option : **B**

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Q.67 Each vowel in the word CONNECT is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans
✗ A. L
✗ B. O
✗ C. N
✓ D. M

Question ID : **4410091001167**
Option 1 ID : **4410093956496**
Option 2 ID : **4410093956497**
Option 3 ID : **4410093956498**
Option 4 ID : **4410093956499**
Status : **Answered**
Chosen Option : **D**

Q.68 What should come in place of the question mark (?) in the given series?

715 747 763 795 811 843 ?

Ans
✗ A. 861
✗ B. 866
✓ C. 859
✗ D. 853

Question ID : **4410091987826**
Option 1 ID : **4410097829087**
Option 2 ID : **4410097829090**
Option 3 ID : **4410097829089**
Option 4 ID : **4410097829088**
Status : **Answered**
Chosen Option : **C**

Q.69 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 poles, D, R, C, Z and Y each having a different height, which pole is the tallest?
(I) D is taller than only two poles. R is immediately taller than Y
(II) Z is taller than Y

Ans
✗ A. Statement (I) alone is sufficient, but statement (II) alone is not sufficient.
✓ B. Both statements (I) and (II) together are NOT sufficient to answer the question, but neither alone is sufficient.
✗ C. Statement (II) alone is sufficient, but statement (I) alone is not sufficient.
✗ D. Both statements (I) and (II) together are sufficient to answer the question.

Question ID : **4410091614694**
Option 1 ID : **4410096377581**
Option 2 ID : **4410096377583**
Option 3 ID : **4410096377582**
Option 4 ID : **4410096377584**
Status : **Answered**
Chosen Option : **D**

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Q.70 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 3 6 6 7 8 4 3 1 2 3 2 1 4 4 6 7 4 4 3 5 6 5 3 4 3 8 4 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?

Ans
✗ A. 2
✗ B. 5
✓ C. 3
✗ D. 4

Question ID : **441009780425**
Option 1 ID : **4410093075705**
Option 2 ID : **4410093075706**
Option 3 ID : **4410093075703**
Option 4 ID : **4410093075704**
Status : **Answered**
Chosen Option : **A**

Q.71 What should come in place of ? in the given series based on the English alphabetical order?
RQY OSX LUW IWV ?

Ans
✗ A. EXU
✗ B. DYV
✓ C. FYU
✗ D. EXV

Question ID : **4410091501160**
Option 1 ID : **4410095941775**
Option 2 ID : **4410095941777**
Option 3 ID : **4410095941774**
Option 4 ID : **4410095941776**
Status : **Answered**
Chosen Option : **C**

Q.72 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some pink are blue.
All blue are sky.

Conclusions:
(I) Some sky are blue.
(II) Some sky are pink.

Ans
✗ A. Only conclusion (I) follows
✗ B. Only conclusion (II) follows
✗ C. Neither conclusion (I) nor (II) follows
✓ D. Both conclusions (I) and (II) follow

Question ID : **441009879992**
Option 1 ID : **4410093473621**
Option 2 ID : **4410093473622**
Option 3 ID : **4410093473624**
Option 4 ID : **4410093473623**
Status : **Answered**
Chosen Option : **D**

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Q.73 Refer to the given letter, number and symbol series and answer the question that follows. Counting to be done from left to right.

(Left) F 5 E @ D L N % 8 B * R Z 6 Q 3 # P N 4 Y 7 & K A (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a letter?

Ans
✗ A. One
✗ B. Three
✗ C. Four
✓ D. Two

Question ID : **4410091292347**
Option 1 ID : **4410095101480**
Option 2 ID : **4410095101482**
Option 3 ID : **4410095101483**
Option 4 ID : **4410095101481**
Status : **Answered**
Chosen Option : **D**

Q.74 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. VZ–WA
✗ B. SW–TX
✗ C. TX–UY
✓ D. EI–EL

Question ID : **441009818961**
Option 1 ID : **4410093229968**
Option 2 ID : **4410093229970**
Option 3 ID : **4410093229969**
Option 4 ID : **4410093229967**
Status : **Answered**
Chosen Option : **D**

Q.75 Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 9 $ 2 # 8 & 3 @ 1 % 6 * 7 (Right)

If all the numbers are dropped, which of the following elements will be fourth from the left?

Ans
✗ A. &
✓ B. @
✗ C. $
✗ D. #

Question ID : **4410091607798**
Option 1 ID : **4410096350146**
Option 2 ID : **4410096350147**
Option 3 ID : **4410096350144**
Option 4 ID : **4410096350145**
Status : **Answered**
Chosen Option : **B**

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Q.76 Each of T, R, O, U, B, L and E has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only three people have exam between U and O. O has exam on the last day of the week. Only one person has exam between B and R. T has exam immediately the day before E. L does not have exam on Friday. How many people have exam between L and T?

Ans
- ✔ A. Three
- ✘ B. Two
- ✘ C. One
- ✘ D. Four

Question ID : **4410091642204**
Option 1 ID : **4410096485863**
Option 2 ID : **4410096485862**
Option 3 ID : **4410096485861**
Option 4 ID : **4410096485864**
Status : **Answered**
Chosen Option : **A**

Q.77 Six friends, C, D, E, O, P and Q, are sitting around a circular table, facing the center of the table.
D sits to the immediate left of P. C sits to the immediate left of Q. O sits third to the left of P.
Who sits third to the right of E?

Ans
- ✘ A. Q
- ✘ B. O
- ✔ C. C
- ✘ D. P

Question ID : **441009787845**
Option 1 ID : **4410093105382**
Option 2 ID : **4410093105380**
Option 3 ID : **4410093105381**
Option 4 ID : **4410093105379**
Status : **Answered**
Chosen Option : **C**

Q.78 GKUB is related to LPZG in a certain way based on the English alphabetical order. In the same way, LIHM is related to QNMR. To which of the following is AJSU related to following the same logic?

Ans
- ✘ A. EPXY
- ✔ B. FOXZ
- ✘ C. EOYZ
- ✘ D. FPYY

Question ID : **4410091651996**
Option 1 ID : **4410096523868**
Option 2 ID : **4410096523866**
Option 3 ID : **4410096523867**
Option 4 ID : **4410096523869**
Status : **Answered**
Chosen Option : **B**

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Q.79 H, I, J, K, L, and M are sitting around a circular table facing the center. K sits to the immediate right of J. Only two people sit between I and M when counted from the left of I. L sits to the immediate right of H. H is not an immediate neighbor of I. Who sits to the immediate left of J?

Ans
✗ A. M
✗ B. L
✗ C. H
✓ D. I

Question ID : **4410091602340**
Option 1 ID : **4410096328934**
Option 2 ID : **4410096328936**
Option 3 ID : **4410096328935**
Option 4 ID : **4410096328937**
Status : **Answered**
Chosen Option : **D**

Q.80 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: FEI :: POS : %

Ans
✗ A. # = EFJ , % = QPT
✓ B. # = EDH , % = QPT
✗ C. # = EDH , % = QOU
✗ D. # = EDG , % = POS

Question ID : **441009761297**
Option 1 ID : **4410092999183**
Option 2 ID : **4410092999181**
Option 3 ID : **4410092999182**
Option 4 ID : **4410092999184**
Status : **Answered**
Chosen Option : **B**

Section : **General Awareness and Current Affairs**

Q.81 At the 2026 Barebow Asia Championship, which country's men's barebow team set a new archery world record with a score of 1864 points?

Ans
✗ A. United States
✗ B. South Korea
✗ C. Japan
✓ D. Malaysia

Question ID : **4410092013406**
Option 1 ID : **4410097928228**
Option 2 ID : **4410097928229**
Option 3 ID : **4410097928230**
Option 4 ID : **4410097928227**
Status : **Answered**
Chosen Option : **B**

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Q.82 In January 2026, which of the following organisations published The Global Risks Report 2026?

Ans

✗ A. United Nations Conference on Trade and Development

✗ B. International Monetary Fund

✗ C. World Health Organization

✓ D. World Economic Forum

Question ID : **4410092102518**
Option 1 ID : **4410098277103**
Option 2 ID : **4410098277101**
Option 3 ID : **4410098277100**
Option 4 ID : **4410098277102**
Status : **Answered**
Chosen Option : **A**

Q.83 Which platform showcased next-generation electronics and semiconductor innovation led by DRDO in 2025?

Ans

✗ A. Defence Technology Exhibition 2025

✓ B. Emerging Science Technology Innovation Conclave 2025

✗ C. Global Science and Innovation Summit 2025

✗ D. National Electronics and Semiconductor Meet 2025

Question ID : **4410091688846**
Option 1 ID : **4410096661858**
Option 2 ID : **4410096661859**
Option 3 ID : **4410096661860**
Option 4 ID : **4410096661861**
Status : **Answered**
Chosen Option : **B**

Q.84 What is India's rank in the 'Corruption Perceptions Index (CPI) 2025' released in February 2026?

Ans

✓ A. 91

✗ B. 80

✗ C. 101

✗ D. 75

Question ID : **4410092148697**
Option 1 ID : **4410098457323**
Option 2 ID : **4410098457322**
Option 3 ID : **4410098457320**
Option 4 ID : **4410098457321**
Status : **Answered**
Chosen Option : **A**

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Q.85 Under which specific operational vision did the Ministry of Minority Affairs organize the National Conclave on Minorities Welfare on 14th May, 2026?

Ans

✗ A. Samaveshi Aur Saksham Samaj

✗ B. Sabka Saath, Sabka Vikas

✓ C. Bhagidaari Se Bhaagyoday

✗ D. Vikasit Aur Surakshit Bharat

Question ID : **4410092009320**
Option 1 ID : **4410097912553**
Option 2 ID : **4410097912550**
Option 3 ID : **4410097912551**
Option 4 ID : **4410097912552**
Status : **Answered**
Chosen Option : **A**

Q.86 Who created history by becoming the fastest ever Indian sprinter in the men's 100-m final at the Federation Cup in Ranchi, Jharkhand, in May 2026?

Ans

✗ A. Animesh Kujur

✓ B. Gurindervir Singh

✗ C. Amlan Borgohain

✗ D. Manikanta Hoblidhar

Question ID : **4410092084338**
Option 1 ID : **4410098205459**
Option 2 ID : **4410098205460**
Option 3 ID : **4410098205462**
Option 4 ID : **4410098205461**
Status : **Answered**
Chosen Option : **A**

Q.87 Who is the author of the book 'On Earth as It Is Beneath'?

Ans

✗ A. Fernanda Trías

✗ B. Valeria Luiselli

✓ C. Ana Paula Maia

✗ D. Olga Tokarczuk

Question ID : **4410092082117**
Option 1 ID : **4410098196712**
Option 2 ID : **4410098196713**
Option 3 ID : **4410098196714**
Option 4 ID : **4410098196711**
Status : **Answered**
Chosen Option : **A**

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Q.88 According to the Reserve Bank of India's Payments System Report released in 2026, which payment system accounted for the highest share of transaction volume in India?

Ans

✗ A. Immediate Payment Service (IMPS)

✓ B. Unified Payments Interface (UPI)

✗ C. National Electronic Funds Transfer (NEFT)

✗ D. Real-Time Gross Settlement (RTGS)

Question ID : **4410092050001**
Option 1 ID : **4410098071161**
Option 2 ID : **4410098071163**
Option 3 ID : **4410098071162**
Option 4 ID : **4410098071164**
Status : **Answered**
Chosen Option : **B**

Q.89 Under the Union Budget 2026–27, the Government of India proposed the launch of which scheme aimed at developing India into a global biopharma manufacturing hub?

Ans

✗ A. National Bioscience Acceleration Programme

✗ B. Pharma Vision 2047

✓ C. Biopharma SHAKTI

✗ D. BioNex India Mission

Question ID : **4410092008985**
Option 1 ID : **4410097911217**
Option 2 ID : **4410097911214**
Option 3 ID : **4410097911216**
Option 4 ID : **4410097911215**
Status : **Answered**
Chosen Option : **D**

Q.90 Which organization conducted nationwide trial of India's Cell Broadcast Alert System in May 2026?

Ans

✓ A. National Disaster Management Authority

✗ B. Defence Research and Development Organisation

✗ C. Centre for Development of Advanced Computing

✗ D. Indian Space Research Organisation

Question ID : **4410092079604**
Option 1 ID : **4410098186697**
Option 2 ID : **4410098186699**
Option 3 ID : **4410098186700**
Option 4 ID : **4410098186698**
Status : **Answered**
Chosen Option : **A**

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Q.91 India successfully conducted the flight trial of an Advanced Agni missile equipped with a Multiple Independently Targeted Re-entry Vehicle (MIRV) system on 8 May 2026 from which of the following locations?

Ans
- ✔ A. Dr APJ Abdul Kalam Island, Odisha
- ✘ B. Balasore Missile Testing Facility, West Bengal
- ✘ C. Pokhran Test Range, Rajasthan
- ✘ D. Sriharikota Space Centre, Andhra Pradesh

Question ID : **4410092067291**
Option 1 ID : **4410098138283**
Option 2 ID : **4410098138282**
Option 3 ID : **4410098138284**
Option 4 ID : **4410098138285**
Status : **Answered**
Chosen Option : **A**

Q.92 How many gold medals did the Indian U-15 girls team win at the Asian Boxing U-15 Championship, 2026?

Ans
- ✘ A. 12
- ✘ B. 5
- ✘ C. 4
- ✔ D. 7

Question ID : **4410092084751**
Option 1 ID : **4410098207083**
Option 2 ID : **4410098207080**
Option 3 ID : **4410098207082**
Option 4 ID : **4410098207081**
Status : **Answered**
Chosen Option : **D**

Q.93 Which ministry in collaboration with the **All India Ayurvedic Congress organized** the four-day **National Arogya Fair 2026** at Shegaon in Buldhana district, Maharashtra?

Ans
- ✘ A. Ministry of Rural Development
- ✘ B. Ministry of Tribal Affairs
- ✔ C. Ministry of AYUSH
- ✘ D. Ministry of Education

Question ID : **4410092095545**
Option 1 ID : **4410098249703**
Option 2 ID : **4410098249701**
Option 3 ID : **4410098249700**
Option 4 ID : **4410098249702**
Status : **Answered**
Chosen Option : **C**

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Q.94 The Bio-AI initiative launched by the Government of India in 2026 mainly aims to accelerate progress in which of the following areas?

Ans

✗ A. Expansion of conventional mineral exploration activities through automated geological surveys

✗ B. Replacement of pharmaceutical research with fully autonomous industrial production systems

✓ C. Development of advanced biological products and manufacturing processes using data-driven research tools

✗ D. Promotion of fossil-fuel-based industrial technologies through algorithmic resource optimisation

Question ID : **4410092076324**
Option 1 ID : **4410098173926**
Option 2 ID : **4410098173927**
Option 3 ID : **4410098173925**
Option 4 ID : **4410098173928**
Status : **Answered**
Chosen Option : **C**

Q.95 Which of the following sanctuaries has been designated as a protected Ramsar site in 2026?

Ans

✗ A. Coringa Wildlife Sanctuary

✓ B. Patna Bird Sanctuary

✗ C. Barela Bird Sanctuary

✗ D. Vikramshila Gangetic Dolphin Sanctuary

Question ID : **4410092054261**
Option 1 ID : **4410098087457**
Option 2 ID : **4410098087456**
Option 3 ID : **4410098087458**
Option 4 ID : **4410098087459**
Status : **Answered**
Chosen Option : **D**

Q.96 During which edition of the Foundation Day celebrations of Jawaharlal Nehru Port Authority (JNPA) did government of India launch the Logistics Port Performance Index (LPPI) in May 2026?

Ans

✗ A. 47th

✗ B. 67th

✓ C. 37th

✗ D. 57th

Question ID : **4410092092773**
Option 1 ID : **4410098239085**
Option 2 ID : **4410098239087**
Option 3 ID : **4410098239084**
Option 4 ID : **4410098239086**
Status : **Answered**
Chosen Option : **D**

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Q.97 Which of the following political personalities became Chief Minister for the first time in 2026, marking a significant political development associated with the rise of a newly formed regional party?

Ans
✔ A. Joseph Vijay
✘ B. Samrat Choudhary
✘ C. Rekha Gupta
✘ D. Suvendu Adhikari

Question ID : **4410092065644**
Option 1 ID : **4410098132132**
Option 2 ID : **4410098132133**
Option 3 ID : **4410098132130**
Option 4 ID : **4410098132131**
Status : **Answered**
Chosen Option : **A**

Q.98 Which principle was emphasized in India's E-Waste Management framework during 2025-26?

Ans
✘ A. Elimination of digital communication devices from government educational institutions and offices
✘ B. Mandatory export of all discarded electronic products to overseas hazardous waste processing facilities
✔ C. Extended producer responsibility for the environmentally sound collection and recycling of electronic junk
✘ D. Complete prohibition of domestic electronics manufacturing within urban industrial clusters nationwide

Question ID : **4410092054257**
Option 1 ID : **4410098087441**
Option 2 ID : **4410098087440**
Option 3 ID : **4410098087443**
Option 4 ID : **4410098087442**
Status : **Answered**
Chosen Option : **B**

Q.99 As per announcement made in April 2026 by the Agricultural and Processed Food Products Export Development Authority, where will the training center be established to promote basmati cultivation and organic farming?

Ans
✔ A. Uttar Pradesh
✘ B. Madhya Pradesh
✘ C. Andhra Pradesh
✘ D. Himachal Pradesh

Question ID : **4410092080803**
Option 1 ID : **4410098191484**
Option 2 ID : **4410098191486**
Option 3 ID : **4410098191483**
Option 4 ID : **4410098191485**
Status : **Answered**
Chosen Option : **A**

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Q.10 In February 2026, which of the following players had played the most number of international matches in women's cricket?

Ans
- ✗ A. Mithali Raj
- ✓ B. Harmanpreet Kaur
- ✗ C. Smriti Mandhana
- ✗ D. Jhulan Goswami

Question ID : **4410092079482**
Option 1 ID : **4410098186221**
Option 2 ID : **4410098186222**
Option 3 ID : **4410098186224**
Option 4 ID : **4410098186223**
Status : **Answered**
Chosen Option : **C**

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	11/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **If the direction of current in a straight conductor is reversed, what will be the effect on the direction of the surrounding magnetic field lines?**

Ans

✗ A. The magnetic field lines will become weaker

✗ B. The magnetic field lines will remain unchanged

✗ C. The magnetic field lines will become stronger

✓ D. The magnetic field lines will reverse direction

Q.2 **Under a microscope, skeletal muscles show alternate light and dark bands. The cells of this tissue are long, cylindrical, unbranched, and _____.**

Ans

✗ A. Uninucleate

✓ B. Multinucleate

✗ C. Spindle-shaped

✗ D. Dead

Q.3 **Molecules of compounds are formed by:**

Ans

✗ A. Similar atoms only

✓ B. Different elements in fixed ratios

✗ C. Random atomic combinations

✗ D. Physical mixing of atoms

Q.4 **Which physical quantity must be known to calculate the kinetic energy of a moving object?**

Ans

✗ A. Mass and time

✗ B. Mass only

✓ C. Mass and velocity

✗ D. Velocity only

Q.5 **Which of the following features is unique to longitudinal sound waves?**

Ans

✓ A. They form regions of compression and rarefaction.

✗ B. They travel as side-to-side pulses in a medium.

✗ C. They move as crests and troughs through a medium.

✗ D. They vibrate only up and down in a medium.

Q.6 **Which example indicates that forces acting on an object are balanced?**

Ans

✗ A. A ball at rest begins to move

✗ B. A ball falling to the ground

✓ C. A book lying motionless on a shelf

✗ D. A car accelerating down a road

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Q.7 A researcher observes an animal with three-chambered heart and some mixing of oxygenated and deoxygenated blood. What energy adaptation does this animal likely exhibit according to the context?

Ans

✔ A. It does not maintain its body temperature using constant energy

✘ B. It possesses double circulation with no mixing

✘ C. It maintains body temperature using constant energy

✘ D. It has a highly efficient oxygen supply

Q.8 Which human activity helps reduce disruption of the carbon cycle?

Ans

✘ A. Overuse of fertilisers

✘ B. Increasing fossil fuel use

✔ C. Adoption of solar energy

✘ D. Deforestation

Q.9 Which of the following is/are example(s) of a heterogeneous mixture?

a) Colloidal solution
b) Suspension
c) Solution

Ans

✘ A. only (a)

✘ B. only (c)

✔ C. (a) and (b)

✘ D. only (b)

Q.10 Which of the following statements correctly explains the relation between a combination reaction and energy?

Ans

✘ A. All combination reactions must absorb heat

✔ B. Many combination reactions are exothermic, though some can be endothermic

✘ C. All combination reactions release heat

✘ D. Combination reactions neither release nor absorb energy

Q.11 A group of scientists wants to determine the evolutionary relationships and common ancestry among closely related species in a region. Which classification criterion would provide the most reliable evidence?

Ans

✘ A. Feeding habits profiles

✔ B. Similarity in genetic code

✘ C. External features alone

✘ D. Activity patterns track

Q.12 When a ray of light passes from air into water, how does the refractive index of water with respect to refractive index of air relate to the speed of light in these two media?

Ans

✘ A. The refractive index of water with respect to refractive index of air is the sum of the speeds in air and water

✘ B. The refractive index of water with respect to refractive index of air is the difference of the speeds in air and water

✔ C. The refractive index of water with respect to refractive index of air is the ratio of the speed of light in air to that in water

✘ D. The refractive index of water with respect to refractive index of air is the ratio of the speed of light in water to that in air

---

Q.13 In a grassland ecosystem, which organisms will show the largest number of individuals?

Ans

✘ A. Hawk

✔ B. Grass

✘ C. Snake

✘ D. Frog

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Q.14 Both acids and bases conduct electricity in an aqueous solution because:

Ans

✗ A. They release oxygen gas

✗ B. They form covalent bonds

✓ C. They produce ions in water

✗ D. They contain free electrons

Q.15 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Metals such as sodium and potassium are extracted by electrolysis.
Reason (R): These metals are highly reactive and cannot be obtained by reduction with carbon.

Ans

✗ A. Both A and R are true, but R is not the correct explanation of A

✗ B. A is true, but R is false

✓ C. Both A and R are true, and R is the correct explanation of A

✗ D. A is false, but R is true

Q.16 In an electric circuit, what produces the potential difference needed for charge flow?

Ans

✗ A. Connecting wires alone between two points

✗ B. The resistance of the wire to current

✓ C. A battery consisting of one or more electric cells

✗ D. The gravitational pull on electrons

Q.17 In humans, a mature egg is typically released from one of the ovaries every month in a process called _____.

Ans

✗ A. Spermatogenesis

✓ B. Ovulation

✗ C. Menopause

✗ D. Puberty

Q.18 When ethanol reacts with sodium metal, which gas is released as a result of the reaction?

Ans

✗ A. Oxygen gas

✗ B. Nitrogen gas

✗ C. Carbon dioxide

✓ D. Hydrogen gas

Q.19 Which structure in Amoeba is primarily responsible for engulfing food particles?

Ans

✗ A. Cilia covering cell surface

✗ B. Cell wall surrounding the organism

✗ C. Cytoplasm within the cell membrane

✓ D. Temporary pseudopodia

Q.20 Which organ helps crush food into smaller pieces during eating?

Ans

✗ A. Salivary glands

✓ B. Teeth

✗ C. Tongue

✗ D. Stomach

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Q.21 A 3 kg stone is thrown vertically upwards with a speed of 8 m/s. What is its kinetic energy at the moment it leaves the thrower's hand?

Ans

✗ A. 24 J

✗ B. 48 J

✓ C. 96 J

✗ D. 72 J

Q.22 If two notes are played, one at 300 Hz and the other at 600 Hz, how do their pitches compare?

Ans

✗ A. Both notes have the same pitch

✓ B. The 600 Hz note has a higher pitch

✗ C. The 300 Hz note is louder than the 600 Hz note

✗ D. The 300 Hz note has a higher pitch

Q.23 Which of the following best explains why ethanol conducts electricity poorly despite being a liquid and having a polar O–H bond?

Ans

✗ A. It dissociates completely into ions in water

✓ B. It is a covalent compound and does not ionize in solution

✗ C. It decomposes in water into CO_2 and H_2O

✗ D. It is a weak base that accepts protons

Q.24 The path along which an electron revolves around the nucleus is called:

Ans

✗ A. Neutron

✓ B. Orbit

✗ C. Proton

✗ D. Molecule

Q.25 Why is it difficult to push a heavy box from rest, according to the first law of motion?

Ans

✗ A. The box is pulled back by gravity

✗ B. The box is glued to the floor

✗ C. The box has no wheels to roll

✓ D. The box resists changes to its state due to inertia

Section : **Mathematics**

Q.26 Two stations S1 and S2 are 766 km apart. One train starts from S1 at 5:20 a.m. and travels towards S2 at 74 kmph. Another train starts from S2 at 7:50 a.m. and travels towards S1 on parallel tracks at a speed of 92 kmph. At what time will they meet?

Ans

✗ A. 9:55 am

✗ B. 9:50 am

✓ C. 11:20 am

✗ D. 10:05 am

Q.27 The ratio of Manushi's and Nanina's present ages is 4 : 9. After 6 years, the ratio of their ages will be 6 : 11. What is Nanina's present age?

Ans

✗ A. 24 years

✓ B. 27 years

✗ C. 25 years

✗ D. 26 years

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Q.28 What is the value of (4x + 2y), if the mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	9	13	x	5	y	45

Ans

✗ A. 29

✗ B. 34

✓ C. 46

✗ D. 44

Q.29 Two solid spheres are made of the same material. The weight of the larger sphere is 8 times that of the smaller sphere. If the radius of the smaller sphere is 7 cm, find the difference between the surface areas of both spheres. (Use π = 22/7)

Ans

✗ A. 1888 cm^2

✓ B. 1848 cm^2

✗ C. 1828 cm^2

✗ D. 1868 cm^2

Q.30 If $x + \frac{1}{x} = \sqrt{20}$, find the value of $x^3 - \frac{1}{x^3}$, where $x > 1$.

Ans

✗ A. 82

✓ B. 76

✗ C. 64

✗ D. 58

Q.31 Find the greatest number of 4 digits which is divisible by 12, 24, 45 and 60.

Ans

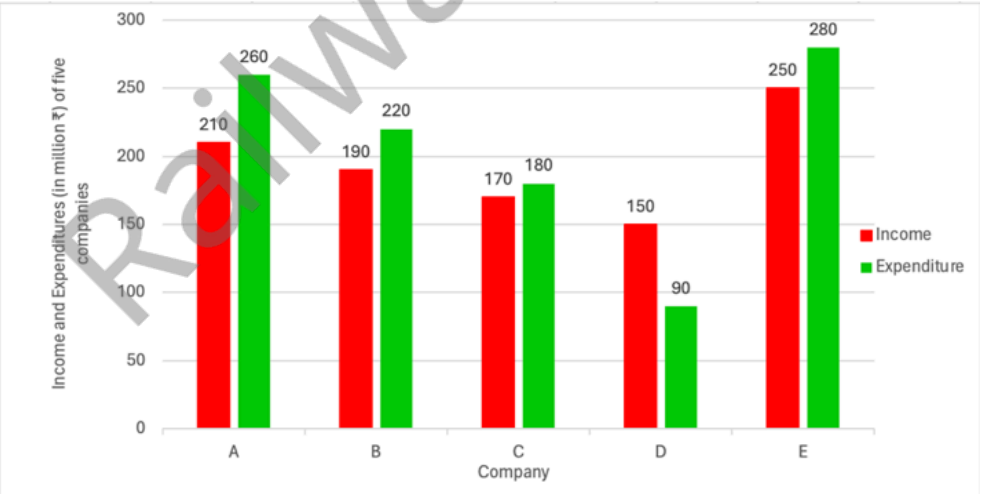
✗ A. 9,450

✗ B. 9,600

✓ C. 9,720

✗ D. 9,256

Q.32 The following bar graph shows the Income and Expenditure (in million ₹) of five companies, A, B, C, D, and E, in the year 2016. The profit or loss of a company is given by 'Profit or Loss = (Income – Expenditure)'.



What is the ratio of the combined profit or loss of companies B and C to that of A and E?

Ans

✓ A. 1 : 2

✗ B. 2 : 3

✗ C. 1 : 3

✗ D. 3 : 4

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Q.33 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 57% and 29%, shop II allows successive discounts of 76% and 35%, shop III allows successive discounts of 53% and 86% and shop IV allows successive discounts of 58%, 13% and 12% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✔ A. III
- ✘ B. IV
- ✘ C. II
- ✘ D. I

Q.34 Simplify $\frac{\cos \varnothing}{1+\sin \varnothing}+\tan \varnothing$.

Ans
- ✘ A. $\cos \varnothing$
- ✘ B. $\operatorname{cosec} \varnothing$
- ✔ C. $\sec \varnothing$
- ✘ D. $\sin \varnothing$

Q.35 Find the value of $\frac{\sin\theta}{(\sec\theta-1)}+\frac{\sin\theta}{(\sec\theta+1)}$.

Ans
- ✘ A. $2\tan\theta$
- ✘ B. $\cot\theta$
- ✔ C. $2\cot\theta$
- ✘ D. $\tan\theta$

Q.36 A sum of money earns interest at a rate of 20% per annum, compounded half-yearly. An amount of ₹8,500 is invested on 1 January and another ₹8,500 is invested on 1 July of the same year. Find the total interest earned at the end of the year.

Ans
- ✘ A. ₹2,540
- ✘ B. ₹2,680
- ✔ C. ₹2,635
- ✘ D. ₹2,525

Q.37 A library has an average number of 612 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

Ans
- ✘ A. 310
- ✘ B. 298
- ✔ C. 302
- ✘ D. 315

Q.38 Two trains, 210 m and 150 m long, are running in the same direction. The faster train, moving at 60 km/h, overtakes the slower train in 30 seconds. Find the speed of the slower train.

Ans
- ✘ A. 20 km/h
- ✔ B. 16.8 km/h
- ✘ C. 17.2 km/h
- ✘ D. 15.6 km/h

Q.39 The width of a rectangle is 16 cm. If the length is the mean proportional between 9 cm and 16 cm, find the length of the rectangle.

Ans
- ✘ A. 16 cm
- ✘ B. 18 cm
- ✔ C. 12 cm
- ✘ D. 9 cm

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Q.40 An item undergoes two successive price increases of 12% each. Find the single equivalent percentage increase in the price of the item.

Ans

✔ A. 25.44%

✘ B. 22%

✘ C. 24%

✘ D. 24.44%

Q.41 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 83% and that of the TV decreases by 38%, then what is the percentage change in the total cost of 8 washing machines and 4 TVs?

Ans

✔ A. Increase by 22.5%

✘ B. Decrease by 27%

✘ C. Decrease by 19%

✘ D. Increase by 26%

Q.42 The difference between compound interest (compounded annually) and simple interest for 3 years at the rate of 20% per annum is ₹624. What is the principal lent?

Ans

✘ A. ₹5,975

✘ B. ₹3,775

✔ C. ₹4,875

✘ D. ₹6,075

Q.43 Pipe A can fill a tank in 3 hours, pipe B can fill the same tank in 7 hours and pipe C can fill the same tank in 42 hours. The time taken (in hours) by them to fill half of the same tank if they operate together is:

Ans

✘ A. 4

✘ B. 2

✔ C. 1

✘ D. 3

Q.44 Find the arithmetic mean of the following data.

Class interval	0-8	8-16	16-24	24-32	32-40
Frequency	8	10	6	4	12

Ans

✔ A. 20.4

✘ B. 19.6

✘ C. 21.2

✘ D. 22.8

Q.45 Simplify the following expression:

$$\frac{(36-6)^2}{3\times 2}+4\times(5-3)^3$$

Ans

✔ A. 182

✘ B. 184

✘ C. 172

✘ D. 176

Q.46 In a trapezium ABCD, AB∥CD and AB = 16 cm, CD = 8 cm. What is the ratio of the areas of ΔABC and ΔACD?

Ans

✘ A. 4:3

✔ B. 2:1

✘ C. 3:5

✘ D. 1:2

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Q.47 Find the simple interest (in ₹) on a sum of ₹550 borrowed for 2.5 years at a rate of interest of 12% per annum.

Ans
- ✗ A. 145
- ✗ B. 150
- ✗ C. 155
- ✓ D. 165

Q.48 The radius and height of the cylinder are equal. If the radius of the cylinder increased by 20% and the height of the cylinder is increased by 10%, then find the net increase in the volume of the cylinder.

Ans
- ✗ A. 66.6%
- ✗ B. 55.5%
- ✓ C. 58.4%
- ✗ D. 62.5%

Q.49 What is the least value that must be assigned to A so that the number 456A2384 is divisible by 16?

Ans
- ✗ A. 4
- ✗ B. 2
- ✓ C. 0
- ✗ D. 5

Q.50 Arvind bought an article for ₹x. He sold it to Biru at a loss of 15%. Biru spent ₹101 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for ₹1,554, then what is the value of x?

Ans
- ✗ A. 1,068
- ✗ B. 1,087
- ✗ C. 1,126
- ✓ D. 1,100

Section : **General Intelligence and Reasoning**

Q.51 18 is related to 37 following a certain logic. Following the same logic, 36 is related to 73. To which of the given options is 54 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 113
- ✗ B. 107
- ✓ C. 109
- ✗ D. 111

Q.52 A, B, C, D, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. D lives on floor numbered 4. Only two people live between D and T. Only B lives between D and S. A lives immediately below D. Who lives on floor number 2?

Ans
- ✗ A. A
- ✗ B. S
- ✓ C. C
- ✗ D. T

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Q.53 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**

: DBY :: SQN : %

Ans
- ✔ A. # = GEB % = PNK
- ✘ B. # = ERB % = PMD
- ✘ C. # = GFB % = PNS
- ✘ D. # = GRT % = POK

Q.54 **GAIN is related to ICGL in a certain way based on the English alphabetical order. In the same way, TWIN is related to VYGL. To which of the following options is MILK related, following the same logic?**

Ans
- ✘ A. NKHG
- ✘ B. OPMH
- ✔ C. OKJI
- ✘ D. PMJI

Q.55 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**

Ans
- ✔ A. OR–SY
- ✘ B. ZC–EH
- ✘ C. IL–NQ
- ✘ D. VY–AD

Q.56 **19 is related to 57 in a certain way. Following the same way, 16 is related to 48. To which of the following is 2 related, following the same logic?**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✔ A. 6
- ✘ B. 5
- ✘ C. 8
- ✘ D. 7

Q.57 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**

Statements:
All birds are feathers.
No feather is a paw.

Conclusions:
(I) No birds is a paw.
(II) Some paws are feathers.

Ans
- ✘ A. Both conclusions (I) and (II) follow
- ✘ B. Neither conclusion (I) nor (II) follows
- ✘ C. Only conclusion (II) follows
- ✔ D. Only conclusion (I) follows

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Q.58 This question is based on the given words.

JAM COT GEL EYE

How many letters are there in the English alphabetical order between the third letter of the second word from the right and the second letter of the second word from the left?

Ans
- ✗ A. Five
- ✓ B. Two
- ✗ C. Four
- ✗ D. Three

Q.59 Mr. Plx ranked 87th from the top and 67th from the bottom in his class. How many students are there in his class?

Ans
- ✓ A. 153
- ✗ B. 155
- ✗ C. 145
- ✗ D. 157

Q.60 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the husband of B',
A × B means 'A is the daughter of B', and
A ÷ B means 'A is the wife of B'.

How is P related to T if 'P + Q – R × S ÷ T'?

Ans
- ✗ A. Son
- ✓ B. Daughter's son
- ✗ C. Brother
- ✗ D. Son's son

Q.61 Refer to the given number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) 5 @ 8 % 3 1 & 7 & 4 $ Ω 2 * 5 # £ 6 (Right)

If all the symbols are dropped from the series, which of the following will be fifth from the left?

Ans
- ✗ A. 2
- ✗ B. 1
- ✗ C. 4
- ✓ D. 7

Q.62 Raghav starts from Point A and drives 23 km towards the south. He then takes a left turn, drives 15 km, turns left and drives 29 km. He then takes a left turn and drives 19 km. He takes a final left turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 4 km to the west
- ✗ B. 5 km to the west
- ✗ C. 5 km to the east
- ✓ D. 4 km to the east

Q.63 The position(s) of how many letters will remain unchanged if each letter in the word TEAMWORK is arranged in the English alphabetical order?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. None
- ✗ D. One

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Q.64 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Pranav related to Shilpa if 'Pranav $ Geeta # Harsha @ Jyoti % Shilpa'?

Ans
- ✗ A. Father's mother's brother's daughter
- ✗ B. Father's father's brother's daughter
- ✓ C. Father's mother's brother's wife
- ✗ D. Father's father's brother's wife

Q.65 This question is based on the given words.

FAN OUH WIN YUP

If in each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order, how many letter-clusters thus formed will have no vowel?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. Zero
- ✗ D. One

Q.66 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
R sits second to the right of Q. Only two people sit to the left of Q. Only three people sit between Q and Z. Only two people sit between R and P. I sits at some place to the right of J but at some place to the left of K.
How many people sit to the right of I?

Ans
- ✓ A. Three
- ✗ B. Two
- ✗ C. Four
- ✗ D. One

Q.67 What should come in place of the question mark (?) in the given series?

115 142 169 196 223 ?

Ans
- ✗ A. 256
- ✗ B. 247
- ✓ C. 250
- ✗ D. 253

Q.68 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 Sticks, U, R, N, S and T each having a different height, which Stick is the tallest?
(I) U is shorter than R but taller than N. N is taller than only one Stick
(II) S is taller than T

Ans
- ✓ A. Both statements I and II together are NOT sufficient to answer the question
- ✗ B. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✗ C. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
- ✗ D. Data in Statement II alone is sufficient to answer the question while data in statement I is not

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Q.69 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 7164259, what will be the sum of first two digits from left in the new number thus formed?

Ans
- ✗ A. 10
- ✗ B. 12
- ✗ C. 8
- ✓ D. 6

Q.70 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some books are novels.
All novels are stories.

Conclusions:
(I) Some stories are books.
(II) No books are stories.

Ans
- ✓ A. Only conclusion (I) follows
- ✗ B. Only conclusion (II) follows
- ✗ C. Neither conclusion (I) nor (II) follows
- ✗ D. Both conclusions (I) and (II) follow

Q.71 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

FO – IR – LU
GC – JF – MI

Ans
- ✗ A. DP – GS – JU
- ✗ B. NF – RJ – TL
- ✗ C. CH – GK – JO
- ✓ D. MA – PD – SG

Q.72 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 8 9 1 6 7 4 2 6 7 9 1 8 3 1 5 7 5 3 5 5 1 2 8 (Right)

How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

Ans
- ✗ A. Three
- ✗ B. Two
- ✗ C. None
- ✓ D. One

Q.73 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ A. TW - RU
- ✗ B. PS - NQ
- ✓ C. IK - FH
- ✗ D. JM - HK

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Q.74 Each of the digits in the number 1235684 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 12
- ✓ B. 8
- ✗ C. 5
- ✗ D. 10

Q.75 Eight people (M, N, O, P, Q, R, S and T) are sitting around a circular table facing towards the centre.
There are exactly three people sitting between M and R.
P is sitting to the immediate left of M.
N is an immediate neighbour of both M and S.
R is an immediate neighbour of both Q and T.
T is sitting second to the left of P.
Who is sitting immediately between P and T when counted from the left of P?

Ans
- ✓ A. O
- ✗ B. S
- ✗ C. M
- ✗ D. Q

Q.76 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 52183475, which of the following digits will be third from the left in the new number thus formed?

Ans
- ✗ A. 0
- ✓ B. 3
- ✗ C. 2
- ✗ D. 5

Q.77 Each vowel in the word CANDLESTICK is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
- ✗ A. R
- ✗ B. B
- ✗ C. F
- ✓ D. J

Q.78 Each of C, D, E, F, G, X and Y has interview on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only D has interview after Y. Only three people have interview between X and Y. Only three people have interview between G and D. F has interview on some day before E and on some day after C.
How many people have interview after X?

Ans
- ✗ A. Two
- ✗ B. Four
- ✓ C. Five
- ✗ D. Three

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Q.79 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 7 1 6 7 9 6 3 7 9 8 7 4 4 4 8 9 3 6 9 8 8 6 1 1 8 7 3 (Right)

How many such even numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

Ans
- ✗ A. 6
- ✗ B. 4
- ✓ C. 5
- ✗ D. 7

Q.80 What should come in place of ? in the given series based on the English alphabetical order?

RRR OQP LPN ? FNJ

Ans
- ✗ A. OIU
- ✗ B. UOP
- ✗ C. OPI
- ✓ D. IOL

Section : **General Awareness and Current Affairs**

Q.81 Which of the following schemes was announced in the Union Budget 2026-27?

Ans
- ✓ A. Divyangjan Kaushal Yojana
- ✗ B. Coir Udyami Yojana
- ✗ C. PM Vishwakarma
- ✗ D. National Digital Health Mission

Q.82 In April 2026, Justice Lisa Gill was appointed as the Chief Justice of the High Court of which state?

Ans
- ✓ A. Andhra Pradesh
- ✗ B. Kerala
- ✗ C. Punjab
- ✗ D. Haryana

Q.83 The 13th Indian Open Race Walking Competition held in February 2026 took place in which city?

Ans
- ✗ A. Dehradun
- ✗ B. Jaipur
- ✓ C. Chandigarh
- ✗ D. Lucknow

Q.84 Which country hosted the 2026 Winter Olympics, officially known as Milano Cortina 2026, conducted from 06 February to 22 February 2026, with Milan and Cortina d'Ampezzo as co-host cities?

Ans
- ✓ A. Italy
- ✗ B. Germany
- ✗ C. France
- ✗ D. Switzerland

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Q.85 Who is the author of the book "Dalit Women and the Fullness of Life", published in April 2026?

Ans
- ✔ A. Christina Dhanuja
- ✘ B. Anjali Rao
- ✘ C. Kiran Desai
- ✘ D. Meena Kumari

Q.86 In a major liquidity move in December 2025, the RBI announced Open Market Operations (OMOs) and a unique swap auction. What was the specific purpose of the $10 billion USD/INR Buy/Sell swap announced on December 23, 2025?

Ans
- ✔ A. To inject durable rupee liquidity into the banking system without putting pressure on bond yields
- ✘ B. To facilitate the internationalization of the Rupee by creating an offshore market
- ✘ C. To absorb excess liquidity caused by foreign portfolio investments
- ✘ D. To provide a hedge against oil price volatility for public sector undertakings

Q.87 In 2026, 'Operation Toofan: The Narco Hunt' was announced in which state as a special drive set to commence on June 1 targeting synthetic drug networks, inter-state syndicates, and peddlers near educational institutions?

Ans
- ✔ A. Kerala
- ✘ B. Andhra Pradesh
- ✘ C. Tamil Nadu
- ✘ D. Karnataka

Q.88 The electoral victory described in political discussions as a major shift in West Bengal's assembly politics was associated with the emergence of which party as the principal opposition force in the state in 2026?

Ans
- ✔ A. Bharatiya Janata Party
- ✘ B. All India Trinamool Congress (AITC)
- ✘ C. Indian National Congress (INC)
- ✘ D. Communist Party of India (Marxist) CPI(M)

Q.89 At the Hockey India 8th Annual Awards 2025, who won the Hockey India Balbir Singh Sr. Award for Player of the Year?

Ans
- ✘ A. Manpreet Singh and Vandana Katariya
- ✘ B. Abhishek Nain and Udita Duhan
- ✘ C. Harmanpreet Singh and Savita Punia
- ✔ D. Hardik Singh and Navneet Kaur

Q.90 In November 2025, which Indian state was awarded the prestigious first prize in the 'Best State' category at the 6th National Water Awards 2024?

Ans
- ✘ A. Gujarat
- ✘ B. Haryana
- ✘ C. Karnataka
- ✔ D. Maharashtra

Q.91 Which country received approval from the International Monetary Fund (IMF) Executive Board in February 2026 for a forty-eight-month Extended Fund Facility (EFF) arrangement worth about US$8.1 billion?

Ans
- ✔ A. Ukraine
- ✘ B. Pakistan
- ✘ C. Sri Lanka
- ✘ D. Ghana

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Q.92 The 20th edition of the Asian Games, scheduled for September and October 2026, will be officially hosted by which country?

Ans
- ✔ A. Japan
- ✘ B. China
- ✘ C. Qatar
- ✘ D. South Korea

Q.93 In the context of recent political changes in West Bengal, who became the first Chief Minister from the Bharatiya Janata Party (BJP) in the state as of May 9, 2026?

Ans
- ✘ A. Abhishek Banerjee
- ✘ B. Mamata Banerjee
- ✘ C. Dilip Ghosh
- ✔ D. Suvendu Adhikari

Q.94 Which Indian High Court had directed the effective implementation of the menstrual leave policy across organised and unorganised sectors through an order dated 15 April 2026 while recognising menstrual leave as a fundamental right of women employees?

Ans
- ✔ A. High Court of Karnataka
- ✘ B. High Court of Maharashtra
- ✘ C. High Court of Madhya Pradesh
- ✘ D. High Court of Uttarakhand

Q.95 What was the official theme of the World Health Day 2026 observed on 7 April 2026?

Ans
- ✔ A. Together for health. Stand with science
- ✘ B. My health, my right
- ✘ C. Building a fairer, healthier world
- ✘ D. Health for all, leave no one behind

Q.96 What was the name of the multilateral military exercise that commenced at Umroi Military Station, Meghalaya, in May 2026 with participation from 12 friendly nations?

Ans
- ✘ A. MITRA SHAKTI 2026
- ✘ B. YUDH ABHYAS 2026
- ✘ C. SAMPRITI 2026
- ✔ D. PRAGATI 2026

Q.97 Which organisation had signed an agreement with the Government of India and the Government of Uttar Pradesh in March 2026 to support the Uttar Pradesh Clean Air Management Program?

Ans
- ✘ A. International Monetary Fund
- ✘ B. United Nations Development Programme
- ✔ C. World Bank
- ✘ D. Asian Development Bank

Q.98 Which wetland was officially designated as India's 99th Ramsar site in April 2026?

Ans
- ✘ A. Kopra Jalashay
- ✘ B. Patna Bird Sanctuary
- ✘ C. Chhari-Dhand Wetland
- ✔ D. Shekha Jheel Bird Sanctuary

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Q.99 **Which scheme had been proposed in the Union Budget 2026-27 with an outlay of ₹10,000 crore over five years to strengthen India's end-to-end ecosystem for biologics and biosimilars?**

Ans
- ✔ A. Bio-Pharma SHAKTI
- ✘ B. National Biotech Growth Initiative
- ✘ C. Digital Health Mission
- ✘ D. Pharma Innovation Bharat Scheme

Q.100 **Which indigenously developed missile system by DRDO successfully completed user evaluation trials in December 2025, paving the way for its induction into India's armed forces?**

Ans
- ✘ A. Pinaka-LRGR-120
- ✔ B. Akash-NG
- ✘ C. BrahMos
- ✘ D. VL-SRSAM

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	12/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **A patient develops frequent coughing and respiratory infections after starting to smoke. Which physiological change best explains this?**

Ans

✗ A. Bronchial constriction throughout the lungs

✓ B. Loss of cilia function in the upper respiratory tract

✗ C. Rapid increase in blood pressure and heart rate

✗ D. Excess saliva secretion in the oral cavity

Q.2 **A cyclist applies brakes to stop a moving bicycle. The work done by the braking force on the bicycle is _____.**

Ans

✗ A. Both positive and negative

✓ B. Negative only

✗ C. Zero

✗ D. Positive only

Q.3 **A mutation disrupts the transportation system in a plant, causing accumulation of oxygen and waste products in leaf cells. Which two life processes are most directly hindered as a result?**

Ans

✗ A. Nutrition and growth

✓ B. Respiration and excretion

✗ C. Nutrition and respiration

✗ D. Growth and excretion

Q.4 **Which of the following vectors correctly represents the displacement if an object moves from the point (0, 0) to the point (4, -3) in a plane?**

Ans

✗ A. (3, -4)

✗ B. (-3, 4)

✗ C. (-4, 3)

✓ D. (4, -3)

Q.5 **The correct decreasing order of the size of the particles in suspension, solution, and colloid is:**

Ans

✗ A. suspension > solution > colloid

✗ B. solution > colloid > suspension

✓ C. suspension > colloid > solution

✗ D. colloid > suspension > solution

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Q.6 A doctor observes a blood vessel with thick, elastic walls under a microscope. What is this vessel most likely to be?

Ans
- ✔ A. An artery
- ✘ B. A lymph vessel
- ✘ C. A vein
- ✘ D. A capillary

Q.7 Select the correct option regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Coal and petroleum are called fossil fuels.
Reason (R): They were formed from the remains of ancient plants and animals.

Ans
- ✘ A. Both A and R are true, and R is not the correct explanation of A.
- ✔ B. Both A and R are true, and R is the correct explanation of A.
- ✘ C. A is false, but R is true.
- ✘ D. A is true, but R is false.

Q.8 Which of the following statements is true about isotopes?

Ans
- ✘ A. Isotopes have different atomic numbers but same mass number
- ✔ B. Isotopes have the same number of protons but different number of neutrons
- ✘ C. Isotopes have the same number of neutrons
- ✘ D. Isotopes are different elements with same atomic number

Q.9 A waterborne outbreak reveals that causative agent is single-celled, nucleus-lacking organisms thriving in sewage and animal intestines. Which group do these organisms most likely belong to?

Ans
- ✘ A. Kingdom Protista
- ✔ B. Kingdom Monera
- ✘ C. Kingdom Plantae
- ✘ D. Kingdom Fungi

Q.10 What is the formula unit mass of calcium chloride ($CaCl_2$)?

Ans
- ✘ A. 71 u
- ✘ B. 65 u
- ✔ C. 111 u
- ✘ D. 46 u

Q.11 A ray parallel to the principal axis strikes a concave mirror. After reflection, it passes through which point?

Ans
- ✔ A. The focus of the mirror
- ✘ B. The pole of the mirror
- ✘ C. The center of curvature
- ✘ D. The vertex of the mirror

Q.12 All of the following are parts of the human female reproductive system, **EXCEPT** _____.

Ans
- ✔ A. Vas deferens
- ✘ B. Vagina
- ✘ C. Oviducts
- ✘ D. Uterus

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Q.13 **Which statement is true about two sounds with the same amplitude but different frequencies?**

Ans

✗ A. They have the same frequency but different amplitudes

✗ B. They travel at different speeds in the same medium

✓ C. They have the same loudness but different pitch

✗ D. They have the same pitch but different loudness

Q.14 **A coil of wire is moved rapidly into a region with a strong magnetic field. Which change will most likely increase the magnitude of the induced current in the coil?**

Ans

✓ A. Increasing the speed at which the coil enters the magnetic field

✗ B. Using a thicker wire for the coil

✗ C. Rotating the coil at the same speed within the field

✗ D. Holding the coil stationary in the field

Q.15 **When a metal is placed in the salt solution of another metal and a reaction occurs, what does it indicate about the two metals?**

Ans

✓ A. The solid metal is more reactive than the metal in solution

✗ B. No information about reactivity can be determined

✗ C. Both metals are equally reactive

✗ D. The metal in solution is more reactive

Q.16 **Which of the following statements best describes how sound travels through different materials?**

Ans

✓ A. Sound travels faster in solids than in liquids and gases.

✗ B. Sound travels fastest in gases and slowest in solids.

✗ C. Sound travels fastest in liquids and slowest in gases.

✗ D. Sound travels at the same speed in all materials.

Q.17 **A climber is carrying a backpack up a mountain with varying slopes. At which point during the climb is the potential energy of the backpack at its maximum, assuming no energy is lost and the mass remains constant?**

Ans

✗ A. At the steepest slope of the climb

✗ B. At the halfway point up the mountain

✓ C. At the highest elevation reached during the climb

✗ D. At the starting position at the mountain base

Q.18 **Why is the structure of neurons important for their role in the nervous system?**

Ans

✗ A. To store nutrients

✓ B. Allows signal transmission

✗ C. To produce enzymes

✗ D. Repairs tissues

Q.19 **A researcher is studying how small differences among individuals over generations contribute to the emergence of new life forms. Which process does this scenario illustrate?**

Ans

✗ A. Taxonomic classification

✗ B. Genetic drift

✗ C. Ecological succession

✓ D. Evolution of biodiversity

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Q.20 Why do covalent compounds generally have low melting points?

Ans

✔ A. Because their intermolecular forces are weak

✘ B. Because their bonds within molecules are weak

✘ C. Because their molecules are large

✘ D. Because they are composed of metals

Q.21 A student wants to reduce the power consumed by a device without changing the current. Which action will achieve this?

Ans

✘ A. increase the temperature in the circuit

✘ B. Increase the resistance in the circuit

✘ C. Increase the voltage applied

✔ D. Decrease the resistance in the circuit

Q.22 The _____ of a sperm cell contains the genetic material required for fertilisation.

Ans

✘ A. Tail

✘ B. Fluid

✔ C. Head

✘ D. Membrane

Q.23 Consider the reaction:
$ZnO(s) + C(s) \rightarrow Zn(s) + CO(g)$

Which of the following correctly identifies the substance undergoing reduction in this reaction?

Ans

✔ A. ZnO loses oxygen forming Zn

✘ B. Carbon gains oxygen forming CO

✘ C. CO produced during oxidation

✘ D. ZnO converted into zinc metal

Q.24 If an object continues moving in the same direction at the same speed, what can be inferred about the forces acting on it?

Ans

✘ A. All forces are in same direction as direction of motion

✘ B. The forces always cancel gravity

✔ C. The forces are balanced

✘ D. The forces are unbalanced

Q.25 Why should acids be diluted carefully?

Ans

✔ A. To avoid splashing

✘ B. To make reaction fast

✘ C. To reduce concentration

✘ D. To increase acidity

Section : **Mathematics**

Q.26 A, B, and C started a business, each investing ₹10000. After 4 months, A withdraws ₹3000, B withdraws ₹4000, and C invests ₹3000 more. At the end of the one year, a total profit was ₹65600. Find the share of C at the end of the year.

Ans

✘ A. ₹24600

✔ B. ₹28800

✘ C. ₹29800

✘ D. ₹22700

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Q.27 A solid cone of radius R and height H is melted and recast into 8 identical solid cones, each of radius $\frac{R}{3}$. The height of each new cone is:

Ans

✗ A. $\frac{H}{8}$

✗ B. $\frac{3H}{8}$

✓ C. $\frac{9H}{8}$

✗ D. $\frac{27H}{8}$

Q.28 If $49a^2 - b = \left(7a + \frac{1}{2}\right)\left(7a - \frac{1}{2}\right)$, then the value of b is:

Ans

✓ A. $\frac{1}{4}$

✗ B. 4

✗ C. $\frac{1}{16}$

✗ D. $-\frac{1}{4}$

Q.29 Given that $109^{0.71} = x$, $109^{0.47} = y$ and $x^z = y^{10}$, then the value of z is close to:

Ans

✗ A. 6.04

✗ B. 5.77

✓ C. 6.62

✗ D. 9.19

Q.30 The income of Raman is ₹91,700. He saves 20% of his income. If his income increases by 19% and expenditure increases by 35%, then his savings will:

Ans

✗ A. decrease by ₹8,252

✗ B. increase by ₹8,255

✓ C. decrease by ₹8,253

✗ D. increase by ₹8,249

Q.31 Read the given table carefully to answer the question that follows.
Amount earned (in lacs) by five persons, A, B, C, D and E, in six different years

Person

Year	A	B	C	D	E
2005	2.24	4.33	5.64	3.73	1.69
2006	1.44	3.34	6.93	5.52	5.52
2007	4.63	2.79	7.52	5.68	4.28
2008	6.65	6.63	5.83	6.74	6.83
2009	5.34	4.5	5.94	8.42	5.53
2010	7.38	5.36	7.84	9.45	9.94

What was the respective ratio between the amount earned by Person-B in the year 2007 and Person-D in the year 2010?

Ans

✗ A. 37:109

✗ B. 37:107

✓ C. 31:105

✗ D. 32:105

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Q.32 Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 2.5 years at 20% per annum rate of interest.

Ans
- ✗ A. 325
- ✓ B. 275
- ✗ C. 375
- ✗ D. 255

Q.33 If the average temperature of the first 3 days of a week is 38.5℃ and the average temperature of the last 4 days is 39.2℃, find the average temperature of the entire week.

Ans
- ✓ A. 38.9° C
- ✗ B. 39° C
- ✗ C. 38.8° C
- ✗ D. 38.6° C

Q.34 The numbers 4, 8, and 10 are assigned weights 2, 3, and 5, respectively. Find their weighted arithmetic mean.

Ans
- ✗ A. 6.5
- ✗ B. 7.4
- ✗ C. 9.1
- ✓ D. 8.2

Q.35 Find the value of $\frac{\tan 75^0 - \tan 15^0}{1 + \tan 75^0 \tan 15^0}$.

Ans
- ✓ A. $\sqrt{3}$
- ✗ B. $\frac{1}{\sqrt{3}}$
- ✗ C. $\frac{2}{\sqrt{3}}$
- ✗ D. $\sqrt{2}$

Q.36 A can do a piece of work in 16 days. B is 60% more efficient than A. How much time will A and B together take to finish the work?

Ans
- ✗ A. $5\frac{4}{7}$ days
- ✗ B. $3\frac{2}{7}$ days
- ✗ C. $4\frac{3}{13}$ days
- ✓ D. $6\frac{2}{13}$ days

Q.37 The mean and the mode of a set of data are 23.9 and 50.9, respectively. Find the median of the data, using the empirical formula.

Ans
- ✗ A. 33.8
- ✗ B. 34
- ✗ C. 32.6
- ✓ D. 32.9

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Q.38 Jaspreet deposited a sum of ₹64,750 at 20% rate of interest per annum, compounded annually. The total amount received by Jaspreet after 2 years is:

Ans
- ✗ A. ₹93,080
- ✓ B. ₹93,240
- ✗ C. ₹93,349
- ✗ D. ₹92,875

Q.39 A motor bike travels at the speed of 54 km/hr for 2 hours, then it travels 70 km/hr for 3 hours, and finally travels 60 km/hr for 3 hours. What is the average speed of the motor bike for the entire trip?

Ans
- ✗ A. 56.83 km/hr
- ✗ B. 64.18 km/hr
- ✗ C. 59.28 km/hr
- ✓ D. 62.25 km/hr

Q.40 The ratio of two numbers is 6 : 11. If the smaller number is 18, find the larger number.

Ans
- ✗ A. 22
- ✗ B. 27
- ✓ C. 33
- ✗ D. 30

Q.41 Simplify $\frac{(1-\tan A)^2}{(1-\cot A)^2}+1$.

Ans
- ✗ A. $\tan^2 A$
- ✗ B. $\tan A$
- ✓ C. $\sec^2 A$
- ✗ D. $\cot^2 A$

Q.42 Vikram saves r% of his earnings. If his earnings increase by 22% and his expenditure increases by 16%, his savings grow by 40%. What is the value of r?

Ans
- ✗ A. 27
- ✓ B. 25
- ✗ C. 16
- ✗ D. 22

Q.43 PQR is a triangle and D is a point on side QR. If QR=16 cm, QD=12 cm and ∠QPR= ∠PDR, then find the length of PR.

Ans
- ✓ A. 8 cm
- ✗ B. 64 cm
- ✗ C. 28 cm
- ✗ D. 4 cm

Q.44 A sum of ₹5,000 is invested for 1 year at 10% per annum compound interest, compounded half-yearly. Find the compound interest earned (in ₹).

Ans
- ✗ A. 505.50
- ✗ B. 575.50
- ✓ C. 512.50
- ✗ D. 530.50

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Q.45 In a science project, the power from two machines are being compared. Machine A's power is measured as : $2 \times \sqrt{8x}$, and machine B's power is measured as : $2 \times 8 \times \sqrt{y}$. If both the machines produce same power, what is the value of $\frac{x}{y}$?

Ans

- ✔ A. 8
- ✘ B. 2
- ✘ C. 16
- ✘ D. 4

Q.46 **Arvind bought an article for ₹x. He sold it to Biru at a loss of 16%. Biru spent ₹147 on its transportation and sold it to Minu at a profit of 40%. If Minu bought it for ₹1,617, then what is the value of x?**

Ans

- ✘ A. 1,204
- ✘ B. 1,186
- ✔ C. 1,200
- ✘ D. 1,227

Q.47 **The ratio of the speed of a boat to the speed of the current of water is 36 : 5. The boat goes a certain distance downstream in 5 hours 10 minutes. How much time will it take to come back against the stream?**

Ans

- ✘ A. 6 hours 20 minutes
- ✘ B. 5 hours 50 minutes
- ✘ C. 6 hours 30 minutes
- ✔ D. 6 hours 50 minutes

Q.48 Simplify: $\frac{3}{5} + \frac{2}{3}$

Ans

- ✔ A. $\frac{19}{15}$
- ✘ B. $\frac{19}{25}$
- ✘ C. $\frac{23}{25}$
- ✘ D. $\frac{23}{15}$

Q.49 **The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 14% and 87%, shop II allows successive discounts of 96% and 76%, shop III allows successive discounts of 22% and 92% and shop IV allows successive discounts of 16%, 89% and 57% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?**

Ans

- ✘ A. I
- ✘ B. IV
- ✔ C. II
- ✘ D. III

Q.50 **A rectangular playground is 20 m longer than it is wide. A walking track of uniform width 2 m is laid all around the playground. The area of the walking track is 176 m². What is the perimeter of the playground (excluding the track)?**

Ans

- ✘ A. 90 m
- ✔ B. 80 m
- ✘ C. 94 m
- ✘ D. 84 m

Section : **General Intelligence and Reasoning**

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Q.51 In a certain code language, ‘shut the business’ is coded as ‘qt gv bx’ and ‘business is down’ is coded as ‘mj yp gv’. How is ‘business’ coded in that language? (All the codes are two-letter codes only.)

Ans
- ✗ A. qt
- ✗ B. yp
- ✓ C. gv
- ✗ D. bx

Q.52 If ‘P’ stands for ‘×’ , ‘Q’ stands for ‘÷’, ‘R’ stands for ‘-’ and ‘S’ stands for ‘+’ , what will come in place of the question mark ‘?’ in the following equation?
(12 Q 3) P 7 R 5 P 4 S 12 = ?

Ans
- ✗ A. 28
- ✗ B. 34
- ✗ C. 12
- ✓ D. 20

Q.53 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
19 - 266 - 38 ;
42 - 588 - 84

Ans
- ✗ A. 49 - 686 - 99
- ✗ B. 28 - 392 - 66
- ✓ C. 35 - 490 - 70
- ✗ D. 14 - 196 - 29

Q.54 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) L = W L & > P < T ? H € M ÷ J # V @ & A ¥ M ? Q % P ∞ (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by another symbol?

Ans
- ✗ A. One
- ✓ B. Two
- ✗ C. Three
- ✗ D. None

Q.55 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. VUY
- ✓ B. QQT
- ✗ C. SRV
- ✗ D. ONR

Q.56 Six people, L, M, N, O, P, and Q, are sitting in a straight line, facing the north.
Only one person sits between L and Q. N sits at the extreme right end. P sits third to the left of N. L sits to the immediate right of O.
Who sits to the immediate right of P?

Ans
- ✗ A. O
- ✓ B. Q
- ✗ C. L
- ✗ D. M

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Q.57 A is father of B. B is brother of C. C is wife of D. How is A related to D?

Ans

✗ A. Mother's Brother

✗ B. Brother

✓ C. Wife's Father

✗ D. Wife's Mother

Q.58 What should come in place of the question mark (?) in the given series?

33 39 46 54 63 73 ?

Ans

✗ A. 82

✓ B. 84

✗ C. 87

✗ D. 81

Q.59 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only three boxes are kept above R. Only two boxes are kept between R and T. Only S is kept above I. J is kept at some place below Q and at some place above K. How many boxes are kept between Q and T?

Ans

✗ A. Two

✓ B. Three

✗ C. One

✗ D. Four

Q.60 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LPL NRN PTP RVR ?

Ans

✓ A. TXT

✗ B. TWS

✗ C. TYT

✗ D. TUT

Q.61 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 7 > / 5 + & 5 & 8 9 ^ 7 4 2 2 \ 3 @ 4 $ (Right)

How many such symbols are there, each of which is immediately preceded by another symbol and also immediately followed by a number?

Ans

✗ A. Three

✗ B. One

✓ C. Two

✗ D. Zero

Q.62 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Among 5 sticks, B, U, N, M and D, each having a different height, which stick is the shortest?
(I) M is taller than only one stick. B is taller than U.
(II) M is taller than D.

Ans

✗ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.

✓ B. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

✗ C. Both statements I and II together are NOT sufficient to answer the question.

✗ D. Data in statement I alone is sufficient to answer the question while data in statement II is not.

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Q.63 This question is based on the given words.

JAR PIT FEW NOR

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order, and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many words thus formed have no vowels?

Ans
- ✗ A. Four
- ✗ B. Two
- ✗ C. Three
- ✓ D. One

Q.64 In a row of 100 students facing the north, Sukhi's position is 25^{th} from left and Abhishek's position is 34^{th} from right. Ramesh is sitting exactly between both of them, then find the position of Ramesh with respect to Sukhi.

Ans
- ✗ A. 22^{nd}
- ✗ B. 20^{th}
- ✓ C. 21^{st}
- ✗ D. 23^{rd}

Q.65 This question is based on the given words.

SON WIL TEN JUN

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed will no vowel appear?

Ans
- ✗ A. One
- ✗ B. Two
- ✗ C. Four
- ✓ D. Three

Q.66 In a certain code language, 'curtain for door' is coded as 'ar yb qj' and 'door is open' is coded as 'yb gt ol'. How is 'door' coded in that language? (All the codes are two-letter codes only.)

Ans
- ✗ A. qj
- ✓ B. yb
- ✗ C. gt
- ✗ D. ol

Q.67 What will come in place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

1184 ÷ 2 + 909 × 3 − 401 = ?

Ans
- ✓ A. 2466
- ✗ B. 2146
- ✗ C. 2738
- ✗ D. 2868

Q.68 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NRP :: FSW : %

Ans
- ✓ A. #=LPR, %=HUU
- ✗ B. #=LPR, %=HUT
- ✗ C. #=LPR, %=HUV
- ✗ D. #=LPR, %=HVU

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Q.69 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week, starting from Monday and ending on Sunday. P has an exam on Wednesday. Only one person has an exam between P and R. U has an exam immediately after R. Only three people have an exam between U and Q. V has an exam after S but before Q. When does T have an exam?

Ans
- ✔ A. Sunday
- ✘ B. Monday
- ✘ C. Saturday
- ✘ D. Thursday

Q.70 Each vowel in the word ABILITY is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be second from the left in the new group of letters thus formed?

Ans
- ✔ A. A
- ✘ B. S
- ✘ C. K
- ✘ D. B

Q.71 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✔ A. QR - MP
- ✘ B. XB - UY
- ✘ C. DI - AF
- ✘ D. KO - HL

Q.72 Each vowel in the word VOYAGE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the new group of letters thus formed?

Ans
- ✘ A. P
- ✘ B. X
- ✘ C. B
- ✔ D. F

Q.73 If '+' means '×', '−' means '÷', '×' means '+' and '÷' means '−', then what will come in place of the question mark (?) in the following equation?

25 − 5 + 6 × 2 ÷ 4 = ?

Ans
- ✘ A. 26
- ✘ B. 30
- ✔ C. 28
- ✘ D. 32

Q.74 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 9 1 2 4 9 7 7 7 5 6 1 1 5 4 7 3 7 4 5 4 2 6 5 (Right)

How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans
- ✘ A. Two
- ✘ B. Three
- ✔ C. One
- ✘ D. None

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Q.75 EBIG is related to KHOM in a certain way based on the English alphabetical order. In the same way, HELJ is related to NKRP. To which of the following is LIPN related, following the same logic?

Ans
✗ A. ORTV
✓ B. ROVT
✗ C. ORVT
✗ D. ROTV

Q.76 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

4 – 16 – 26 – 52
7 – 49 – 59 – 118

Ans
✗ A. 17 – 38 – 48 – 88
✗ B. 5 – 25 – 50 – 60
✓ C. 9 – 81 – 91 – 182
✗ D. 11 – 22 – 44 – 54

Q.77 In a certain code language,
A + B means 'A is the sister of B',
A – B means 'A is the daughter of B',
A × B means 'A is the husband of B', and
A ÷ B means 'A is the mother of B'.

How is P related to T if 'P + Q – R × S – T'?

Ans
✗ A. Daughter
✗ B. Son
✓ C. Daughter's daughter
✗ D. Son's daughter

Q.78 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
P sits to the immediate right of J. Only three people sit between Q and R when counted from the left of Q. Only three people sit between J and I when counted from the right of I. Z is an immediate neighbor of I as well as R.
Who sits third to the left of K?

Ans
✓ A. I
✗ B. R
✗ C. Q
✗ D. Z

Q.79 In a certain code language "QEHU" is coded as "153" and "ZBKN" is coded as "159". What is the code for "SWGJ" in the given language?

Ans
✗ A. 165
✓ B. 177
✗ C. 169
✗ D. 171

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Q.80 OS 5 is related to PP -5 in a certain way. In the same way, FJ 9 is related to GG -1. To which of the following is LN 11 related, following the same logic?

Ans

✗ A. VG 4

✗ B. HJ 3

✓ C. MK 1

✗ D. HM 2

Section : **General Awareness and Current Affairs**

Q.81 Which bird sanctuary in Uttar Pradesh was added to the Ramsar List in 2026 as a Wetland of International Importance?

Ans

✗ A. Sur Sarovar Bird Sanctuary

✓ B. Patna Bird Sanctuary

✗ C. Nawabganj Bird Sanctuary

✗ D. Okhla Bird Sanctuary

Q.82 Which dates were observed as Financial Literacy Week 2026 by RBI, focusing on safe banking practices?

Ans

✗ A. February 20 to 24, 2026

✗ B. February 1 to 5, 2026

✗ C. February 15 to 19, 2026

✓ D. February 9 to 13, 2026

Q.83 On May 7, 2026, Defence Research and Development Organisation and the Indian Air Force successfully conducted the maiden flight-trial of _____.

Ans

✗ A. Tactical Aviation Response Armament

✓ B. Tactical Advanced Range Augmentation

✗ C. Target Acquisition and Radar Assistance

✗ D. Tactical Airborne Reconnaissance Aircraft

Q.84 At the LA Track Fest in May 2026, Habtom Samuel achieved a historic feat in collegiate athletics. What record did he break?

Ans

✗ A. NCAA Long Jump record

✗ B. NCAA 1500m record

✓ C. NCAA 5000m record

✗ D. NCAA 110m hurdles record

Q.85 Following a deadly mass shooting in Australia in December 2025, Prime Minister Anthony Albanese announced a major national gun buyback scheme. At which prominent Australian location did this occur?

Ans

✗ A. Wieambilla, Queensland

✓ B. Bondi Beach, Sydney

✗ C. Lindt Cafe, Sydney

✗ D. Port Arthur, Tasmania

Q.86 Who organized the Prakriti 2026 conference under the patronage of the Ministry of Power and the Ministry of Environment, Forest and Climate Change?

Ans

✗ A. Indian Meteorological Department

✓ B. Bureau of Energy Efficiency

✗ C. Central Pollution Control Board

✗ D. NITI Aayog

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Q.87 **Which command hosted the high-level Joint Operations Conclave under the All Domain Joint Operations (ADJO) Exercise 2026 framework in February 2026?**

Ans

✗ A. Eastern Naval Command

✓ B. Western Air Command

✗ C. Central Air Command

✗ D. Southern Command

Q.88 **Which of the following leaders took oath as the Chief Minister of West Bengal in India in May 2026?**

Ans

✗ A. Sukanta Majumdar

✗ B. Dilip Ghosh

✗ C. Mamata Banerjee

✓ D. Suvendu Adhikari

Q.89 **In January 2026, which eminent individual from Kerala was honored with the Padma Vibhushan for their significant contributions in Public Affairs, specifically in judicial rectitude and constitutional governance?**

Ans

✓ A. K. T. Thomas

✗ B. Jasti Chelameswar

✗ C. Kurian Joseph

✗ D. P. Sathasivam

Q.90 **The Special Commonwealth Games Edition of the 75th edition of Fit India Sundays on Cycle, led by Minister of State for Youth Affairs & Sports in May 2026, was organised at which institution campus?**

Ans

✗ A. National Institute of Technology Silchar

✗ B. Indian Institute of Science Bengaluru

✓ C. Indian Institute of Technology Guwahati

✗ D. Indian Institute of Technology Delhi

Q.91 **Which of the following organizations published the book 'Janjati Gaurav' in March 2026 to document the history and contributions of India's tribal communities?**

Ans

✗ A. Sahitya Akademi

✓ B. Indira Gandhi National Centre for Arts

✗ C. Ministry of Tribal Affairs

✗ D. National Book Trust

Q.92 **On May 13, 2026, ISRO Telemetry, Tracking and Command Network (ISTRAC) signed a landmark MoU with SAMEER at Indian Institute of Technology Bombay. SAMEER functions under which Union Ministry?**

Ans

✗ A. Ministry of Communications

✓ B. Ministry of Electronics and Information Technology

✗ C. Ministry of Defence

✗ D. Ministry of Science and Technology

Q.93 **Which dashboard was launched by Union Home Minister Amit Shah during the inauguration of the new Cybercrime Branch of the Central Bureau of Investigation (CBI) in New Delhi in February 2026?**

Ans

✗ A. Digital Governance Monitoring Dashboard

✗ B. Unified Women Safety Monitoring Portal

✗ C. Central Financial Fraud Analysis Dashboard

✓ D. State Cyber Crime Coordination Centre (S4C) dashboard

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Q.94 In 2025, which DRDO-led project was identified as the India's strategic initiative for developing an indigenous extended-range surface-to-air missile system capable of multi-layer threat interception?

Ans
- ✗ A. Project SURAKSHA
- ✓ B. Project Kusha
- ✗ C. Raksha Shakti project
- ✗ D. DEFENCE-X

Q.95 In May 2026, the government revised financial grants for National Sports Federations (NSFs). Under these new guidelines, what is the revised grant for hosting international tournaments?

Ans
- ✓ A. ₹2 Crore
- ✗ B. ₹90 Lakh
- ✗ C. ₹1 Crore
- ✗ D. ₹5 Crore

Q.96 As per the Union Budget 2025-26, how many PM Research Fellowships will be provided for technological research in IITs and IISc, with enhanced financial support over the next five years?

Ans
- ✗ A. 14,000
- ✓ B. 10,000
- ✗ C. 16,000
- ✗ D. 12,000

Q.97 What is the name of the sixth Nilgiri-class stealth frigate delivered to the Indian Navy by Mazagon Dock Shipbuilders Limited on April 30, 2026?

Ans
- ✓ A. Mahendragiri
- ✗ B. Nilgiri
- ✗ C. Taragiri
- ✗ D. Vindhyagiri

Q.98 In 2026, which space agency carried four astronauts around the far side of the Moon, testing systems and workflows for future missions?

Ans
- ✗ A. CNSA (China)
- ✓ B. NASA (USA)
- ✗ C. ISRO (India)
- ✗ D. ESA (Europe)

Q.99 In 2026, which tennis star was named Laureus World Sportsman of the Year for his performances, which included winning the French and US Opens?

Ans
- ✗ A. Jannik Sinner
- ✓ B. Carlos Alcaraz
- ✗ C. Novak Djokovic
- ✗ D. Alexander Zverev

Q.100 In April 2026, the Ministry of Social Justice reported disbursing nearly Rs. 8,000 crore to over 75 lakh beneficiaries. Which community did this specific budget allocation target?

Ans
- ✗ A. The Parsi community specifically
- ✓ B. The Scheduled Caste (SC) beneficiaries
- ✗ C. The six notified minority communities (Christians, Muslims, etc.)
- ✗ D. The Particularly Vulnerable Tribal Groups (PVTGs)

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	12/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **_____ is necessary for the thyroid gland to make thyroxine hormone.**

Ans
- ✔ A. Iodine
- ✘ B. Calcium
- ✘ C. Vitamin D
- ✘ D. Iron

Q.2 **Which of the following substances does NOT contain carbon in its chemical composition?**

Ans
- ✘ A. DNA
- ✘ B. Carbohydrates
- ✘ C. Proteins
- ✔ D. Water

Q.3 **Which of the following does NOT occur during inhalation in human beings?**

Ans
- ✘ A. Air enters the lungs
- ✘ B. The chest cavity expands
- ✘ C. The diaphragm flattens downward
- ✔ D. Blood releases oxygen

Q.4 **Which of the following best explains why sodium chloride is solid at room temperature?**

Ans
- ✘ A. It forms molecules held by covalent bonds.
- ✘ B. It is held together by weak van der Waals forces.
- ✘ C. It has metallic bonding between atoms.
- ✔ D. It has a strong electrostatic attraction between ions.

Q.5 **A student pushes two carts, one heavy and one light, with the same force. According to Newton's second law, what will happen to their accelerations?**

Ans
- ✘ A. The heavier cart will move with zero acceleration
- ✔ B. The lighter cart will accelerate more than the heavier cart
- ✘ C. The heavier cart will accelerate more than the lighter cart
- ✘ D. Both carts will accelerate equally

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Q.6 **Which of the following situations correctly illustrates the scientific definition of work in physics?**

Ans

✔ A. A person lifts a box from the floor onto a table

✘ B. A person pushes against a wall but the wall does not move

✘ C. A person walks with a backpack at constant speed

✘ D. A person holds a book stationary above their head

Q.7 **While males produce millions of sperm, females usually produce only _____ mature egg(s) every month in humans.**

Ans

✘ A. A few hundred

✘ B. Zero

✘ C. Thousands

✔ D. One

Q.8 **What chemical change best indicates oxidation of a substance during a chemical reaction?**

Ans

✘ A. Gain of hydrogen only

✘ B. Loss of electrons only

✔ C. Gain of oxygen or loss of hydrogen

✘ D. Change in physical state

Q.9 **Which statement best describes the image formed by a convex lens when the object is placed between the focal point and the optical center of the lens?**

Ans

✔ A. The image is virtual, upright and larger than the object.

✘ B. The image is real, inverted and smaller than the object.

✘ C. The image is virtual, inverted and smaller than the object.

✘ D. The image is real, upright and larger than the object.

Q.10 **A wildlife veterinarian observes that a certain animal can maintain a large body size and perform complex behaviors. Which structural attribute is most vital for these traits?**

Ans

✘ A. External tentacles for movement

✘ B. Protective rigid outer covering

✘ C. Simple single-celled structure

✔ D. Vertebral column for support

Q.11 **A 13-year-old girl starts menstruating but has irregular cycles for the first year. Which underlying factor most likely contributes to this pattern according to reproductive maturity?**

Ans

✘ A. Fully developed uterus

✔ B. Immature hormonal regulation

✘ C. Fully matured ovaries

✘ D. Constant egg release

Q.12 **A laboratory investigation shows that magnesium reacts with bases to release a gas. Which is the most likely identity of the gas produced?**

Ans

✔ A. Hydrogen

✘ B. Carbon dioxide

✘ C. Chlorine

✘ D. Oxygen

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Q.13 **Which of the following combinations forms a homogeneous mixture when combined in water?**

Ans

✗ A. Iron filings and sulfur

✓ B. Salt and water

✗ C. Sugar and sand

✗ D. Oil and water

Q.14 **Which observation would provide the strongest evidence that a machine is a fixed pulley?**

Ans

✗ A. The machine stores energy while lifting.

✗ B. The load becomes lighter during lifting.

✓ C. The effort and load move in opposite directions.

✗ D. The applied force is smaller than the load.

Q.15 **In a food chain, the maximum concentration of non-biodegradable pollutants would be found in:**

Ans

✗ A. Herbivores

✓ B. Top carnivores

✗ C. Producers

✗ D. Decomposers

Q.16 **A student wants to increase the magnetic field strength around a straight conductor carrying current. Which combination of changes will most effectively achieve this?**

Ans

✗ A. Increasing the current while moving the observation point farther away.

✓ B. Increasing the current and bringing the observation point closer to the conductor.

✗ C. Keeping the current constant and changing the observation point to any location.

✗ D. Decreasing the current and moving the observation point farther from the conductor.

Q.17 **A certain sound wave has a frequency of 400 Hz. What is the time period for this wave?**

Ans

✗ A. 0.025 seconds

✓ B. 0.0025 seconds

✗ C. 0.25 seconds

✗ D. 0.05 seconds

Q.18 **Which of the following statements is CORRECT?**

Ans

✗ A. The two isotopes of carbon have same mass number.

✗ B. Atomic number is equal to number of nucleons.

✓ C. The three isotopes of hydrogen namely protium, deuterium and tritium have same number of protons.

✗ D. For an element, mass number is double of atomic number.

Q.19 **Which of the following best describes an echo in the context of sound propagation and reflection?**

Ans

✗ A. An echo is a louder sound produced when sound reflects from a wall.

✓ B. An echo is a reflected sound heard distinctly after the original sound.

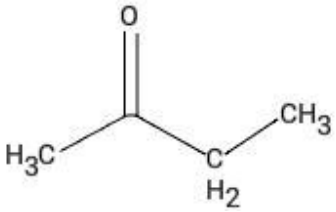
✗ C. An echo is a change in the pitch of a sound due to distance from the source.

✗ D. An echo is a continuous sound produced by a vibrating object.

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Q.20 **The IUPAC name of the given compound is:**



Ans

✔ A. Butan-2-one

✘ B. Butan-2-oic acid

✘ C. Butan-2-ol

✘ D. Butan-2-al

Q.21 **Which of the following compounds contains both an amine and a carboxyl functional group?**

Ans

✔ A. Glycine

✘ B. Ethanal

✘ C. Propanone

✘ D. Ethanol

Q.22 **Which rule for writing chemical symbols is correct?**

Ans

✘ A. Second letter capital only

✘ B. Letters written in italics

✘ C. Both letters capitalised

✔ D. First letter capital only

Q.23 **Two objects, Object P and Object Q, move along a straight road. Object P travels 20 meters every 2 seconds, while Object Q covers 20 meters in the first 2 seconds and 30 meters in the next 2 seconds. Which statement is correct about their motions?**

Ans

✘ A. Both objects are in uniform motion.

✘ B. Object P is in non-uniform motion, while Object Q is in uniform motion.

✔ C. Object P is in uniform motion, while Object Q is in non-uniform motion.

✘ D. Both objects are in non-uniform motion.

Q.24 **An electric kettle has a resistance of 10 ohms and is connected to a 220 V supply. For 5 minutes of operation, how much charge flows through it?**

Ans

✔ A. 6600 C

✘ B. 1100 C

✘ C. 2200 C

✘ D. 13200 C

Q.25 **In a food web, herbivores are generally:**

Ans

✘ A. Decomposers

✘ B. Producers

✘ C. Secondary consumers

✔ D. Primary consumers

Section : **Mathematics**

Q.26 **In a dataset, the mean is 65 and the median is 70. Find the mode of the data.**

Ans

✘ A. 55

✘ B. 75

✘ C. 60

✔ D. 80

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Q.27 A car travels 240 km in 4 hours. How far will it travel in 7 hours at the same speed?

Ans

✗ A. 400 km

✓ B. 420 km

✗ C. 480 km

✗ D. 360 km

Q.28 The ratio of two numbers is 21:5 and their HCF is 50. What will be their LCM?

Ans

✓ A. 5250

✗ B. 5220

✗ C. 5240

✗ D. 5260

Q.29 If the height of a triangle is increased by 40% and its base is decreased by 25%, what will be the effect on its area?

Ans

✗ A. Decreases by 2%

✓ B. Increases by 5%

✗ C. Increases by 2%

✗ D. Decreases by 5%

Q.30 In what ratio should coffee costing ₹3800/kg be mixed with coffee costing ₹2750/kg so that the cost of the mixture is ₹3050/kg?

Ans

✓ A. 2:5

✗ B. 3:5

✗ C. 3:7

✗ D. 2:3

Q.31 A car travels a total distance of 180 km, divided equally into three parts of 60 km each. On the first part, it moves at a speed of 60 km/h; on the second, it slows down to 40 km/h. On the third part, its speed increases again so that the overall average speed for the entire journey becomes 54 km/h. Find the speed of the car on the third part.

Ans

✗ A. 90 km/h

✗ B. 75 km/h

✗ C. 78 km/h

✓ D. 72 km/h

Q.32 A recipe requires flour and sugar in the ratio 3 : 2. If a baker uses 600 grams of flour, how much quantity (in grams) of sugar is needed?

Ans

✓ A. 400

✗ B. 500

✗ C. 450

✗ D. 360

Q.33 Kaushal travelled for 22 hours 3 minutes at the speed of 20 km/h. At what speed (in km/h) should he travel to cover the same distance in 21 hours?

Ans

✗ A. 18

✗ B. 20

✗ C. 19

✓ D. 21

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Q.34 In an election between two candidates, one candidate received 28% of the total votes but lost the election by a margin of 649 votes. If all the votes cast were valid, find the total number of votes cast.

Ans

✗ A. 1495

✓ B. 1475

✗ C. 1485

✗ D. 1465

Q.35 The difference between the measures of an interior angle and an exterior angle of a regular polygon is 108°. If the number of sides are n and the ratio of the interior angle to the exterior angle is p : r, then $n + p + r$ is:

Ans

✗ A. multiple of 9

✗ B. multiple of 6

✓ C. multiple of 5

✗ D. multiple of 7

Q.36 In 8 years, Dhruv will be twice as old as Divya. Four years ago, he was four times as old as Divya. Find the present age of Dhruv.

Ans

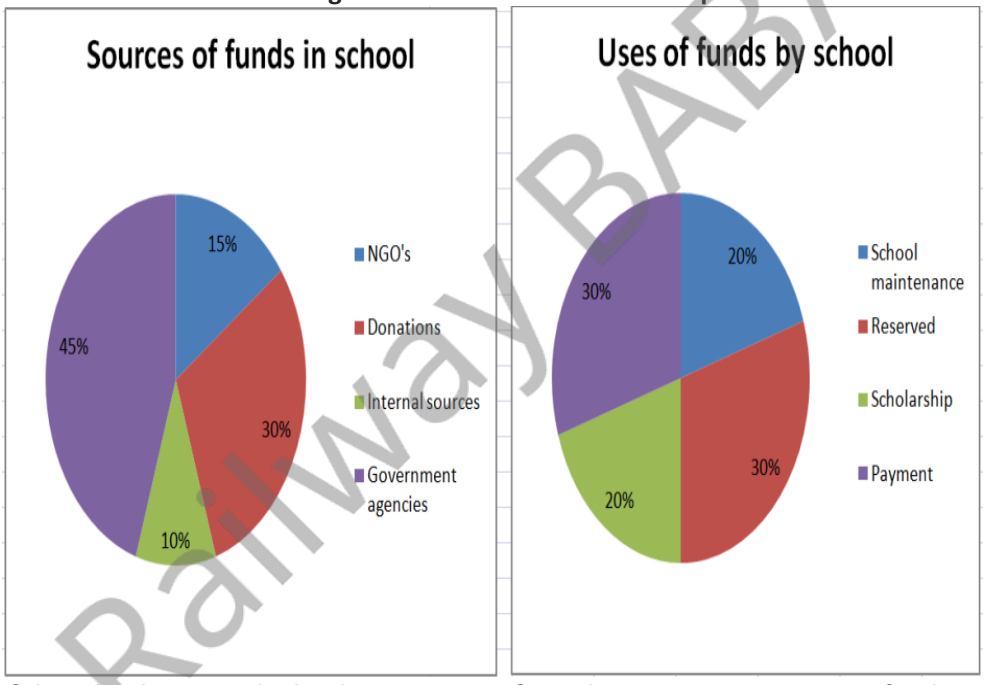
✗ A. 26 years

✗ B. 20 years

✗ C. 30 years

✓ D. 28 years

Q.37 Study the following pie charts carefully and answer the question given below it.
The entire fund that school gets from different sources is equal to ₹640 lakh.



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If the school managed school maintenance from the government agencies fund only, how much fund from government agencies would still be left for other uses?

Ans

✗ A. ₹140 lakh

✗ B. ₹120 lakh

✓ C. ₹160 lakh

✗ D. ₹180 lakh

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Q.38 What will be the compound interest on a sum of ₹7,625 after 3 years at the rate of 20% per annum, interest being compounded annually?

Ans

✗ A. ₹5,581

✗ B. ₹5,561

✗ C. ₹5,571

✓ D. ₹5,551

Q.39 A rectangular water tank measuring 80 cm × 60 cm × 50 cm contains water up to a height of 30 cm. A solid metal cube of edge 20 cm and a solid metal cuboid of dimensions 26 cm × 13 cm × 10 cm are dropped into the tank. Find the rise in the water level (rounded off to two decimal places).

Ans

✗ A. 2.67 cm

✓ B. 2.37 cm

✗ C. 2.17 cm

✗ D. 2.97 cm

Q.40 Given that $122^{0.86} = x$, $122^{0.22} = y$ and $x^z = y^7$, then the value of z is close to:

Ans

✗ A. 0.56

✓ B. 1.79

✗ C. 2.11

✗ D. 4.46

Q.41 Simplify: $2 + \frac{\sin A}{\cot A - \operatorname{cosec} A} - \frac{\sin^2 A}{\cos A + 1}$

Ans

✗ A. $\sec^2 A$

✗ B. ∞

✗ C. $\tan A$

✓ D. 0

Q.42 Three numbers are in the ratio 2:3:4. If the sum of their cubes is 2673, then the largest number is:

Ans

✗ A. 15

✗ B. 9

✗ C. 6

✓ D. 12

Q.43 Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 4% per annum rate of interest.

Ans

✗ A. 57

✗ B. 177

✗ C. 127

✓ D. 77

Q.44 Working alone, X takes 12 days, Y takes 15 days, and Z takes 20 days to complete a task. How many days will be required to complete the task if they work together?

Ans

✗ A. 4 days

✗ B. 6 days

✗ C. 8 days

✓ D. 5 days

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Q.45 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 18% and 51%, shop II allows successive discounts of 59% and 89%, shop III allows successive discounts of 57% and 40% and shop IV allows successive discounts of 68%, 69% and 27% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✔ A. II
- ✘ B. I
- ✘ C. III
- ✘ D. IV

Q.46 Saurav deposited a certain sum of money at the rate of 20% per annum, compounded annually. At the end of 2 years, the total amount received was ₹70,164. What was the sum of money deposited by Saurav?

Ans
- ✘ A. ₹48,931
- ✘ B. ₹48,606
- ✔ C. ₹48,725
- ✘ D. ₹48,407

Q.47 The value of $3(\sec^2\theta + \operatorname{cosec}^2\theta) - 10(\cot^2\theta \times \cos^2\theta)$, when $\theta = 45°$, is:

Ans
- ✔ A. 7
- ✘ B. -7
- ✘ C. 10
- ✘ D. 13

Q.48 If the mean of the following data is 45, then what is the value of x?

Class	20-30	30-40	40-50	50-60	60-70
Frequency	34	35	42	21	x

Ans
- ✘ A. 42
- ✔ B. 41
- ✘ C. 46
- ✘ D. 27

Q.49 A manufacturer fixes his selling price at 70% above the cost of production. If the cost of production increases by 10% and the manufacturer increases his selling price by 10%, what is the new profit percentage?

Ans
- ✔ A. 70%
- ✘ B. 73%
- ✘ C. 72%
- ✘ D. 71%

Q.50 The income of Raman is ₹43,500. He saves 17% of his income. If his income increases by 18% and expenditure increases by 20%, then his savings will:

Ans
- ✘ A. decrease by ₹608
- ✘ B. increase by ₹606
- ✘ C. decrease by ₹604
- ✔ D. increase by ₹609

Section : **General Intelligence and Reasoning**

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Q.51 What should come in place of ? in the given series based on the English alphabetical order?
DCF HGJ LKN POR ?

Ans
✗ A. TRU
✗ B. TTU
✓ C. TSV
✗ D. TUW

Q.52 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) C G I D Q R O A J Y C E C P B Q I F O O J C (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans
✗ A. 2
✗ B. 3
✗ C. 0
✓ D. 1

Q.53 A, B, C, D, E, F and G are sitting in a straight line facing the north.
No one sits to the right of G. Only three people sit between G and F. Only two people sit between F and B. C sits third to the left of D. E sits to the immediate right of D.
How many people sit to the right of F?

Ans
✓ A. 4
✗ B. 3
✗ C. 1
✗ D. 2

Q.54 Junaid starts from Point A and drives 17 km towards north. He then takes a right turn, drives 16 km, turns right and drives 22 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
✗ A. 1 km towards east
✓ B. 3 km towards east
✗ C. 2 km towards east
✗ D. 4 km towards east

Q.55 Each letter in the word ENCRYPT is changed to the letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be third from the right in the new group of letters thus formed?

Ans
✗ A. O
✗ B. X
✓ C. Q
✗ D. B

Q.56 Shankar started walking from Point A. He walked towards south for 5 km. He took a right turn and walked for 7 km. There he took a left turn and walked for 2 km. Again, he took a left turn and walked for 9 km. At last, he took a left turn and walked for 7 km. How far (shortest distance) and towards which direction should he walk in order to reach Point A again?

Ans
✓ A. 2 km towards west
✗ B. 2 km towards east
✗ C. 7 km towards west
✗ D. 7 km towards east

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Q.57 This question is based on the given words.

TSO MUD FAN KID

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed will no vowel appear?

Ans
✗ A. One
✗ B. Two
✗ C. Four
✓ D. Three

Q.58 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
DOG : GRJ
BST : EVW

Ans
✗ A. EHL : IFP
✗ B. TEL : VHP
✓ C. KAL : NDO
✗ D. CIG : FKJ

Q.59 20 people are sitting in a row facing north. Tarun is 5^{th} from the right end of the row. If Aman sits 10^{th} to the left of Tarun, what is Aman's position from the right end of the row?

Ans
✓ A. 15^{th}
✗ B. 14^{th}
✗ C. 16^{th}
✗ D. 13^{th}

Q.60 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Kartik related to Naira if 'Kartik # Manish % Uday @ Chanchal $ Naira'?

Ans
✗ A. Wife's mother's father's father
✓ B. Wife's mother's father's brother
✗ C. Wife's mother's mother's brother
✗ D. Wife's mother's mother's father

Q.61 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
238 ÷ 65 × 455 − 265 + 139 = ?

Ans
✗ A. 126
✓ B. 160
✗ C. 106
✗ D. 261

Q.62 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. ZDB
✓ B. NSP
✗ C. BFD
✗ D. YCA

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Q.63 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

213 D 48 C 5 B 54 A 9 = ?

Ans
- ✗ A. 193
- ✓ B. 195
- ✗ C. 198
- ✗ D. 194

Q.64 23 is related to 258 following a certain logic. Following the same logic, 31 is related to 346. To which of the following is 46 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 526
- ✗ B. 539
- ✗ C. 565
- ✓ D. 511

Q.65 G, H, J, K, L, and P live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. Only two people live between H and K. Only P lives above G. J lives on an even-numbered floor. H lives on the lowermost floor. How many people live between L and P?

Ans
- ✓ A. Two
- ✗ B. One
- ✗ C. Three
- ✗ D. Four

Q.66 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) P A O R T L Z O Q W E U M H B D E X D E S A (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✓ A. 4
- ✗ B. 3
- ✗ C. 5
- ✗ D. 6

Q.67 What should come in place of the question mark (?) in the given series?

66 59 53 48 44 41 ?

Ans
- ✗ A. 37
- ✗ B. 38
- ✗ C. 40
- ✓ D. 39

Q.68 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MNO : LPL
IPH : HRE

Ans
- ✗ A. NVS : MWP
- ✗ B. RRL : QTH
- ✗ C. OKL : NMH
- ✓ D. HGR : GIO

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Q.69 In a certain code language,
A + B means 'A is the daughter of B',
A – B means 'A is the wife of B',
A × B means 'A is the son of B',
and A ÷ B means 'A is the husband of B'.

How is P related to T if 'P + Q – R × S ÷ T'?

Ans
- ✔ A. Son's daughter
- ✘ B. Daughter's daughter
- ✘ C. Sister
- ✘ D. Daughter

Q.70 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. VZ-DJ
- ✘ B. JN-RX
- ✘ C. UY-CI
- ✔ D. CG-VO

Q.71 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All wallets are jugs.
Some wallets are mats.

Conclusions:
(I) Some jugs are mats.
(II) All mats are wallets.

Ans
- ✘ A. Both conclusions (I) and (II) follow
- ✘ B. Neither conclusion (I) nor (II) follows
- ✔ C. Only conclusion (I) follows
- ✘ D. Only conclusion (II) follows

Q.72 This question is based on the given words.

FIRE BOND GULP CROW

In each of the words, each consonant is changed to the letter immediately preceding it in the English alphabetical order and each vowel is kept unchanged. How many words thus formed have more than one vowel?

Ans
- ✔ A. Three
- ✘ B. Four
- ✘ C. Two
- ✘ D. One

Q.73 Six people, C, D, E, O, P and Q, are sitting in a row, facing north.
Only three people sit to the left of E. Only C sits to the right of D. Only two people sit between D and P. Q sits at some place to the right of O.
How many people sit between O and Q?

Ans
- ✔ A. One
- ✘ B. Two
- ✘ C. Three
- ✘ D. None

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Q.74 Purshottam starts from Point A and drives 13 km towards the north. He then takes a left turn, drives 8 km, turns left and drives 21 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 8 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 6 km to the east
- ✗ B. 5 km to the east
- ✗ C. 6 km to the west
- ✓ D. 5 km to the west

Q.75 Refer to the following letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) T Y & 3 4 @ 5 F # G % H 7 9 V B 6 N 4 * (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the right?

Ans
- ✗ A. #
- ✗ B. V
- ✓ C. H
- ✗ D. &

Q.76 What should come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

73 - 13 ÷ 8 + 123 × 3 = ?

Ans
- ✗ A. 133
- ✗ B. 135
- ✗ C. 139
- ✓ D. 136

Q.77 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: NOA :: RUZ : %

Ans
- ✗ A. #=PMC, %=PYX
- ✓ B. #=PMC, %=PWX
- ✗ C. #=PMC, %=PWU
- ✗ D. #=PMC, %=PWY

Q.78 3 is related to 12 in a certain way. Following the same way, 12 is related to 48. To which of the following is 16 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 63
- ✗ B. 65
- ✓ C. 64
- ✗ D. 62

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Q.79 Eight boxes, M, N, O, P, Q, R, S and T, are kept one over the other, but not necessarily in the same order.
Only three boxes are kept between N and R. Only two boxes are kept between R and M. Only two boxes are kept between O and T. T is kept at lowermost position. S is kept immediately above Q. Only P is kept exactly between R and O. T is kept immediately below R.
How many boxes are kept exactly between T and M?

Ans
✗ A. Four
✓ B. Three
✗ C. Two
✗ D. One

Q.80 Each letter in the word INJURED is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter that is fourth from the left and the one that is second from the right in the new letter-cluster thus formed?

Ans
✗ A. 10
✓ B. 7
✗ C. 8
✗ D. 6

Section : **General Awareness and Current Affairs**

Q.81 What was the name of the weapon whose maiden flight-trial had been successfully conducted by DRDO and the Indian Air Force off the coast of Odisha in May 2026?

Ans
✗ A. Indigenous Air Strike Augmentation System
✗ B. Precision Range Extension Weapon
✗ C. Advanced Tactical Glide System
✓ D. Tactical Advanced Range Augmentation

Q.82 In early 2026, which legendary actor from Maharashtra was posthumously recognized for his significant contributions to Indian commercial and parallel cinema by receiving the Padma Vibhushan in Art?

Ans
✗ A. Shri Amol Palekar
✗ B. Shri Nana Patekar
✗ C. Shri Dilip Prabhavalkar
✓ D. Shri Dharmendra Singh Deol

Q.83 Which state government introduced cyber safety protocols specifically for school children in March 2026?

Ans
✗ A. Maharashtra
✓ B. Kerala
✗ C. Tamil Nadu
✗ D. Karnataka

Q.84 In May 2026, the Indian para-athlete Sumit Antil broke his own World Record in the Men's Javelin F64 category. What was the distance of his record-breaking throw?

Ans
✗ A. 70.50 meters
✗ B. 73.29 meters
✗ C. 80.02 meters
✓ D. 74.82 meters

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Q.85 In 2026, NITI Aayog launched the strategic framework “DPI@2047 for Viksit Bharat”. What does “DPI” stand for?

Ans

✗ A. Development Planning Index

✗ B. Dynamic Policy Integration

✓ C. Digital Public Infrastructure

✗ D. Digital Policy Initiative

Q.86 Which indigenous technology had been launched by the Union Minister of Communications on 02 May 2026 to strengthen India’s emergency communication systems and enhance public safety infrastructure under the guidance of the Ministry of Home Affairs?

Ans

✗ A. Global Positioning System

✓ B. Cell Broadcast System

✗ C. Satellite Tracking Network

✗ D. National Emergency Radio Grid

Q.87 Who won the Laureus World Comeback of the Year Award at the 2026 Laureus World Sports Awards, after completing golf's Career Grand Slam with a Masters victory — 11 years after his last Major win?

Ans

✓ A. Rory McIlroy

✗ B. Tiger Woods

✗ C. Justin Rose

✗ D. Jon Rahm

Q.88 For a lower-middle-income country like India, which figure in 2023 best reflects the average proportion of the population covered by at least one social protection benefit, according to the report?

Ans

✓ A. 71.2%

✗ B. 9.7%

✗ C. 85.9%

✗ D. 32.4%

Q.89 The EOS-N1 satellite, carried by the PSLV-C62 mission in January 2026, was developed by which organisation?

Ans

✓ A. Defence Research and Development Organisation

✗ B. Bharat Electronics Limited

✗ C. Indian Space Research Organisation

✗ D. National Aerospace Laboratories

Q.90 What was the name of the app launched by Union Minister Kiren Rijiju under the PMJVK Scheme during the National Chintan Shivir held at Nalanda University, Rajgir, Bihar, in February 2026?

Ans

✓ A. NIGRANI App

✗ B. UMEED App

✗ C. SAMVAD App

✗ D. PRAGATI App

Q.91 According to the Supreme Court ruling in 2026, Scheduled Caste status had been restricted to followers of which religions under the Constitution (Scheduled Castes) Order, 1950?

Ans

✓ A. Hinduism, Sikhism and Buddhism

✗ B. Sikhism, Islam and Buddhism

✗ C. Hinduism, Christianity and Buddhism

✗ D. Hinduism, Jainism and Christianity

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Q.92 **Which of the following cricketers from Maharashtra received the Padma Shri in 2026?**

Ans

✗ A. Hardik Pandya

✗ B. Sachin Tendulkar

✓ C. Rohit Sharma

✗ D. Shikhar Dhawan

Q.93 **What was the key outcome of the RBI's Monetary Policy Committee meeting in October 2025?**

Ans

✗ A. The introduction of a 25 basis points Cash Reserve Ratio (CRR) hike.

✗ B. A reduction in the repo rate to 5.25% to boost credit flow.

✗ C. An increase in the repo rate to 6.5% to curb inflation.

✓ D. A decision to keep the repo rate unchanged at 5.50%.

Q.94 **In which state had Oil India Limited unlocked a new gas-bearing pay zone in the Dandewala Field from the Sanu Formation in 2026?**

Ans

✗ A. Odisha

✗ B. Gujarat

✗ C. Assam

✓ D. Rajasthan

Q.95 **The Khelo India Tribal Games were held from 25 March to 3 April 2026 in which state?**

Ans

✗ A. Odisha

✓ B. Chhattisgarh

✗ C. Jharkhand

✗ D. Madhya Pradesh

Q.96 **India's flagship global textile event 'Bharat Tex 2026' will be held in:**

Ans

✗ A. Mumbai

✓ B. New Delhi

✗ C. Bengaluru

✗ D. Ahmedabad

Q.97 **Which organisation released the "Women, Business and the Law 2026" report, highlighting the global gap between gender equality laws and their implementation?**

Ans

✗ A. International Monetary Fund

✗ B. United Nations Development Programme

✓ C. World Bank Group

✗ D. World Economic Forum

Q.98 **The Indian Pharmacopoeia Commission (IPC) signed three MoUs in November 2025 with Nagaland Medical Council, Nagaland State Drugs Control Administration (NSDCA), and Nagaland State Pharmacy Council primarily to strengthen which of the following areas in the state?**

Ans

✗ A. Expansion of health insurance coverage

✗ B. Establishment of new medical colleges

✗ C. Implementation of tele-medicine services

✓ D. Promotion of pharmacovigilance and materiovigilance activities

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Q.99 **Which organisation had released the operational guidelines for implementation of the BHAVYA Scheme aimed at developing investment-ready industrial parks across India in May 2026?**

Ans

✔ A. Department for Promotion of Industry and Internal Trade

✘ B. Department for Manufacturing and Industrial Enterprise Development

✘ C. Department for Industrial Infrastructure and Investment Promotion

✘ D. Department for Development of Industrial Trade and Commerce

Q.100 **Which country was represented by Dr. Iroro Tanshi, who was announced as a recipient of the 2026 Goldman Environmental Prize for protecting the endangered short-tailed roundleaf bat and its habitat in the Afi Mountain Wildlife Sanctuary?**

Ans

✔ A. Nigeria

✘ B. Brazil

✘ C. South Korea

✘ D. Colombia

"

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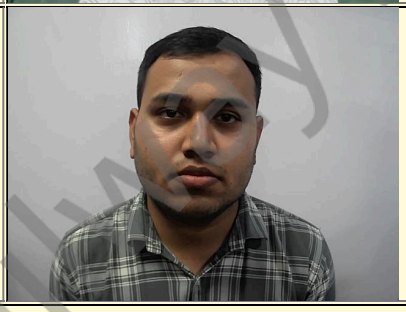
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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	Q92511057474
Roll Number	249254242251690
Candidate Name	MOHAMMED PARVEZ MOHAMMED NAEEM
Community	OBC NCL
Test Center Name	Sipna College of Engineering and Technology
Test Date	12/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 What property of an object does the first law of motion primarily describe?

Ans ✔ A. Inertia

✘ B. Energy

✘ C. Momentum

✘ D. Acceleration

Question ID : **4410092046125**
Option 1 ID : **4410098056575**
Option 2 ID : **4410098056574**
Option 3 ID : **4410098056576**
Option 4 ID : **4410098056573**
Status : **Answered**
Chosen Option : **A**

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Q.2 **A student shouts facing a tall building 176 meters away and hears the echo after 1 second. What is the speed of sound in air based on this observation?**

Ans
- ✗ A. 176 m/s
- ✗ B. 400 m/s
- ✗ C. 330 m/s
- ✓ D. 352 m/s

Question ID : **4410092046022**
Option 1 ID : **4410098056162**
Option 2 ID : **4410098056163**
Option 3 ID : **4410098056161**
Option 4 ID : **4410098056164**
Status : **Answered**
Chosen Option : **D**

Q.3 **A botanist is designing a water-efficient vertical garden for a city building. Which simple permanent tissue should be mainly used to provide both support and flexibility to withstand wind?**

Ans
- ✗ A. Sclerenchyma
- ✗ B. Parenchyma
- ✓ C. Collenchyma
- ✗ D. Epidermal tissue

Question ID : **4410091705445**
Option 1 ID : **4410096726788**
Option 2 ID : **4410096726786**
Option 3 ID : **4410096726787**
Option 4 ID : **4410096726789**
Status : **Answered**
Chosen Option : **C**

Q.4 **A couple is considering permanent surgical contraception to avoid future pregnancies. Which of these is a limitation of this approach in the context of sexually transmitted diseases?**

Ans
- ✗ A. Causes uterine irritation
- ✗ B. Increases hormonal side effects
- ✗ C. Is reversible by oral pills
- ✓ D. Does not prevent infections

Question ID : **4410091973676**
Option 1 ID : **4410097773723**
Option 2 ID : **4410097773720**
Option 3 ID : **4410097773722**
Option 4 ID : **4410097773721**
Status : **Answered**
Chosen Option : **D**

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Q.5 **Which statement correctly compares information conduction in plants and animals?**

Ans
✗ A. Both use same tissue
✓ B. Plants lack specialized tissue
✗ C. Animals lack conduction
✗ D. Plants use nerves

Question ID : **4410092045302**
Option 1 ID : **4410098053291**
Option 2 ID : **4410098053290**
Option 3 ID : **4410098053293**
Option 4 ID : **4410098053292**
Status : **Answered**
Chosen Option : **B**

Q.6 **A new land plant has vascular tissues but no flowers or seeds. Which group does it belong to, and which significant challenge does this group face?**

Ans
✗ A. Bryophyta; lack of vascular tissues for transport
✓ B. Pteridophyta; absence of seeds limits reproductive success
✗ C. Angiosperm; seeds exposed to environment
✗ D. Gymnosperm; reliance on water for fertilisation

Question ID : **4410091993370**
Option 1 ID : **4410097851027**
Option 2 ID : **4410097851028**
Option 3 ID : **4410097851025**
Option 4 ID : **4410097851026**
Status : **Answered**
Chosen Option : **B**

Q.7 **Read the given statements of Assertion (A) and Reason (R) carefully and select the correct option.**

(A): Copper can be obtained from copper oxide by heating it with carbon.
(R): Copper is low in the activity series and can be reduced by simple heating.

Ans
✗ A. Both A and R are true, but R is not the correct explanation of A.
✗ B. A is false, but R is true.
✗ C. Both A and R are true, and R is the correct explanation of A.
✓ D. A is true, but R is false.

Question ID : **4410091029541**
Option 1 ID : **4410094069853**
Option 2 ID : **4410094069852**
Option 3 ID : **4410094069850**
Option 4 ID : **4410094069851**
Status : **Marked For Review**
Chosen Option : **B**

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Q.8 Where are protons located within an atom?

Ans
- ✗ A. In the atomic shell
- ✓ B. In the nucleus of an atom
- ✗ C. Outside the atom
- ✗ D. In the electron cloud

Question ID : **4410091724945**
Option 1 ID : **4410096802878**
Option 2 ID : **4410096802876**
Option 3 ID : **4410096802877**
Option 4 ID : **4410096802875**
Status : **Answered**
Chosen Option : **B**

Q.9 A scientist groups forest animals first by their feeding habits and then by habitat. Which is the main advantage of this multi-criteria classification approach?

Ans
- ✗ A. It reduces the number of groups
- ✗ B. It simplifies taxonomy
- ✓ C. It reveals functional relationships
- ✗ D. It focuses on genetic similarity

Question ID : **4410091978182**
Option 1 ID : **4410097791629**
Option 2 ID : **4410097791627**
Option 3 ID : **4410097791628**
Option 4 ID : **4410097791630**
Status : **Answered**
Chosen Option : **B**

Q.10 A patient who frequently chews tobacco products develops difficulty in swallowing and persistent mouth sores. Which health condition is most likely indicated?

Ans
- ✗ A. Diabetes
- ✗ B. Asthma
- ✗ C. Hepatitis
- ✓ D. Oral cancer

Question ID : **4410091981887**
Option 1 ID : **4410097806376**
Option 2 ID : **4410097806374**
Option 3 ID : **4410097806377**
Option 4 ID : **4410097806375**
Status : **Answered**
Chosen Option : **D**

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Q.11 Why do the seven colors of sunlight emerge separately after passing through a prism?

Ans

✗ A. Colors are absorbed at different rates

✗ B. Prism shape blocks some colors

✗ C. All colors move at the same speed in glass

✓ D. Different colors travel at different speeds in glass

Question ID : **4410092046356**
Option 1 ID : **4410098057495**
Option 2 ID : **4410098057494**
Option 3 ID : **4410098057496**
Option 4 ID : **4410098057493**
Status : **Answered**
Chosen Option : **D**

Q.12 During aerobic respiration in animals, the breakdown of a three-carbon pyruvate molecule produces carbon dioxide and _____.

Ans

✓ A. Water

✗ B. Ethanol

✗ C. Lactic acid

✗ D. Glucose

Question ID : **4410091978914**
Option 1 ID : **4410097794558**
Option 2 ID : **4410097794555**
Option 3 ID : **4410097794557**
Option 4 ID : **4410097794556**
Status : **Answered**
Chosen Option : **A**

Q.13 Which of the following statements are correct according to Bohr's model of the atom?

Electrons revolve around the nucleus in fixed circular paths called energy levels or shells.

The energy of electrons changes continuously while revolving in a particular orbit.

Energy is absorbed or emitted only when an electron jumps from one energy level to another.

Ans

✓ A. Only 1 and 3 are correct

✗ B. All statements are correct

✗ C. Only 1 and 2 are correct

✗ D. Only 2 and 3 are correct

Question ID : **4410091079291**
Option 1 ID : **4410094254451**
Option 2 ID : **4410094254453**
Option 3 ID : **4410094254450**
Option 4 ID : **4410094254452**
Status : **Answered**
Chosen Option : **A**

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Q.14 Which of the following statements best describes a saturated carbon compound?

Ans ✗ A. A saturated carbon compound contains at least one triple bond between carbon atoms.

✓ B. A saturated carbon compound contains only single bonds between carbon atoms.

✗ C. A saturated carbon compound contains at least one double bond between carbon atoms.

✗ D. A saturated carbon compound contains a benzene ring in its structure.

Question ID : **4410091611481**
Option 1 ID : **4410096364781**
Option 2 ID : **4410096364779**
Option 3 ID : **4410096364780**
Option 4 ID : **4410096364782**
Status : **Answered**
Chosen Option : **B**

Q.15 What chemical process mainly causes unpleasant smell and taste in oily food items?

Ans ✗ A. Evaporation of water

✓ B. Oxidation of fats and oils

✗ C. Fermentation of sugars

✗ D. Action of enzymes

Question ID : **4410091704475**
Option 1 ID : **4410096722964**
Option 2 ID : **4410096722962**
Option 3 ID : **4410096722963**
Option 4 ID : **4410096722965**
Status : **Answered**
Chosen Option : **B**

Q.16 Why can a solenoid be used to magnetise a piece of soft iron placed inside it?

Ans ✗ A. Because the solenoid creates a weak and scattered magnetic field inside it

✓ B. Because the solenoid produces a strong and uniform magnetic field inside it

✗ C. Because the solenoid blocks magnetic fields from entering soft iron

✗ D. Because the solenoid produces a non-uniform field only outside it

Question ID : **4410092045907**
Option 1 ID : **4410098055702**
Option 2 ID : **4410098055704**
Option 3 ID : **4410098055703**
Option 4 ID : **4410098055701**
Status : **Answered**
Chosen Option : **B**

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Q.17 Which of the following statements best describes how the speed of sound changes as it moves from air into water?

Ans

✔ A. The speed of sound increases when moving from air to water.

✘ B. The speed of sound decreases when moving from air to water.

✘ C. The speed of sound remains the same in both air and water.

✘ D. The speed of sound is slower in water than in air.

Question ID : **4410092045991**
Option 1 ID : **4410098056037**
Option 2 ID : **4410098056039**
Option 3 ID : **4410098056040**
Option 4 ID : **4410098056038**
Status : **Answered**
Chosen Option : **A**

Q.18 Which factor does **NOT** contribute to immediate plant movement after a stimulus?

Ans

✘ A. Signal transfer

✔ B. Muscle contraction

✘ C. Shape change

✘ D. Water flow

Question ID : **4410092045304**
Option 1 ID : **4410098053298**
Option 2 ID : **4410098053299**
Option 3 ID : **4410098053301**
Option 4 ID : **4410098053300**
Status : **Answered**
Chosen Option : **B**

Q.19 A worker is choosing among four levers to lift a heavy concrete block. To reduce the effort required as much as possible, which lever should the worker select?

Ans

✘ A. Effort arm = 50 cm, Load arm = 25 cm

✘ B. Effort arm = 20 cm, Load arm = 20 cm

✔ C. Effort arm = 40 cm, Load arm = 10 cm

✘ D. Effort arm = 30 cm, Load arm = 15 cm

Question ID : **4410092046336**
Option 1 ID : **4410098057420**
Option 2 ID : **4410098057417**
Option 3 ID : **4410098057419**
Option 4 ID : **4410098057418**
Status : **Answered**
Chosen Option : **C**

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Q.20 Which of the following situations shows an object with zero linear velocity on a position-time graph?

Ans

✗ A. A curved line rising from left to right.

✗ B. An upward-sloping straight line from the origin.

✗ C. A downward-sloping straight line from the origin.

✓ D. A horizontal straight line parallel to the time axis.

Question ID : **4410092046168**
Option 1 ID : **4410098056748**
Option 2 ID : **4410098056746**
Option 3 ID : **4410098056745**
Option 4 ID : **4410098056747**
Status : **Answered**
Chosen Option : **D**

Q.21 A student heats ethanol with alkaline potassium permanganate. Which observation confirms that the oxidation process occurred?

Ans

✗ A. formation of a sweet-smelling ester

✗ B. no change in color or smell

✗ C. evolution of a gas with a burning smell

✓ D. purple color of KMnO4 fades and a sharp-smelling liquid forms

Question ID : **4410091607938**
Option 1 ID : **4410096350699**
Option 2 ID : **4410096350696**
Option 3 ID : **4410096350698**
Option 4 ID : **4410096350697**
Status : **Answered**
Chosen Option : **D**

Q.22 Which of the following is a chemical change and NOT a physical change?

Ans

✗ A. Melting of ice

✓ B. Rusting of iron

✗ C. Boiling of water

✗ D. Dissolving sugar in water

Question ID : **4410091477522**
Option 1 ID : **4410095837475**
Option 2 ID : **4410095837478**
Option 3 ID : **4410095837477**
Option 4 ID : **4410095837476**
Status : **Answered**
Chosen Option : **B**

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Q.23 What will happen to the resistance of a wire if both the current and voltage are increased by the same factor?

Ans

✗ A. The resistance will decrease.

✗ B. The resistance will increase.

✗ C. The resistance will depend on the factor increase.

✓ D. The resistance will remain unchanged.

Question ID : **4410092045867**
Option 1 ID : **4410098055542**
Option 2 ID : **4410098055543**
Option 3 ID : **4410098055544**
Option 4 ID : **4410098055541**
Status : **Answered**
Chosen Option : **D**

Q.24 Sodium carbonate (washing soda) is used in which of the following industries?

a. glass
b. soap
c. paper

Ans

✗ A. Only a and b

✗ B. Only a and c

✗ C. Only b and c

✓ D. a, b and c

Question ID : **4410091164633**
Option 1 ID : **4410094593063**
Option 2 ID : **4410094593065**
Option 3 ID : **4410094593064**
Option 4 ID : **4410094593062**
Status : **Answered**
Chosen Option : **D**

Q.25 Which statement best describes the law of conservation of energy?

Ans

✓ A. Energy cannot be created or destroyed; it only changes form.

✗ B. Energy always increases in a closed system.

✗ C. Energy can be destroyed but not created.

✗ D. Energy is used up during physical processes and disappears.

Question ID : **4410092046050**
Option 1 ID : **4410098056274**
Option 2 ID : **4410098056273**
Option 3 ID : **4410098056276**
Option 4 ID : **4410098056275**
Status : **Answered**
Chosen Option : **A**

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Section : **Mathematics**

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Q.26 X and Y start a partnership with investments of Rs. 70,000 and Rs 50,000, respectively. After 6 months, Y invests an additional Rs 20,000. If the total profit after a year is 58,500, what is Y's share?

Ans
✗ A. Rs 24,000
✗ B. Rs 29,000
✗ C. Rs 25,000
✓ D. Rs 27,000

Question ID : **4410092019791**
Option 1 ID : **4410097953198**
Option 2 ID : **4410097953196**
Option 3 ID : **4410097953195**
Option 4 ID : **4410097953197**
Status : **Answered**
Chosen Option : **D**

Q.27 Simplify: $2^3 \times 2^2 \div 2^4$

Ans
✗ A. 4
✗ B. 1
✗ C. 8
✓ D. 2

Question ID : **4410091452334**
Option 1 ID : **4410095737730**
Option 2 ID : **4410095737728**
Option 3 ID : **4410095737731**
Option 4 ID : **4410095737729**
Status : **Answered**
Chosen Option : **D**

Q.28 If $x + y = 5$ and $\frac{1}{x} + \frac{1}{y} = \frac{20}{9}$, then the value of $x^3 + y^3$ is:

Ans
✗ A. $\frac{365}{3}$
✗ B. $\frac{356}{7}$
✗ C. $\frac{367}{7}$
✓ D. $\frac{365}{4}$

Question ID : **4410091026243**
Option 1 ID : **4410094056552**
Option 2 ID : **4410094056554**
Option 3 ID : **4410094056553**
Option 4 ID : **4410094056551**
Status : **Marked For Review**
Chosen Option : **D**

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Q.29 The ratio of two numbers is 3 : 5. If the first number is 24, what is the second number?

Ans
✗ A. 38
✗ B. 36
✓ C. 40
✗ D. 42

Question ID : **4410091452926**
Option 1 ID : **4410095740019**
Option 2 ID : **4410095740018**
Option 3 ID : **4410095740020**
Option 4 ID : **4410095740021**
Status : **Answered**
Chosen Option : **C**

Q.30 If the side (in cm) of a regular pentagon is equal to the HCF of 18 and 27, then what is the perimeter (in cm) of the pentagon?

Ans
✗ A. 27
✓ B. 45
✗ C. 36
✗ D. 54

Question ID : **441009642827**
Option 1 ID : **4410092525450**
Option 2 ID : **4410092525448**
Option 3 ID : **4410092525447**
Option 4 ID : **4410092525449**
Status : **Answered**
Chosen Option : **B**

Q.31 The following table shows the number of laptops sold by a company in different cities along with the price per laptop.

City	Laptops Sold	Price per Laptop (₹)
Delhi	120	45,000
Mumbai	150	48,000
Chennai	100	42,000
Kolkata	130	46,000

Find the total revenue (in ₹) generated from laptop sales in Chennai and Kolkata.

Ans
✗ A. 1,03,80,000
✓ B. 1,01,80,000
✗ C. 1,04,80,000
✗ D. 1,02,80,000

Question ID : **4410091988743**
Option 1 ID : **4410097832747**
Option 2 ID : **4410097832745**
Option 3 ID : **4410097832748**
Option 4 ID : **4410097832746**
Status : **Answered**
Chosen Option : **B**

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Q.32 A can do the work in 6 days, B in 8 days and C in 24 days. If all three work together and C leaves after 3 days, in how many total days will the work be completed?

Ans

✗ A. 1.5 days

✗ B. 2 days

✓ C. 3 days

✗ D. 2.5 days

Question ID : **4410091244551**
Option 1 ID : **4410094911501**
Option 2 ID : **4410094911502**
Option 3 ID : **4410094911504**
Option 4 ID : **4410094911503**
Status : **Answered**
Chosen Option : **C**

Q.33 The income of Raman is ₹68,500. He saves 22.5% of his income. If his income increases by 14% and expenditure increases by 40%, then his savings will:

Ans

✗ A. increase by ₹11,647

✓ B. decrease by ₹11,645

✗ C. decrease by ₹11,647

✗ D. increase by ₹11,642

Question ID : **441009562151**
Option 1 ID : **4410092203872**
Option 2 ID : **4410092203871**
Option 3 ID : **4410092203873**
Option 4 ID : **4410092203874**
Status : **Answered**
Chosen Option : **B**

Q.34 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 28% and 93%, shop II allows successive discounts of 41% and 13%, shop III allows successive discounts of 19% and 67% and shop IV allows successive discounts of 31%, 59% and 25% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✗ A. II

✗ B. IV

✗ C. III

✓ D. I

Question ID : **441009536885**
Option 1 ID : **4410092102938**
Option 2 ID : **4410092102939**
Option 3 ID : **4410092102937**
Option 4 ID : **4410092102936**
Status : **Answered**
Chosen Option : **D**

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Q.35 In an election between two candidates, the candidate who got 59% of valid votes won by a majority of 450 votes. Find the total valid votes.

Ans
✗ A. 2540
✓ B. 2500
✗ C. 2456
✗ D. 2350

Question ID : **4410091986232**
Option 1 ID : **4410097823096**
Option 2 ID : **4410097823093**
Option 3 ID : **4410097823095**
Option 4 ID : **4410097823094**
Status : **Answered**
Chosen Option : **B**

Q.36 Arvind bought an article for ₹x. He sold it to Biru at a loss of 20%. Biru spent ₹140 on its transportation and sold it to Minu at a profit of 46%. If Minu bought it for ₹1,752, then what is the value of x?

Ans
✗ A. 1,356
✗ B. 1,357
✗ C. 1,344
✓ D. 1,325

Question ID : **441009537816**
Option 1 ID : **4410092106663**
Option 2 ID : **4410092106662**
Option 3 ID : **4410092106661**
Option 4 ID : **4410092106660**
Status : **Answered**
Chosen Option : **D**

Q.37 If $\frac{\sec\theta+\tan\theta}{\sec\theta-\tan\theta}=5\frac{3}{13}$, then the value of $\sin\theta$ is:

Ans
✗ A. $\frac{45}{81}$
✗ B. $\frac{23}{81}$
✓ C. $\frac{55}{81}$
✗ D. $\frac{29}{81}$

Question ID : **441009602166**
Option 1 ID : **4410092363783**
Option 2 ID : **4410092363781**
Option 3 ID : **4410092363784**
Option 4 ID : **4410092363782**
Status : **Not Answered**
Chosen Option : **--**

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Q.38 What is the value of (4x + 9y), if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	5	17	x	7	y	41

Ans
✗ A. 103
✓ B. 98
✗ C. 108
✗ D. 87

Question ID : **441009623499**
Option 1 ID : **4410092448131**
Option 2 ID : **4410092448128**
Option 3 ID : **4410092448130**
Option 4 ID : **4410092448129**
Status : **Answered**
Chosen Option : **D**

Q.39 Given that $27^{0.48} = x$, $27^{0.86} = y$ and $x^z = y^{10}$, then the value of z is close to:

Ans
✗ A. 18.65
✗ B. 17.02
✗ C. 20.86
✓ D. 17.92

Question ID : **441009536557**
Option 1 ID : **4410092101627**
Option 2 ID : **4410092101625**
Option 3 ID : **4410092101626**
Option 4 ID : **4410092101624**
Status : **Answered**
Chosen Option : **D**

Q.40 Which of the following pairs of numbers is co-prime with each other?

Ans
✗ A. 63 and 91
✗ B. 24 and 51
✗ C. 96 and 111
✓ D. 101 and 77

Question ID : **441009151397**
Option 1 ID : **441009600786**
Option 2 ID : **441009600788**
Option 3 ID : **441009600787**
Option 4 ID : **441009600785**
Status : **Answered**
Chosen Option : **D**

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Q.41 The mean of a dataset is 6 more than its mode. If the median is 24, then find the mean.

Ans
- ✗ A. 24
- ✗ B. 30
- ✓ C. 26
- ✗ D. 28

Question ID : **4410093263 13**
Option 1 ID : **4410091271562**
Option 2 ID : **4410091271563**
Option 3 ID : **4410091271561**
Option 4 ID : **4410091271564**
Status : **Answered**
Chosen Option : **A**

Q.42 A solid metallic right circular cone with a radius of 7 cm and a height of 28 cm is melted and recast into the shape of a sphere. Find the radius of the sphere formed.

Ans
- ✗ A. 8 cm
- ✓ B. 7 cm
- ✗ C. 9 cm
- ✗ D. 6 cm

Question ID : **4410091511364**
Option 1 ID : **4410095969512**
Option 2 ID : **4410095969511**
Option 3 ID : **4410095969513**
Option 4 ID : **4410095969510**
Status : **Answered**
Chosen Option : **B**

Q.43 Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 16% per annum rate of interest.

Ans
- ✓ A. 308
- ✗ B. 288
- ✗ C. 408
- ✗ D. 358

Question ID : **4410098517 29**
Option 1 ID : **4410093359888**
Option 2 ID : **4410093359890**
Option 3 ID : **4410093359891**
Option 4 ID : **4410093359889**
Status : **Answered**
Chosen Option : **A**

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Q.44 Calculate the compound interest earned on ₹2,500 for 2 years at 6% per annum, compounded annually.

Ans

✗ A. ₹306

✗ B. ₹312

✓ C. ₹309

✗ D. ₹300

Question ID : **4410091983157**
Option 1 ID : **4410097811364**
Option 2 ID : **4410097811363**
Option 3 ID : **4410097811361**
Option 4 ID : **4410097811362**
Status : **Answered**
Chosen Option : **C**

Q.45 The average marks of 20 students is 60, and that of another 30 students is 80. What is the combined average marks obtained per student?

Ans

✗ A. 74

✗ B. 68

✗ C. 70

✓ D. 72

Question ID : **4410091334549**
Option 1 ID : **4410095269870**
Option 2 ID : **4410095269867**
Option 3 ID : **4410095269868**
Option 4 ID : **4410095269869**
Status : **Answered**
Chosen Option : **D**

Q.46 Kaushal travelled for 1 hour 40 minutes at the speed of 114 km/h. At what speed (in km/h) should he travel to cover the same distance in 5 hours?

Ans

✓ A. 38

✗ B. 35

✗ C. 41

✗ D. 40

Question ID : **441009545457**
Option 1 ID : **4410092137224**
Option 2 ID : **4410092137226**
Option 3 ID : **4410092137225**
Option 4 ID : **4410092137227**
Status : **Answered**
Chosen Option : **A**

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Q.47 A man can row at 8.5 km/h in still water. He finds it takes twice as long to row upstream as downstream for the same distance. Find the speed of the current.

Ans

✔ A. $2\frac{5}{6}$ km/hr

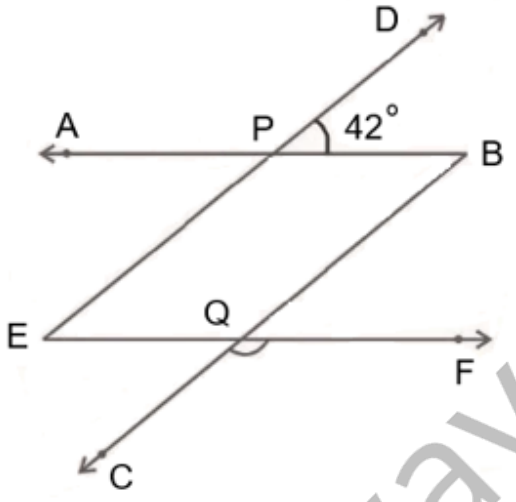
✘ B. $3\frac{5}{7}$ km/hr

✘ C. $1\frac{7}{8}$ km/hr

✘ D. $4\frac{3}{4}$ km/hr

Question ID : **4410091484259**
Option 1 ID : **4410095863940**
Option 2 ID : **4410095863938**
Option 3 ID : **4410095863937**
Option 4 ID : **4410095863939**
Status : **Answered**
Chosen Option : **B**

Q.48 In the given figure, AB∥EF, ED∥CB and ∠BPD is 42°. What is the measure of ∠CQF?



Ans

✘ A. 42°

✘ B. 142°

✔ C. 138°

✘ D. 38°

Question ID : **441009622166**
Option 1 ID : **4410092442798**
Option 2 ID : **4410092442796**
Option 3 ID : **4410092442797**
Option 4 ID : **4410092442799**
Status : **Answered**
Chosen Option : **C**

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Q.49 A sum of money earns interest at a rate of 20% per annum, compounded half-yearly. An amount of ₹4,000 is invested on 1 January and another of ₹5,500 is invested on 1 July of the same year. Find the total interest earned at the end of the year.

Ans
✗ A. ₹1,240
✗ B. ₹1,350
✓ C. ₹1,390
✗ D. ₹1,280

Question ID : **441009573529**
Option 1 ID : **4410092249238**
Option 2 ID : **4410092249237**
Option 3 ID : **4410092249236**
Option 4 ID : **4410092249239**
Status : **Answered**
Chosen Option : **C**

Q.50 Find the value of $\frac{\sqrt{1+\sin 4\theta}}{\sqrt{1-\sin 4\theta}}$.

Ans
✗ A. $\tan 4\theta + \cot 4\theta$
✗ B. $-\sec 4\theta + \tan 4\theta$
✓ C. $\sec 4\theta + \tan 4\theta$
✗ D. $\sec 4\theta - \tan 4\theta$

Question ID : **441009592402**
Option 1 ID : **4410092324728**
Option 2 ID : **4410092324726**
Option 3 ID : **4410092324727**
Option 4 ID : **4410092324725**
Status : **Not Answered**
Chosen Option : **--**

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Section : **General Intelligence and Reasoning**

Q.51 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 6 5 2 9 4 4 5 7 7 6 3 2 1 8 8 3 8 7 3 6 3 3 5 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an even digit?

Ans
✓ A. Two
✗ B. None
✗ C. Three
✗ D. One

Question ID : **4410091028540**
Option 1 ID : **4410094065820**
Option 2 ID : **4410094065818**
Option 3 ID : **4410094065821**
Option 4 ID : **4410094065819**
Status : **Answered**
Chosen Option : **A**

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Q.52 NZ 15 is related to PY 4 in a certain way. In the same way, EL 8 is related to GK -3. To which of the following is OQ 18 related, following the same logic?

Ans
- ✔ A. QP 7
- ✘ B. PU 8
- ✘ C. GT 4
- ✘ D. GR 6

Question ID : **441009788511**
Option 1 ID : **4410093108044**
Option 2 ID : **4410093108043**
Option 3 ID : **4410093108045**
Option 4 ID : **4410093108046**
Status : **Answered**
Chosen Option : **A**

Q.53 This question is based on the following words:
NAP KIT GUN DRY
If in each of the words, each letter is changed to the immediate letter following it in the English alphabetical order, how many letter-clusters thus formed will have no vowel?

Ans
- ✘ A. Two
- ✘ B. Four
- ✔ C. None
- ✘ D. Three

Question ID : **441009768681**
Option 1 ID : **4410093028718**
Option 2 ID : **4410093028720**
Option 3 ID : **4410093028717**
Option 4 ID : **4410093028719**
Status : **Answered**
Chosen Option : **C**

Q.54 Rakesh ranked 56^{th} from the top and 12^{th} from the bottom in his class. How many students are there in his class?

Ans
- ✘ A. 65
- ✘ B. 66
- ✔ C. 67
- ✘ D. 68

Question ID : **4410091399850**
Option 1 ID : **4410095529086**
Option 2 ID : **4410095529084**
Option 3 ID : **4410095529083**
Option 4 ID : **4410095529085**
Status : **Answered**
Chosen Option : **B**

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Q.55 What should come in place of the question mark (?) in the given series?

53 56 62 71 83 98 ?

Ans
✔ A. 116
✘ B. 113
✘ C. 121
✘ D. 124

Question ID : **4410091983860**
Option 1 ID : **4410097814006**
Option 2 ID : **4410097814008**
Option 3 ID : **4410097814005**
Option 4 ID : **4410097814007**
Status : **Answered**
Chosen Option : **A**

Q.56 Each letter in the word VOTABLE is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fifth from the left and the one which is first from the right in the new letter cluster thus formed?

Ans
✔ A. 6
✘ B. 4
✘ C. 8
✘ D. 5

Question ID : **441009761030**
Option 1 ID : **4410092998115**
Option 2 ID : **4410092998114**
Option 3 ID : **4410092998116**
Option 4 ID : **4410092998113**
Status : **Answered**
Chosen Option : **B**

Q.57 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KNU : HPX
GPP : DRS

Ans
✔ A. KJE : HLH
✘ B. YVQ : VWT
✘ C. FNH : CPJ
✘ D. QLJ : NNL

Question ID : **4410091598307**
Option 1 ID : **4410096313167**
Option 2 ID : **4410096313169**
Option 3 ID : **4410096313170**
Option 4 ID : **4410096313168**
Status : **Answered**
Chosen Option : **A**

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Q.58 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
76 - 456 - 423 ;
85 - 510 - 477

Ans
✔ A. 93 - 558 - 525
✘ B. 55 - 360 - 330
✘ C. 71 - 426 - 383
✘ D. 68 - 408 - 373

Question ID : **4410091989796**
Option 1 ID : **4410097836933**
Option 2 ID : **4410097836936**
Option 3 ID : **4410097836934**
Option 4 ID : **4410097836935**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.59 What should come in place of ? in the given series based on the English alphabetical order?

OUF LSE IQD ? CMB

Ans
✘ A. KJU
✘ B. FTR
✘ C. GTF
✔ D. FOC

Question ID : **4410091467777**
Option 1 ID : **4410095798904**
Option 2 ID : **4410095798905**
Option 3 ID : **4410095798906**
Option 4 ID : **4410095798903**
Status : **Answered**
Chosen Option : **D**

Q.60 Town L is to the west of Town P. Town N is to the north of Town P. Town S is to the west of Town N. Town M is to the south of Town S. Town L is to the north–west of Town M. What is the position of Town S with respect to Town L?

Ans
✘ A. North–west
✘ B. South–west
✔ C. North–east
✘ D. South–east

Question ID : **4410091305848**
Option 1 ID : **4410095155478**
Option 2 ID : **4410095155480**
Option 3 ID : **4410095155477**
Option 4 ID : **4410095155479**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.61 JJ 8 is related to LF -1 in a certain way. In the same way, UP 5 is related to WL -4. To which of the following is QQ 12 related, following the same logic?

Ans
✗ A. HJ 4
✓ B. SM 3
✗ C. WR 1
✗ D. FR 2

Question ID : **441009788512**
Option 1 ID : **4410093108048**
Option 2 ID : **4410093108047**
Option 3 ID : **4410093108050**
Option 4 ID : **4410093108049**
Status : **Answered**
Chosen Option : **B**

Q.62 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All flowers are plants.
Some plants are trees.

Conclusions:
(I) Some trees are flowers.
(II) All flowers are trees.

Ans
✓ A. Neither conclusion (I) nor (II) follows
✗ B. Only conclusion (II) follows
✗ C. Both conclusions (I) and (II) follow
✗ D. Only conclusion (I) follows

Question ID : **441009798070**
Option 1 ID : **4410093146281**
Option 2 ID : **4410093146280**
Option 3 ID : **4410093146282**
Option 4 ID : **4410093146279**
Status : **Answered**
Chosen Option : **A**

Q.63 In a certain code language,
'A × B' means 'A is the son of B',
'A – B' means 'A is the brother of B',
'A + B' means 'A is the wife of B',
'A % B' means 'A is the father of B'.

How is M related to T if 'M – N % P + S × T'?

Ans
✗ A. Son's wife's father
✓ B. Son's wife's father's brother
✗ C. Son's wife's brother
✗ D. Son's wife's father's father

Question ID : **441009728704**
Option 1 ID : **4410092868570**
Option 2 ID : **4410092868568**
Option 3 ID : **4410092868571**
Option 4 ID : **4410092868569**
Status : **Answered**
Chosen Option : **B**

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Q.64 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All ostriches are kiwis.
No ostrich is a pigeon.

Conclusions:
(I) No kiwi is a pigeon.
(II) Some pigeons are ostriches.

Ans
✗ A. Both conclusions (I) and (II) follow
✗ B. Only conclusion (I) follows
✗ C. Only conclusion (II) follows
✓ D. Neither conclusion (I) nor (II) follows

Question ID : **4410091333693**
Option 1 ID : **4410095266415**
Option 2 ID : **4410095266413**
Option 3 ID : **4410095266414**
Option 4 ID : **4410095266412**
Status : **Answered**
Chosen Option : **D**

Q.65 All the individual letters in the word FILCHED are arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is third from the right in the new letter cluster thus formed?

Ans
✓ A. One
✗ B. Two
✗ C. Four
✗ D. Three

Question ID : **441009780479**
Option 1 ID : **4410093075922**
Option 2 ID : **4410093075921**
Option 3 ID : **4410093075920**
Option 4 ID : **4410093075919**
Status : **Answered**
Chosen Option : **A**

Q.66 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
Only one person sits between R and Q. Only five people sit between J and Z. R sits to the immediate left of Z. K sits at some place to the left of I but at some place to the right of P.
Who sits third from the left end of the row?

Ans
✗ A. I
✗ B. R
✓ C. K
✗ D. Q

Question ID : **441009784409**
Option 1 ID : **4410093091641**
Option 2 ID : **4410093091642**
Option 3 ID : **4410093091640**
Option 4 ID : **4410093091639**
Status : **Answered**
Chosen Option : **C**

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Q.67 Eight boxes, A, B, C, D, E, F, G and H, are kept one over the other, but not necessarily in the same order.
A is kept at third position from the top. Only three boxes are kept between D and A. Only F is kept between C and G. Only two boxes are kept between C and H. B is kept at one of the positions above G.
How many boxes are kept exactly between A and G?

Ans
✔ A. Two
✘ B. Four
✘ C. Three
✘ D. One

Question ID : **4410091411641**
Option 1 ID : **4410095575574**
Option 2 ID : **4410095575576**
Option 3 ID : **4410095575575**
Option 4 ID : **4410095575573**
Status : **Answered**
Chosen Option : **A**

Q.68 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

20 D 66 A 3 C 10 B 9 = ?

Ans
✔ A. 88
✘ B. 87
✘ C. 86
✘ D. 85

Question ID : **4410091298488**
Option 1 ID : **4410095126349**
Option 2 ID : **4410095126348**
Option 3 ID : **4410095126347**
Option 4 ID : **4410095126346**
Status : **Answered**
Chosen Option : **A**

Q.69 G is mother of H. H is wife of I. I is father of J. How is G related to J?

Ans
✔ A. Mother's Mother
✘ B. Father's Mother
✘ C. Mother
✘ D. Sister

Question ID : **4410091411331**
Option 1 ID : **4410095574345**
Option 2 ID : **4410095574348**
Option 3 ID : **4410095574346**
Option 4 ID : **4410095574347**
Status : **Answered**
Chosen Option : **A**

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Q.70 In a certain code language "YCMI" is coded as "174" and " PSXE" is coded as "132" .
What is the code for "LAMU" in the given language?

Ans
✗ A. 176
✓ B. 183
✗ C. 187
✗ D. 172

Question ID : **441009795804**
Option 1 ID : **4410093137215**
Option 2 ID : **4410093137216**
Option 3 ID : **4410093137217**
Option 4 ID : **4410093137218**
Status : **Answered**
Chosen Option : **C**

Q.71 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

227 C 135 A 9 B 5 D 89 = ?

Ans
✗ A. 206
✗ B. 205
✓ C. 213
✗ D. 158

Question ID : **441009555020**
Option 1 ID : **4410092175395**
Option 2 ID : **4410092175396**
Option 3 ID : **4410092175397**
Option 4 ID : **4410092175394**
Status : **Answered**
Chosen Option : **C**

Q.72 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. PSW
✗ B. ZCG
✓ C. KOR
✗ D. MPT

Question ID : **441009809706**
Option 1 ID : **4410093192948**
Option 2 ID : **4410093192949**
Option 3 ID : **4410093192947**
Option 4 ID : **4410093192950**
Status : **Answered**
Chosen Option : **C**

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Q.73 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only. All numbers are single-digit numbers.
(Left) \ ^ 8 / 1 1 % 4 % 3 \ ? / 2 / @ 7 ? @ @ $ (Right)
How many such numbers are there each of which is immediately preceded by another number and also immediately followed by a symbol?

Ans
✗ A. Two
✗ B. None
✗ C. Three
✓ D. One

Question ID : **441009794586**
Option 1 ID : **4410093132345**
Option 2 ID : **4410093132343**
Option 3 ID : **4410093132346**
Option 4 ID : **4410093132344**
Status : **Answered**
Chosen Option : **D**

Q.74 31 is related to 62 in a certain way. Following the same way, 26 is related to 52. To which of the following is 4 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✓ A. 8
✗ B. 7
✗ C. 5
✗ D. 3

Question ID : **441009530250**
Option 1 ID : **4410092076404**
Option 2 ID : **4410092076405**
Option 3 ID : **4410092076406**
Option 4 ID : **4410092076407**
Status : **Answered**
Chosen Option : **A**

Q.75 A, B, C, D, E, F and G are sitting around a circular table, facing the centre.
Only two people are seated between F and C when counted from the left of C. D is seated third to the left of E. B is seated to the immediate right of E. B is seated second to the left of F. G is an immediate neighbour of D.
How many people are seated between A and C when counted from the right of C?

Ans
✗ A. 1
✗ B. 3
✗ C. 4
✓ D. 2

Question ID : **4410091150067**
Option 1 ID : **4410094535224**
Option 2 ID : **4410094535226**
Option 3 ID : **4410094535227**
Option 4 ID : **4410094535225**
Status : **Answered**
Chosen Option : **D**

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Q.76 Raman ranked 15th from the top and 10th from the bottom in his class. What is the total number of students in his class?

Ans
✗ A. 23
✗ B. 25
✓ C. 24
✗ D. 22

Question ID : **441009724583**
Option 1 ID : **4410092852084**
Option 2 ID : **4410092852087**
Option 3 ID : **4410092852086**
Option 4 ID : **4410092852085**
Status : **Answered**
Chosen Option : **C**

Q.77 This question is based on the following words.
PET HUS DOG THY
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✗ B. Four
✗ C. Two
✓ D. Three

Question ID : **441009797087**
Option 1 ID : **4410093142350**
Option 2 ID : **4410093142347**
Option 3 ID : **4410093142349**
Option 4 ID : **4410093142348**
Status : **Answered**
Chosen Option : **D**

Q.78 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. MS - RX
✓ B. KQ - JI
✗ C. LR - QW
✗ D. IO - NT

Question ID : **441009819650**
Option 1 ID : **4410093232726**
Option 2 ID : **4410093232725**
Option 3 ID : **4410093232724**
Option 4 ID : **4410093232723**
Status : **Answered**
Chosen Option : **B**

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Q.79 If ‘P’ stands for ‘×’ , ‘Q’ stands for ‘÷’, ‘R’ stands for ‘-’ and ‘S’ stands for ‘+’ , what will come in place of the question mark ‘?’ in the following equation?
12 P 6 R (40 Q 8) P 7 = ?

Ans
✗ A. 44
✗ B. 21
✓ C. 37
✗ D. 59

Question ID : **4410091494161**
Option 1 ID : **4410095902263**
Option 2 ID : **4410095902261**
Option 3 ID : **4410095902262**
Option 4 ID : **4410095902260**
Status : **Answered**
Chosen Option : **C**

Q.80 Refer to the following letter, number, and symbol series and answer the question that follows. (All numbers are single-digit numbers only. Counting to be done from left to right only.)

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 Ω E C D (Right)

How many such numbers are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

Ans
✗ A. Two
✗ B. None
✓ C. Three
✗ D. One

Question ID : **441009792401**
Option 1 ID : **4410093123605**
Option 2 ID : **4410093123603**
Option 3 ID : **4410093123606**
Option 4 ID : **4410093123604**
Status : **Answered**
Chosen Option : **C**

Section : **General Awareness and Current Affairs**

Q.81 In the context of annual observances in India, which theme was officially declared by the Department of Science and Technology for National Science Day 2026?

Ans
✗ A. Science for Rural Development
✓ B. Women in Science: Catalyzing Viksit Bharat
✗ C. Empowering Youth through Science
✗ D. Innovating for Sustainable India

Question ID : **4410092011788**
Option 1 ID : **4410097921935**
Option 2 ID : **4410097921934**
Option 3 ID : **4410097921936**
Option 4 ID : **4410097921937**
Status : **Not Answered**
Chosen Option : **--**

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Q.82 Which of the following portals was launched by the Ministry of Women and Child Development in January 2026 to enhance ease of living for Women & Children?

Ans
- ✔ A. PANKHUDI Portal
- ✘ B. CARA Portal
- ✘ C. SAKSHAM Portal
- ✘ D. SACHET Portal

Question ID : **4410092108833**
Option 1 ID : **4410098302134**
Option 2 ID : **4410098302132**
Option 3 ID : **4410098302133**
Option 4 ID : **4410098302131**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Who moved the Insolvency and Bankruptcy Code (Amendment) Bill, 2026, for consideration and passage in the Lok Sabha on behalf of the Ministry of Corporate Affairs?

Ans
- ✘ A. Union Law Minister Arjun Ram Meghwal
- ✔ B. Minister of State for Corporate Affairs Harsh Malhotra
- ✘ C. Union Finance Minister Nirmala Sitharaman
- ✘ D. Minister of Corporate Affairs Piyush Goyal

Question ID : **4410092009310**
Option 1 ID : **4410097912512**
Option 2 ID : **4410097912511**
Option 3 ID : **4410097912510**
Option 4 ID : **4410097912513**
Status : **Answered**
Chosen Option : **D**

Q.84 Which of the following National Parks witnessed the birth of four cubs to an Indian-born female cheetah in the wild in April 2026?

Ans
- ✘ A. Sundarbans National Park
- ✘ B. Bandhavgarh National Park
- ✘ C. Kanha National Park
- ✔ D. Kuno National Park

Question ID : **4410092009196**
Option 1 ID : **4410097912057**
Option 2 ID : **4410097912055**
Option 3 ID : **4410097912054**
Option 4 ID : **4410097912056**
Status : **Answered**
Chosen Option : **B**

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Q.85 Which of the following technologies was highlighted by Headquarters Integrated Defence Staff (HQ IDS) in May 2026 for its ability to enable direct communication between the human and external devices?

Ans

✗ A. Quantum Communication Network (QCN) system

✗ B. Integrated Battlefield Sensor (IBS) system

✗ C. Satellite Navigation Interface (SNI) system

✓ D. Brain-Computer Interface (BCI) system

Question ID : **4410092008438**
Option 1 ID : **4410097909030**
Option 2 ID : **4410097909032**
Option 3 ID : **4410097909031**
Option 4 ID : **4410097909033**
Status : **Answered**
Chosen Option : **D**

Q.86 Which country had retained the top position in the ICC Men's T20I rankings with 275 rating points in May 2026 after successfully defending the T20 World Cup title?

Ans

✗ A. South Africa

✗ B. England

✗ C. Australia

✓ D. India

Question ID : **4410092008615**
Option 1 ID : **4410097909741**
Option 2 ID : **4410097909739**
Option 3 ID : **4410097909740**
Option 4 ID : **4410097909738**
Status : **Answered**
Chosen Option : **C**

Q.87 On 28 February 2026, the United States and Israel launched a series of military strikes targeting which country's nuclear and ballistic missile programme, with the stated goal of regime change?

Ans

✗ A. Iraq

✗ B. Syria

✗ C. Yemen

✓ D. Iran

Question ID : **4410092009012**
Option 1 ID : **4410097911323**
Option 2 ID : **4410097911322**
Option 3 ID : **4410097911324**
Option 4 ID : **4410097911325**
Status : **Answered**
Chosen Option : **D**

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Q.88 Which agreement was jointly announced at the Sixteenth India–European Union Summit held during the visit of the European leaders to India in January 2026, marking a significant milestone in economic relations between the two regions?

Ans

✗ A. India–European Union Unified Military Command Treaty

✓ B. India–European Union Free Trade Agreement

✗ C. India–European Union Common Currency Integration Pact

✗ D. India–European Union Multilateral Nuclear Supply Accord

Question ID : **4410092008243**
Option 1 ID : **4410097908253**
Option 2 ID : **4410097908251**
Option 3 ID : **4410097908252**
Option 4 ID : **4410097908250**
Status : **Answered**
Chosen Option : **B**

Q.89 Who won the gold medal in the Women's Category at the Para Throwball National Federation Cup 2026?

Ans

✗ A. Karnataka

✗ B. Maharashtra

✓ C. Jharkhand

✗ D. Rajasthan

Question ID : **4410091779575**
Option 1 ID : **4410097017727**
Option 2 ID : **4410097017726**
Option 3 ID : **4410097017724**
Option 4 ID : **4410097017725**
Status : **Answered**
Chosen Option : **C**

Q.90 In the context of the December 2025 breakthrough in computer-aided drug discovery, the novel open-source computational framework PathGennie primarily addresses which key limitation of traditional molecular dynamics (MD) simulations?

Ans

✓ A. Difficulty in accurately simulating rare unbinding events without introducing artificial bias forces

✗ B. Excessive memory consumption during protein structure visualization

✗ C. Incompatibility of MD simulations with quantum chemical calculations

✗ D. Inability to compute drug binding affinity under physiological pH

Question ID : **4410091672325**
Option 1 ID : **4410096599650**
Option 2 ID : **4410096599651**
Option 3 ID : **4410096599652**
Option 4 ID : **4410096599649**
Status : **Answered**
Chosen Option : **C**

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Q.91 Who among the following is the author of the book "The Star from Calcutta" published in March 2026?

Ans

✔ A. Sujata Massey

✘ B. Shashi Tharoor

✘ C. Ramachandra Guha

✘ D. Vikram Sampath

Question ID : **4410092049962**
Option 1 ID : **4410098071072**
Option 2 ID : **4410098071071**
Option 3 ID : **4410098071069**
Option 4 ID : **4410098071070**
Status : **Answered**
Chosen Option : **C**

Q.92 Who was crowned as Femina Miss India World 2026 at the grand finale in Bhubaneswar, representing Goa?

Ans

✘ A. Ananya Nair

✘ B. Riya Kumari Sharma

✔ C. Sadhvi Satish Sail

✘ D. Priya Singh

Question ID : **4410092005247**
Option 1 ID : **4410097896582**
Option 2 ID : **4410097896581**
Option 3 ID : **4410097896580**
Option 4 ID : **4410097896583**
Status : **Answered**
Chosen Option : **D**

Q.93 According to the Periodic Labour Force Survey (PLFS) for January–March 2026, how did unemployment rates change compared with the October–December 2025 quarter?

Ans

✔ A. Rural unemployment increased, while urban unemployment declined marginally.

✘ B. Rural and urban unemployment rates increased during the quarter.

✘ C. Rural and urban unemployment rates remained unchanged during the quarter.

✘ D. Rural unemployment declined, while urban unemployment increased marginally.

Question ID : **4410092084200**
Option 1 ID : **4410098204941**
Option 2 ID : **4410098204942**
Option 3 ID : **4410098204940**
Option 4 ID : **4410098204939**
Status : **Answered**
Chosen Option : **B**

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Q.94 India launched the Cell Broadcast System (CBS) in 2026 to improve disaster alerts. During a cyclone threat, which CBS feature enables authorities to instantly warn everyone in the affected area?

Ans

✗ A. Individual call routing

✓ B. Geo-targeted broadcasting

✗ C. Satellite image sharing

✗ D. Manual message forwarding

Question ID : **4410092005356**
Option 1 ID : **4410097897001**
Option 2 ID : **4410097897000**
Option 3 ID : **4410097897003**
Option 4 ID : **4410097897002**
Status : **Answered**
Chosen Option : **C**

Q.95 The Jan Vishwas (Amendment of Provisions) Bill, 2026, which received Presidential assent in April 2026, proposed to amend how many Central Acts to reduce the criminalisation of minor offences?

Ans

✓ A. 79 Central Acts

✗ B. 95 Central Acts

✗ C. 62 Central Acts

✗ D. 45 Central Acts

Question ID : **4410092009311**
Option 1 ID : **4410097912516**
Option 2 ID : **4410097912517**
Option 3 ID : **4410097912515**
Option 4 ID : **4410097912514**
Status : **Not Answered**
Chosen Option : **--**

Q.96 In its April 2026 bi-monthly policy, the RBI proposed the removal of the requirement for due diligence at the time of onboarding entities onto which platform, primarily to support MSMEs?

Ans

✓ A. The Trade Receivables Discounting System (TReDS)

✗ B. The National Automated Clearing House (NACH)

✗ C. The Sovereign Gold Bond (SGB) Scheme

✗ D. The Factoring Regulation Act (FRA) portal

Question ID : **4410092008720**
Option 1 ID : **4410097910156**
Option 2 ID : **4410097910154**
Option 3 ID : **4410097910157**
Option 4 ID : **4410097910155**
Status : **Answered**
Chosen Option : **D**

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Q.97 Which organisation had successfully completed the development trials of the Unmanned Aerial Vehicle Launched Precision Guided Missile (ULPGM)-V3 in Air-to-Ground and Air-to-Air modes near Kurnool, Andhra Pradesh, in May 2026?

Ans

✗ A. Bharat Dynamics Limited

✓ B. Defence Research and Development Organisation

✗ C. Hindustan Aeronautics Limited

✗ D. Indian Space Research Organisation

Question ID : **4410092008594**
Option 1 ID : **4410097909657**
Option 2 ID : **4410097909654**
Option 3 ID : **4410097909656**
Option 4 ID : **4410097909655**
Status : **Answered**
Chosen Option : **B**

Q.98 Which Indian swimmer made history in 2026 by becoming the youngest and fastest swimmer in his age category to cross the 29-kilometre Palk Strait between Sri Lanka and India?

Ans

✗ A. Srihari Nataraj

✗ B. Virdhawal Khade

✓ C. Ishank Singh

✗ D. Sajan Prakash

Question ID : **4410092066270**
Option 1 ID : **4410098134451**
Option 2 ID : **4410098134452**
Option 3 ID : **4410098134453**
Option 4 ID : **4410098134450**
Status : **Not Answered**
Chosen Option : **--**

Q.99 Which novel by Daniel Kraus won the 2026 Pulitzer Prize for Fiction — described as a World War I story blending allegory, magical realism, and science fiction, uniquely told in a single sentence?

Ans

✗ A. Vigil

✗ B. Audition

✓ C. Angel Down

✗ D. Whalefall

Question ID : **4410092009014**
Option 1 ID : **4410097911331**
Option 2 ID : **4410097911333**
Option 3 ID : **4410097911332**
Option 4 ID : **4410097911330**
Status : **Not Answered**
Chosen Option : **--**

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Q.10 Which country won the ICC Men's T20 Cricket World Cup 2026 in the final held at Narendra Modi Stadium, Ahmedabad?

0

Ans

✔ A. India

✘ B. New Zealand

✘ C. Australia

✘ D. England

Question ID : **4410092008286**
Option 1 ID : **4410097908425**
Option 2 ID : **4410097908422**
Option 3 ID : **4410097908423**
Option 4 ID : **4410097908424**
Status : **Answered**
Chosen Option : **B**

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	13/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Metals of medium reactivity are generally found in the form of which compounds?**

Ans

✗ A. Nitrides, fluorides, or bromides

✓ B. Oxides, sulphides, or carbonates

✗ C. Chlorides, silicates, or phosphates

✗ D. Peroxides, hydrides, or cyanides

Q.2 **A student places an object 20 cm in front of a concave mirror with a focal length of 10 cm, using the sign convention for spherical mirrors. What is the correct value and sign for the image distance?**

Ans

✗ A. -10 cm

✗ B. +20 cm

✓ C. -20 cm

✗ D. +10 cm

Q.3 **Which of the following mixtures is NOT homogeneous?**

Ans

✓ A. Oil and water

✗ B. Vinegar

✗ C. Salt water

✗ D. Air

Q.4 **A student constructs a circuit with a battery of 12 V and two resistors of 6 ohms and 4 ohms connected in series. What is the total current flowing through the circuit according to Ohm's Law?**

Ans

✓ A. 1.2 A

✗ B. 0.6 A

✗ C. 2.0 A

✗ D. 1.0 A

Q.5 **Which part of the human eye controls the amount of light entering the eye?**

Ans

✗ A. Retina

✗ B. Optic Nerve

✓ C. Iris

✗ D. Cornea

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Q.6 A student tries to balance the equation $Fe + H_2O \rightarrow Fe_3O_4 + H_2$ and writes the following step:

$Fe + H_2O_4 \rightarrow Fe_3O_4 + H_2$

Which statement best explains why this step is INCORRECT?

Ans

✗ A. It balances oxygen atoms directly

✗ B. It increases oxygen atoms correctly

✓ C. It changes the composition of water

✗ D. It maintains mass conservation law

Q.7 Consider the following statements and select the correct option.

Statement A: Addition reactions occur when two or more reactants combine to form a single product.

Statement B: Alkenes and alkynes commonly undergo addition reactions.

Ans

✗ A. Statement A is correct but B is incorrect.

✓ B. Both statements A and B are correct.

✗ C. Statement A is incorrect but B is correct.

✗ D. Both statements A and B are incorrect.

Q.8 In a comparative study, angiosperms might be more diverse than gymnosperms in various environments as:

Ans

✗ A. Gymnosperms rely on efficient water transport

✗ B. Needle-like leaves helps enhance species diversity

✗ C. Aquatic fertilisation events increases variation

✓ D. Angiosperms utilize flowers and fruits for reproduction

Q.9 If the power consumed by a bulb is 60 W and the voltage across it is 120 V, what is the resistance of the bulb?

Ans

✗ A. 0.5 Ω

✗ B. 60 Ω

✓ C. 240 Ω

✗ D. 2 Ω

Q.10 Complete the analogy.

Meristematic Tissue : Dividing capacity :: Simple Permanent Tissue : _____

Ans

✓ A. Lost ability to divide

✗ B. Active locomotion

✗ C. Rapid stimulus transmission

✗ D. Protective epidermis

Q.11 Why is the small intestine able to fit into a compact space within the human body?

Ans

✓ A. Extensive coiling

✗ B. Large diameter

✗ C. Thick walls

✗ D. Rigid lining

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Q.12 During a histological examination of a plant's leaf stalk, elongated cells with irregularly thickened corners and very little intercellular space are observed. Which simple permanent tissue is present and what is its primary function in this region?

Ans

✗ A. Chlorenchyma

✗ B. Sclerenchyma

✗ C. Parenchyma

✓ D. Collenchyma

Q.13 The work done to increase the kinetic energy of a 4 kg object from 50 J to 98 J is:

Ans

✗ A. 24.5 J

✗ B. 148 J

✓ C. 48 J

✗ D. 52 J

Q.14 A box is raised to the same height either by lifting it vertically or by pushing it up an ideal inclined plane. Which quantity is the same in both cases?

Ans

✗ A. Distance moved by the box

✓ B. Potential energy gained by the box

✗ C. Mechanical advantage of the method used

✗ D. Effort applied

Q.15 Why does the sight of or thought of delicious food make our mouths "water"?

Ans

✗ A. Taste buds start moving quickly

✓ B. Salivary glands secrete saliva

✗ C. Stomach acid increases rapidly

✗ D. Digestive enzymes are released

Q.16 A distance-time graph for an object moving at uniform speed is characterized by which of the following features?

Ans

✗ A. A straight line with a negative slope

✓ B. A straight line with a constant positive slope

✗ C. A curved line with changing slope

✗ D. A horizontal straight line

Q.17 What are the main components of nervous tissue?

Ans

✗ A. Bones

✗ B. Glands

✗ C. Muscles

✓ D. Neurons

Q.18 In a velocity–time graph, which type of line represents motion with no change in velocity?

Ans

✓ A. Horizontal straight line

✗ B. Slanted straight line

✗ C. Parabola

✗ D. Curved line

Q.19 According to Bohr's model, electrons revolve around the nucleus in:

Ans

✗ A. Random circular paths

✓ B. Fixed circular orbits

✗ C. Elliptical energy clouds

✗ D. Spiral trajectories

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Q.20 **A zoologist finds two organisms with the same order but different families.Which conclusion about their classification does this indicate?**

Ans

✔ A. They share all higher levels up to order

✘ B. They share family but not class

✘ C. They share genus but not family

✘ D. They share species but not order

Q.21 **Two isotopes of chlorine are present in nature: chlorine-35 and chlorine-37. Which statement best explains their chemical behavior?**

Ans

✘ A. They have different valencies

✘ B. They cannot bond with hydrogen

✘ C. They react differently with sodium

✔ D. They form identical compounds

Q.22 **A student notices that the image formed by a lens is virtual, upright, and larger than the object. Which lens and object position is responsible for this observation?**

Ans

✘ A. Concave lens with object at any position

✘ B. Convex lens with object at twice the focal length

✔ C. Convex lens with object between optical centre of lens and focal point

✘ D. Concave lens with object beyond twice the focal length

Q.23 **What is formed when carbon burns in oxygen?**

Ans

✔ A. Carbon dioxide with heat and light released

✘ B. Hydrogen gas with heat and light released

✘ C. Methane gas with heat and light released

✘ D. Carbon monoxide with heat and light released

Q.24 **Which acid does our stomach produce and what is its pH?**

Ans

✘ A. Acetic acid; pH 6.0-7.0

✘ B. Lactic acid; pH 3.5-4.5

✔ C. Hydrochloric acid (HCl); pH 1.5-3.5

✘ D. Citric acid; pH 6.5-7.0

Q.25 **In geotropism, what does gravity act as?**

Ans

✘ A. Biotic factor

✔ B. Directional stimulus

✘ C. Internal factor

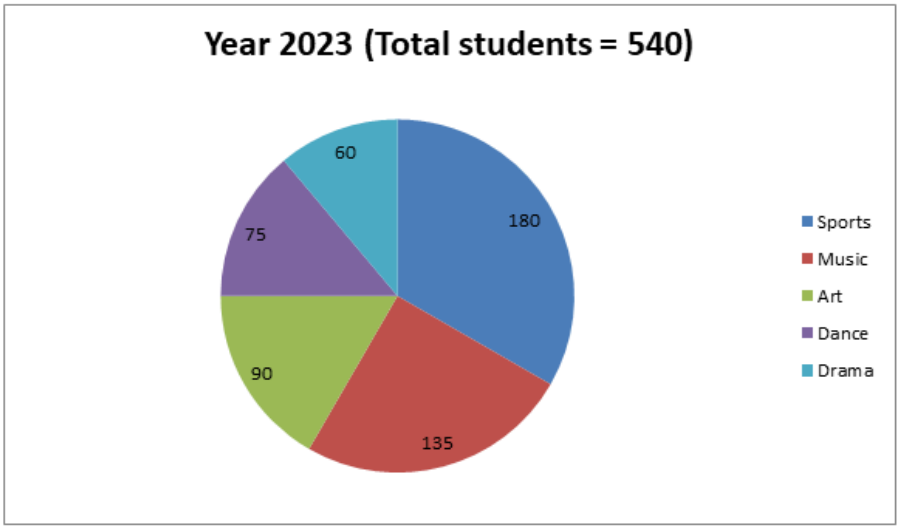
✘ D. Reversible signal

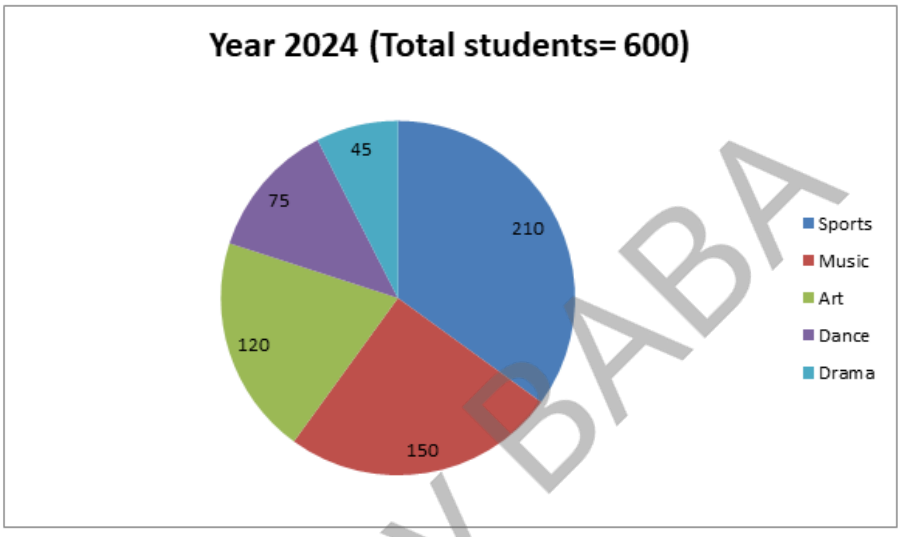
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Section : **Mathematics**

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Q.26 **A school conducted a survey of co-curricular activities opted by students in 2023 and 2024.**
The results are shown in the two pie charts below:





By what percentage did the number of students choosing Art increase from 2023 to 2024? (Approximately)

Ans
- ✗ A. 32.5%
- ✗ B. 30%
- ✓ C. 33.33%
- ✗ D. 34.67%

Q.27 A rope of length 1120 meters is divided equally among a group of trekkers. If each trekker receives $\sqrt{a}$ meters of rope and there are 80 trekkers, what is the value of a?

Ans
- ✓ A. 196
- ✗ B. 140
- ✗ C. 112
- ✗ D. 224

Q.28 **The sum of three numbers is 455. The ratio of the first number to the second number is 2:3, and the ratio of the second number to the third number is 4:5. Find the first number**

Ans
- ✗ A. 106
- ✗ B. 108
- ✗ C. 102
- ✓ D. 104

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Q.29 अंशु किसी कार्य को 16 दिनों में पूरा कर सकता है और बिजेता उसी कार्य को 24 दिनों में पूरा कर सकता है। वे 6 दिनों तक एक साथ कार्य करते हैं, जिसके बाद अंशु कार्य छोड़कर चला जाता है। बिजेता शेष कार्य को कितने दिनों में पूरा करेगा?

Ans
- ✗ A. 8
- ✗ B. 7
- ✓ C. 9
- ✗ D. 6

Q.30 A regular hexagon is inscribed within a circle. If the area of the hexagon is $144\sqrt{3}$ square units, determine the ratio of the circumference of the circle to the perimeter of the hexagon.

Ans
- ✗ A. $\pi:2$
- ✗ B. $3:\pi$
- ✓ C. $\pi:3$
- ✗ D. $2:\pi$

Q.31 अक्षत और शिवम एक साथ बिंदु P से बिंदु Q, जो एक-दूसरे से 300 km दूर स्थित हैं, की ओर चलना शुरू करते हैं। अक्षत 70 km/h की चाल से यात्रा करता है, जबकि शिवम 50 km/h की चाल से यात्रा करता है। बिंदु Q पर पहुँचने के बाद, अक्षत तुरंत बिंदु P की ओर वापस मुड़ जाता है और अंततः रास्ते में शिवम से मिलता है। बिंदु Q से कितनी दूरी पर वे मिलते हैं?

Ans
- ✗ A. 51 km
- ✗ B. 49 km
- ✗ C. 48 km
- ✓ D. 50 km

Q.32 What is the value of $(x + 2)^2 - (x - 2)^2$ when $x = 1$?

Ans
- ✓ A. 8
- ✗ B. 16
- ✗ C. 4
- ✗ D. 12

Q.33 Arjun travelled from place A to place B by car at a speed of 48 km/hr and returned back to place A at a speed of 60 km/hr. He then again went to place B at a speed of 72 km/hr. Find the average speed of the car for the whole journey (rounded off to two decimal places).

Ans
- ✓ A. 58.38 km/hr
- ✗ B. 50.53 km/hr
- ✗ C. 54.86 km/hr
- ✗ D. 48.31 km/hr

Q.34 In an examination the weights assigned to the scores in Mathematics and Science are 2 and 3, respectively. A student scores 50 in Mathematics and 70 in Science. What is his weighted average score in the examination?

Ans
- ✗ A. 64
- ✗ B. 58
- ✓ C. 62
- ✗ D. 60

Q.35 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 60% and that of the TV decreases by 11%, then what is the percentage change in the total cost of 6 washing machines and 2 TVs?

Ans
- ✗ A. Increase by 26%
- ✓ B. Increase by 31.6%
- ✗ C. Decrease by 33%
- ✗ D. Decrease by 29%

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Q.36 The ratio of men to women in a hall is 5 : 3. If 24 more women join and 12 men leave, the ratio becomes 3 : 2. Find the number of men originally present.

Ans

✗ A. 440

✗ B. 360

✗ C. 520

✓ D. 480

Q.37 In a digital design company, there are only graphic designers and content writers. The average monthly salary of the graphic designers is ₹520, while those of the content writers is ₹420. If the average monthly salary of all employees is ₹500, then what percentage of the company's employees are graphic designers, and are content writers, respectively?

Ans

✗ A. 20% and 80%

✓ B. 80% and 20%

✗ C. 30% and 70%

✗ D. 70% and 30%

Q.38 If 8 painters can paint 18 rooms in 9 days, then how many rooms can 4 painters paint in 12 days?

Ans

✓ A. 12 rooms

✗ B. 16 rooms

✗ C. 18 rooms

✗ D. 14 rooms

Q.39 During a craft activity, a student creates a paper model in the shape of a right circular cone. The cone has a volume of 100π cm^3 and a height of 12 cm. Find the curved surface area (in cm^2) of the cone. Give your answer in terms of π.

Ans

✗ A. 90π

✗ B. 25π

✓ C. 65π

✗ D. 60π

Q.40 If the mean of the following data is 42, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	44	29	39	10	x

Ans

✓ A. 148

✗ B. 172

✗ C. 175

✗ D. 169

Q.41 If $\sin\theta + \cos\theta = \frac{7}{17}$, then find the positive value of $\sin\theta - \cos\theta$.

Ans

✓ A. $\frac{23}{17}$

✗ B. $\frac{27}{17}$

✗ C. $\frac{21}{17}$

✗ D. $\frac{25}{17}$

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Q.42 Find the volume of a cone, whose slant height is 25 cm and curved surface area is 942 cm^2 (rounded off to two places of decimal, use $\pi = 3.14$, and $\sqrt{481} = 21.93$).

Ans
- ✗ A. 2156.33 cm^3
- ✗ B. 2789.95 cm^3
- ✗ C. 2438.56 cm^3
- ✓ D. 3305.29 cm^3

Q.43 यदि ₹550 की राशि 3.5 वर्षों के लिए 12% वार्षिक ब्याज दर पर उधार ली जाती है, तो साधारण ब्याज (₹ में) ज्ञात कीजिए।

Ans
- ✗ A. 211
- ✗ B. 281
- ✓ C. 231
- ✗ D. 331

Q.44 महेश एक निश्चित राशि 20% वार्षिक ब्याज दर पर जमा करता है, जबकि ब्याज वार्षिक रूप से संयोजित होता है। 2 वर्ष के अंत में, महेश को कुल ₹26,316 मिश्रधन के रूप में प्राप्त होता है। महेश द्वारा जमा की गई राशि कितनी थी?

Ans
- ✗ A. ₹17,872
- ✗ B. ₹18,539
- ✗ C. ₹18,607
- ✓ D. ₹18,275

Q.45 एक संख्या में पहले 45% की वृद्धि की जाती है, फिर 20% की कमी की जाती है, फिर 10% की वृद्धि की जाती है, और फिर 25% की कमी की जाती है। संख्या में समग्र वृद्धि/कमी प्रतिशत ज्ञात कीजिए।

Ans
- ✗ A. 5.2% की वृद्धि
- ✗ B. 4.1% की कमी
- ✗ C. 4.3% की वृद्धि
- ✓ D. 4.3% की कमी

Q.46 एक शहर की जनसंख्या में पहले वर्ष में 15% की वृद्धि और दूसरे वर्ष में 20% की वृद्धि होती है। यदि मूल जनसंख्या 50,000 थी, तो 2 वर्ष बाद जनसंख्या ज्ञात कीजिए।

Ans
- ✗ A. 68,800
- ✗ B. 69,900
- ✗ C. 68,000
- ✓ D. 69,000

Q.47 यदि $\sin\theta + \cos\theta = \sqrt{2}$ है, तो $\tan\theta + \cot\theta$ का मान ज्ञात कीजिए।

Ans
- ✓ A. 2
- ✗ B. 5
- ✗ C. 4
- ✗ D. 1

Q.48 A manufacturer fixes his selling price at 25% over the cost of production. If the cost of production goes up by 50%, and the manufacturer raises his selling price by 68%, find the profit percentage.

Ans
- ✗ A. 39%
- ✓ B. 40%
- ✗ C. 41%
- ✗ D. 45%

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Q.49 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 87% and 66%, shop II allows successive discounts of 56% and 30%, shop III allows successive discounts of 23% and 69% and shop IV allows successive discounts of 97%, 45%, and 27% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. I
- ✗ B. II
- ✗ C. III
- ✓ D. IV

Q.50 यदि $106^{0.02} = x$, $106^{0.59} = y$ और $x^z = y^9$ दिया गया है, तो z का मान ज्ञात कीजिए।

Ans
- ✓ A. 265.5
- ✗ B. 266.5
- ✗ C. 263.5
- ✗ D. 264.5

Section : **General Intelligence and Reasoning**

Q.51 अंग्रेजी वर्णमाला क्रम के आधार पर, दी गई श्रृंखला में प्रश्न-चिह्न (?) के स्थान पर क्या आना चाहिए?

PGD MFF JEH GDJ ?

Ans
- ✗ A. BGT
- ✗ B. LKJ
- ✗ C. FGR
- ✓ D. DCL

Q.52 निम्नलिखित में से किस अक्षर-समूह द्वारा # और % को प्रतिस्थापित किया जाना चाहिए ताकि :: के बाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किया गया पैटर्न और संबंध, :: के दाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किए गए पैटर्न और संबंध के समान हो?

SBM : # :: % : GOD

Ans
- ✓ A. # = RAL, % = HPE
- ✗ B. # = SAL, % = HPE
- ✗ C. # = SBN, % = HPE
- ✗ D. # = RAL, % = HPD

Q.53 Each of the digits in the number 5698321 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 12
- ✗ B. 11
- ✗ C. 9
- ✓ D. 10

Q.54 यह प्रश्न निम्नलिखित शब्दों पर आधारित है।
VAN POS CUT DIE
प्रत्येक शब्द में, प्रत्येक स्वर को अंग्रेजी वर्णमाला क्रम में उसके ठीक बाद वाले अक्षर से प्रतिस्थापित कर दिया जाता है और प्रत्येक व्यंजन को अंग्रेजी वर्णमाला क्रम में उसके ठीक पहले वाले अक्षर से प्रतिस्थापित कर दिया जाता है। इस प्रकार निर्मित कितने अक्षर-समूहों में, कोई स्वर नहीं आएगा?

Ans
- ✗ A. चार
- ✗ B. तीन
- ✓ C. दो
- ✗ D. एक

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Q.55 Refer to the given letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) + F M A @ M S < Z = V P & M = A % T @ # ? Ω F J > P = (Right)

How many such letters are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

Ans
✗ A. Five
✓ B. Four
✗ C. Two
✗ D. Three

Q.56 अंग्रेजी वर्णमाला क्रम के आधार पर, निम्नलिखित चार अक्षर-समूहों में से तीन किसी निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा अक्षर-समूह, उस ग्रुप से संबंधित नहीं है?
(नोट: असंगत अक्षर-समूह, व्यंजनों/स्वरों की संख्या या उनकी स्थिति पर आधारित नहीं है।)

Ans
✓ A. VUW
✗ B. AYB
✗ C. WUX
✗ D. LJM

Q.57 उस युग्म का चयन कीजिए, जो नीचे दिए गए दो युग्मों द्वारा अनुसरण किए गए पैटर्न के समान पैटर्न का अनुसरण करता है। दोनों युग्म समान पैटर्न का अनुसरण करते हैं।

ZQB : CSC
OIF : RKG

Ans
✗ A. NDS : RHV
✗ B. LCX : NEA
✗ C. SBU : VFT
✓ D. TCR : WES

Q.58 एक प्रश्न के बाद दो कथन दिए गए हैं, जिन्हें (I) और (II) से क्रमांकित किया गया है। आपको यह तय करना है कि कथनों में दी गई जानकारी प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। दोनों कथनों को पढ़ें और उपयुक्त उत्तर का चयन करें।

प्रश्न: M, N, O, P और Q - में से प्रत्येक ने अलग-अलग अंक प्राप्त किए। सबसे अधिक अंक किसने प्राप्त किए?
कथन:
(I) N ने M और O से अधिक अंक प्राप्त किए। M ने P और Q से अधिक अंक प्राप्त किए।
(II) P ने O से अधिक अंक प्राप्त किए। Q ने M से कम अंक प्राप्त किए।

Ans
✗ A. कथन I और II दोनों एक साथ (न तो अकेले कथन I और न ही अकेले कथन II) प्रश्न का उत्तर देने के लिए पर्याप्त हैं।
✗ B. कथन II में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन I में दिया गया डेटा पर्याप्त नहीं है।
✓ C. कथन I में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन II में दिया गया डेटा पर्याप्त नहीं है।
✗ D. कथन I और II दोनों एक साथ प्रश्न का उत्तर देने के लिए पर्याप्त नहीं हैं।

Q.59 एक निश्चित कूट भाषा में,
A + B का अर्थ है कि 'A, B की पुत्री है',
A – B का अर्थ है कि 'A, B की पत्नी है',
A × B का अर्थ कि 'A, B का पुत्र है', और
A ÷ B का अर्थ है कि 'A, B का पति है'।

यदि 'P + Q – R × S – T' है, तो P का T से क्या संबंध है?

Ans
✗ A. पुत्री
✓ B. पुत्र की पुत्री
✗ C. पुत्री की पुत्री
✗ D. बहन

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Q.60 A, B, C, D, P, Q और R में से प्रत्येक व्यक्ति की परीक्षा सोमवार से प्रारंभ होकर रविवार को समाप्त होने वाले एक ही सप्ताह के अलग-अलग दिन है।
C की परीक्षा शुक्रवार को है। D और C के बीच केवल दो व्यक्तियों की परीक्षा है। R और D के बीच केवल चार व्यक्तियों की परीक्षा है। B की परीक्षा Q के ठीक बाद है। P की परीक्षा सोमवार को नहीं है।
P से पहले और A के बाद कितने व्यक्तियों की परीक्षा है?

Ans
✗ A. तीन
✗ B. एक
✓ C. चार
✗ D. दो

Q.61 Each of the digits in the number 52369841 is arranged in descending order from left to right. Which of the following digits will be fifth from the right in the new number thus formed?

Ans
✓ A. 5
✗ B. 8
✗ C. 4
✗ D. 6

Q.62 अंग्रेजी वर्णमाला क्रम के आधार पर, निम्नलिखित चार अक्षर-समूह युग्मों में से तीन अक्षर-समूह युग्म किसी निश्चित तरीके से एकसमान हैं और इस प्रकार एक ग्रुप बनाते हैं। कौन-सा अक्षर-समूह युग्म, उस ग्रुप से संबंधित नहीं है?
(नोट: असंगत अक्षर-समूह युग्म, व्यंजनों/स्वरों की संख्या या उनकी स्थिति पर आधारित नहीं है)

Ans
✗ A. RV - PT
✓ B. LO - IL
✗ C. PT - NR
✗ D. BF - ZD

Q.63 नीचे एक प्रश्न और उसके बाद (I) और (II) से क्रमांकित दो कथन गए हैं। आपको तय करना है कि कथनों में दिया गया डेटा प्रश्न का उत्तर देने के लिए पर्याप्त हैं या नहीं। दोनों कथनों को पढ़िए और उचित उत्तर का चयन कीजिए।

Q. 5 छड़ों, B, U, N, M और D में से, जिनमें से प्रत्येक की लंबाई भिन्न है, कौन-सी छड़ सबसे छोटी है?
(I) D केवल दो छड़ों से लंबी है। M, D से लंबी है लेकिन N से छोटी है।
(II) B, U से लंबी है।

Ans
✗ A. कथन I में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन II में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है
✗ B. कथन I और II दोनों मिलकर प्रश्न का उत्तर देने के लिए पर्याप्त नहीं हैं
✗ C. कथन II में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है, जबकि कथन I में दिया गया डेटा अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है
✓ D. कथन I और II दोनों मिलकर (और न अकेले कथन I या अकेले कथन II) प्रश्न का उत्तर देने के लिए पर्याप्त हैं

Q.64 नीचे संख्याओं के दो समुच्चय दिए गए हैं। संख्याओं के प्रत्येक समुच्चय में, पहली संख्या पर निश्चित गणितीय संक्रिया(ओं) के परिणामस्वरूप दूसरी संख्या प्राप्त होती है। इसी प्रकार, दूसरी संख्या पर निश्चित गणितीय संक्रिया(ओं) के परिणामस्वरूप तीसरी संख्या प्राप्त होती है और यह क्रम इसी प्रकार आगे भी जारी रहता है। दिए गए विकल्पों में से कौन-सा विकल्प प्रश्न के समुच्चयों में अपनाई गई संक्रियाओं के समान समुच्चय का अनुसरण करता है?

(नोट: गणितीय संक्रियाएं, संख्याओं को उनके घटक अंकों में तोड़े बिना, पूर्ण संख्याओं पर की जानी चाहिए। उदाहरण के लिए 13 को लीजिए - 13 पर गणितीय संक्रियाएं जैसे कि 13 को जोड़ना/घटाना/गुणा करना, आदि किया जा सकता है। 13 को 1 और 3 में तोड़ना और फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

17 - 34 - 68 - 98;
21 - 42 - 84 - 114

Ans
✗ A. 27 - 54 - 72 - 92
✓ B. 23 - 46 - 92 -122
✗ C. 32 - 64 - 128 - 138
✗ D. 24 - 48 - 52 - 62

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Q.65 Each vowel in the word DECOMPOSERS is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
✗ A. N
✗ B. Q
✗ C. D
✓ D. T

Q.66 निम्नलिखित संख्या श्रृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। सभी संख्याएं केवल एक-अंकीय संख्याएं हैं। गिनती केवल बाएं से दाएं की जानी है।

(बाएं) 2 5 7 2 8 8 9 3 2 5 4 4 9 8 5 6 1 2 7 3 1 7 6 (दाएं)

ऐसे कितने विषम अंक हैं, जिनमें से प्रत्येक के ठीक पहले एक विषम अंक और ठीक बाद में भी एक विषम अंक है?

Ans
✗ A. एक
✓ B. दो
✗ C. तीन
✗ D. एक भी नहीं

Q.67 सात विद्यार्थी , I, J, K, P, Q, R और Z, एक गोल मेज के परितः केंद्र की ओर अभिमुख होकर बैठे हैं। P, K के बाएं तीसरे स्थान पर बैठा है। J के बाएं से गिनने पर R और J के बीच केवल एक व्यक्ति बैठा है। Q, Z के दाएं तीसरे स्थान पर बैठा है। Q, P के ठीक दाएं पड़ोस में बैठा है। I, P का निकटतम पड़ोसी नहीं है।
R के बाएं तीसरे स्थान पर कौन बैठा है?

Ans
✗ A. P
✗ B. I
✓ C. Q
✗ D. J

Q.68 एक निश्चित कूट भाषा में,
A @ B का अर्थ है कि 'A, B की माता है'
A # B का अर्थ है कि 'A, B का भाई है'
A $ B का अर्थ है कि 'A, B की पत्नी है'
A % B का अर्थ है कि 'A, B का पिता है'।

यदि "सिड # कशिश $ तरुण % पुनीत @ आदित्य' है, तो सिड का आदित्य से क्या संबंध है?

Ans
✗ A. माता के पिता का पिता
✓ B. माता की माता का भाई
✗ C. माता के पिता का भाई
✗ D. माता की माता का पिता

Q.69 नीचे संख्याओं के दो समुच्चय दिए गए हैं। प्रत्येक संख्याओं के समुच्चय में, पहली संख्या पर एक निश्चित गणितीय संक्रिया करने पर दूसरी संख्या प्राप्त होती है। इसी प्रकार, दूसरी संख्या पर एक निश्चित गणितीय संक्रिया करने पर तीसरी संख्या प्राप्त होती है। दिए गए विकल्पों में से कौन-सा विकल्प, दिए गए समुच्चयों में प्रयुक्त संक्रियाओं के समान समुच्चय का अनुसरण करता है?
(नोट: दो/तीन अंकों की संख्या को संक्रियाओं के लिए अलग-अलग अंकों में नहीं तोड़ा जा सकता है। उदाहरण के लिए, यदि 37 के बाद 10 आता है, तो संक्रिया 3+7 नहीं हो सकती क्योंकि दो अंकों की संख्या को अलग-अलग अंकों में नहीं तोड़ा जा सकता है।)
145 - 725 - 404 ;
159 - 795 - 474

Ans
✗ A. 159 - 795 - 464
✗ B. 139 - 695 - 383
✓ C. 164 - 820 - 499
✗ D. 122 - 610 - 389

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Q.70 अंग्रेजी वर्णमाला क्रम के आधार पर, एक निश्चित तरीके से MKRO का संबंध SQXU से है। उसी तरीके से, JHOL का संबंध PNUR से है। समान तर्क का अनुसरण करते हुए, ECJG का संबंध निम्नलिखित में से किससे है?

Ans
✗ A. IKMP
✗ B. IKPM
✗ C. KIMP
✓ D. KIPM

Q.71 G, H, J, K, L and P live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. G lives on floor numbered 4. Only two people live between G and L. Only P lives between G and J. H lives immediately below G. Who lives on floor number 2?

Ans
✓ A. K
✗ B. P
✗ C. G
✗ D. L

Q.72 Seven people, P, Q, R, S, T, U, and V, are sitting in a straight line, facing the north. Only two people sit to the left of Q. S sits to the immediate right of Q. Only two people sit between S and R. R does not sit to the extreme left end of the line. P sits to the immediate left of U. Only T sits between V and R.
Who sits at the extreme right end of the line?

Ans
✗ A. T
✗ B. U
✗ C. P
✓ D. R

Q.73 एक प्रश्न के बाद (I) और (II) से क्रमांकित दो कथन दिए गए हैं। आपको यह तय करना है कि कथनों में दी गई जानकारी प्रश्न का उत्तर देने के लिए पर्याप्त है या नहीं। दोनों कथन पढ़िए और उचित उत्तर का चयन कीजिए।

प्रश्न: 5 छड़ी - U, R, N, S और T में से, प्रत्येक छड़ी की लंबाई अलग-अलग है, कौन-सी छड़ी सबसे छोटी है?
(I) T, R से छोटी है। S, U से छोटी है।
(II) S, T से लंबी है।

Ans
✗ A. कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है जबकि कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।
✗ B. संयुक्त रूप से कथन I और II दोनों (अकेले कथन I नहीं या अकेले कथन II नहीं) प्रश्न का उत्तर देने के लिए पर्याप्त है।
✗ C. कथन I में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त है जबकि कथन II में दी गई जानकारी अकेले प्रश्न का उत्तर देने के लिए पर्याप्त नहीं है।
✓ D. संयुक्त रूप से कथन 1 और 2 दोनों प्रश्न का उत्तर देने के लिए पर्याप्त नहीं हैं।

Q.74 निम्नलिखित अक्षर शृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। गिनती केवल बाएं से दाएं की जानी है।

(बाएं) U S A O S H T E D W W U X Z Z U O N A I F F (दाएं)

ऐसे कितने स्वर हैं, जिनमें से प्रत्येक के ठीक पहले एक व्यंजन है और ठीक बाद में भी एक व्यंजन है?

Ans
✓ A. 2
✗ B. 4
✗ C. 3
✗ D. 1

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Q.75 दी गई श्रृंखला में प्रश्न-चिह्न (?) के स्थान पर क्या आना चाहिए?

64 82 100 118 136 154 ?

Ans
✔ A. 172
✘ B. 174
✘ C. 168
✘ D. 170

Q.76 शब्द FLIGHTY के प्रत्येक स्वर को अंग्रेजी वर्णमाला क्रम में उसके ठीक पहले वाले अक्षर से बदल दिया जाता है और प्रत्येक व्यंजन को अंग्रेजी वर्णमाला क्रम में उसके ठीक बाद वाले अक्षर से बदल दिया जाता है। इस प्रकार बने नए अक्षर-समूह में निम्नलिखित में से कौन-सा अक्षर ठीक दो बार आएगा?

Ans
✘ A. M
✘ B. I
✔ C. H
✘ D. G

Q.77 यह प्रश्न दिए गए शब्दों पर आधारित है।

PLAN FREY BORN WANT

दाएँ से पहले शब्द के चौथे अक्षर और बाएँ से पहले शब्द के चौथे अक्षर के बीच, अंग्रेजी वर्णमाला क्रम में कितने अक्षर हैं?

Ans
✘ A. चार
✘ B. तीन
✔ C. पांच
✘ D. छह

Q.78 C, D, E, F, G, X और Y में से प्रत्येक का साक्षात्कार सोमवार से शुरू होकर उसी सप्ताह के रविवार को समाप्त होने वाले सप्ताह के अलग-अलग दिन है।
C का रविवार को साक्षात्कार है। Y और C के बीच केवल तीन व्यक्तियों का साक्षात्कार है। E और X के बीच केवल एक व्यक्ति का साक्षात्कार है। G का साक्षात्कार D से ठीक एक दिन पहले है। F का शुक्रवार को साक्षात्कार नहीं है। X का साक्षात्कार Y से ठीक पहले है।
F के बाद कितने व्यक्तियों का साक्षात्कार है?

Ans
✘ A. तीन
✘ B. पाँच
✔ C. छह
✘ D. चार

Q.79 यदि '+' और '–' को आपस में बदल दिया जाए तथा '×' और '÷' को आपस में बदल दिया जाए, तो निम्नलिखित समीकरण में '?' के स्थान पर क्या आएगा?
259 ÷ 66 × 462 – 483 + 321 = ?

Ans
✘ A. 209
✘ B. 119
✘ C. 919
✔ D. 199

Q.80 एक निश्चित कूट भाषा में, 'cut the ice' को 'th vd kb' के रूप में और 'make sharp cut' को 'vd ry mu' के रूप में कूटबद्ध किया जाता है। उसी कूट भाषा में 'cut' को कैसे कूटबद्ध किया जाएगा? (सभी कूट केवल दो-अक्षरों के कूट हैं।)

Ans
✘ A. th
✘ B. kb
✘ C. ry
✔ D. vd

Section : **General Awareness and Current Affairs**

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Q.81 भारत के संविधान के किस अनुच्छेद के अंतर्गत सर्वोच्च न्यायालय ने 2026 में राष्ट्रीय राजमार्गों पर सुरक्षित यात्रा को जीवन के मौलिक अधिकार के रूप में मान्यता दी?

Ans

✗ A. अनुच्छेद 14

✗ B. अनुच्छेद 19

✗ C. अनुच्छेद 32

✓ D. अनुच्छेद 21

Q.82 मई 2026 में उपभोक्ता मामले विभाग ने ईंधन वितरण प्रणालियों (fuel dispensing system) के सत्यापन और पुनः सत्यापन के लिए सरकारी अनुमोदित परीक्षण केंद्रों (GATC) के दायरे का विस्तार करने हेतु किस नियम के अंतर्गत ढांचे में संशोधन किया?

Ans

✗ A. विधिक माप विज्ञान (पैक बंद वस्तुएं) नियम, 2011

✗ B. विधिक माप विज्ञान (राष्ट्रीय मानक) नियम, 2011

✓ C. विधिक माप विज्ञान (सरकार द्वारा अनुमोदित परीक्षण केंद्र) नियम, 2013

✗ D. विधिक माप विज्ञान (सामान्य) नियम, 2011

Q.83 The Union Budget 2026-27 introduced a new comprehensive framework to upgrade the earlier Khelo India programme. What is the name of this new multi-faceted mission?

Ans

✗ A. Target Olympic Podium Scheme (TOPS) 2.0

✗ B. National Sports Development Framework

✗ C. Bharat Sports Excellence Programme

✓ D. Khelo India Mission

Q.84 वर्तमान में 2026 में तमिलनाडु के मुख्यमंत्री के रूप में शपथ लेने वाले थिरु सी. जोसेफ विजय (Thiru C. Joseph Vijay), राजनीति में प्रवेश करने से पूर्व किस क्षेत्र में अपने करियर के लिए जाने जाते थे?

Ans

✗ A. लॉ प्रैक्टिस

✗ B. स्पोर्ट्स कोचिंग

✗ C. वैज्ञानिक शोध

✓ D. फिल्म ऐक्टिंग

Q.85 Which centre had been notified by the Ministry as a 'Nodal Centre for Para Sports' while Union Sports Minister Dr. Mansukh Mandaviya inaugurated integrated sports infrastructure facilities in May 2026?

Ans

✗ A. Netaji Subhas National Institute of Sports, Patiala

✗ B. Lakshmibai National Institute of Physical Education, Gwalior

✓ C. Sports Authority of India National Centre of Excellence (SAI NCoE), Gandhinagar

✗ D. Indira Gandhi Stadium, New Delhi

Q.86 अप्रैल 2026 में, निम्नलिखित में से किस राष्ट्रीय उद्यान में पूर्णतः खुले प्राकृतिक परिवेश में पहली बार चीते के शावकों (litter) के जन्म का रिकॉर्ड दर्ज किया गया?

Ans

✗ A. कान्हा राष्ट्रीय उद्यान

✗ B. पेंच राष्ट्रीय उद्यान

✓ C. कुनो राष्ट्रीय उद्यान

✗ D. बांधवगढ़ राष्ट्रीय उद्यान

Q.87 The Union Budget 2026, as appreciated by Prataprao Jadhav, focuses on strengthening which approach to healthcare?

Ans

✗ A. Emergency healthcare

✓ B. Holistic healthcare

✗ C. Military healthcare

✗ D. Veterinary healthcare

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Q.88 जनवरी 2026 में, इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय (MeitY) के सचिव श्री एस. कृष्णन द्वारा IIT मद्रास में किस सुपरकंप्यूटिंग सुविधा का शुभारंभ किया गया था?

Ans

✗ A. परम सिद्धि (PARAM Siddhi) सुपरकंप्यूटर

✗ B. परम युवा (PARAM Yuva) सुपरकंप्यूटर

✓ C. परम शक्ति (Param Shakti) सुपरकंप्यूटिंग फैसिलिटी

✗ D. परम गंगा (PARAM Ganga) सुपरकंप्यूटिंग फैसिलिटी

Q.89 Who was appointed as the Vice Chairperson of NITI Aayog in April 2026?

Ans

✗ A. Shri Amitabh Kant

✗ B. Dr. Rajiv Kumar

✗ C. Shri Suman Bery

✓ D. Shri Ashok Kumar Lahiri

Q.90 मई 2026 में, रेलवे सुरक्षा बल ने अपनी मानवीय पहल पर प्रकाश डाला, जिसका उद्देश्य उन गर्भवती महिलाओं की सहायता करना है जो ट्रेन यात्राओं के दौरान अप्रत्याशित रूप से प्रसव पीड़ा से गुजर रही होती हैं। यह सहायता किस ऑपरेशन के अंतर्गत प्रदान की जाती है?

Ans

✗ A. ऑपरेशन सुरक्षा

✓ B. ऑपरेशन मातृशक्ति

✗ C. ऑपरेशन जीवन रक्षा

✗ D. ऑपरेशन नन्हे फरिश्ते

Q.91 वर्ष 2026 में रिपोर्ट की गई भीषण उष्ण लहर (heatwave) की परिस्थितियों के दौरान, विश्व के 100 सबसे गर्म शहरों में से 95 शहर भारत में थे, जो बढ़ते तापमान और जलवायु-संबंधी जोखिमों के बारे में बढ़ती चिंताओं को रेखांकित करते हैं। यह मुद्दा संयुक्त राष्ट्र के किस संधारणीय विकास लक्ष्य (SDG) से सबसे अधिक प्रत्यक्ष रूप से संबंधित है?

Ans

✗ A. SDG 15

✓ B. SDG 13

✗ C. SDG 6

✗ D. SDG 11

Q.92 Under the National Anti-Doping (Amendment) Bill, 2025, which authority has been designated to enforce anti-doping regulations in India?

Ans

✓ A. National Anti-Doping Agency

✗ B. Indian Sports Council

✗ C. Counter Doping Council of India

✗ D. Sports Authority of India

Q.93 2026 में वियतनाम के दा नांग (Da Nang) में, किस चैंपियनशिप में भारतीय पहलवानों ने पुरुषों की फ्रीस्टाइल श्रेणी में दो गोल्ड, दो सिल्वर और एक ब्रॉन्ज मेडल जीता था?

Ans

✗ A. एशियाई कुश्ती चैंपियनशिप (Asian Wrestling Championships)

✗ B. कॉमनवेल्थ कुश्ती चैंपियनशिप (Commonwealth Wrestling Championships)

✗ C. विश्व अंडर-23 कुश्ती चैंपियनशिप (World Under-23 Wrestling Championships)

✓ D. एशियाई अंडर-23 कुश्ती चैंपियनशिप (Asian Under-23 Wrestling Championships)

Q.94 इंडिया फार्मा 2026 सम्मेलन कहाँ आयोजित किया गया था?

Ans

✗ A. हैदराबाद

✓ B. नई दिल्ली

✗ C.
चेन्नई

✗ D. जयपुर

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Q.95 According to the Economic Survey 2025–26 tabled in Parliament, India improved its rank in the Global Innovation Index (GII) 2025 from 66th in 2019 to which position — also making it 1st among lower-middle-income economies and 1st in Central & Southern Asia?

Ans
- ✔ A. 38th
- ✘ B. 42nd
- ✘ C. 45th
- ✘ D. 40th

Q.96 फरवरी 2026 में, DRDO ने लंबी-दूरी की मिसाइलों के लिए किस उन्नत नोदन तकनीक का सफलतापूर्वक प्रदर्शन किया?

Ans
- ✔ A. सॉलिड फ्यूल डक्टेड रैमजेट टेक्नोलॉजी (Solid Fuel Ducted Ramjet technology)
- ✘ B. क्रायोजेनिक नोदन प्रणाली (Cryogenic Propulsion System)
- ✘ C. इलेक्ट्रिक जेट नोदन प्रणाली (Electric Jet Propulsion System)
- ✘ D. न्यूक्लियर थर्मल इंजन (Nuclear Thermal Engine)

Q.97 फरवरी 2026 में किस प्रधानमंत्री ने बारबाडोस में ऐतिहासिक लगातार तीसरी बार आम चुनाव में जीत हासिल की थी, जिससे बारबाडोस लेबर पार्टी (BLP) को एक और संसदीय बहुमत प्राप्त हुआ?

Ans
- ✘ A. सैंड्रा मेसन (Sandra Mason)
- ✘ B. फ्रुंडेल स्टुअर्ट (Freundel Stuart)
- ✔ C. मिया अमोर मोटली (Mia Amor Mottley)
- ✘ D. राल्फ थॉर्न (Ralph Thorne)

Q.98 At which institution was the 3rd International Conference on Nonlinear Dynamics and Applications (ICNDA 2026) conducted?

Ans
- ✔ A. Sikkim Manipal Institute of Technology
- ✘ B. National Institute of Technology Silchar
- ✘ C. Birla Institute of Technology Mesra
- ✘ D. Indian Institute of Technology Guwahati

Q.99 Shri Kallipatti Ramasamy Palaniswamy, who received the Padma Bhushan in May 2026, was awarded in which of the following categories?

Ans
- ✘ A. Literature and Education
- ✘ B. Science and Engineering
- ✘ C. Social Work
- ✔ D. Medicine

Q.100 फरवरी 2026 में, एलीन गु (Eileen Gu) ने शीतकालीन ओलंपिक में बिग एयर स्पर्धा में रजत पदक जीता। इस उपलब्धि ने उन्हें किस खेल के इतिहास में सर्वाधिक पदक जीतने वाली महिला बना दिया?

Ans
- ✘ A. स्नोबोर्डिंग (Snowboarding)
- ✔ B. फ्रीस्टाइल स्कीइंग (Freestyle Skiing)
- ✘ C. स्की जंपिंग (Ski Jumping)
- ✘ D. अल्पाइन स्कीइंग (Alpine Skiing)

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	13/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **For a car moving with accelerated motion, the distance-time graph is:**

Ans
- ✔ A. Non-linear curve
- ✘ B. Straight line
- ✘ C. Vertical line
- ✘ D. Horizontal line

Q.2 **A student places an object at 90 cm from a concave mirror and finds the image at 45 cm in front of the mirror. What will be the distance between the pole and the principal focus of this mirror?**

Ans
- ✔ A. 30 cm
- ✘ B. 45 cm
- ✘ C. 22.5 cm
- ✘ D. 60 cm

Q.3 **Which change correctly represents oxidation in a chemical reaction?**

Ans
- ✘ A. Exchange of ions between compounds
- ✘ B. Formation of salt and water
- ✔ C. Addition of oxygen to a substance
- ✘ D. Removal of oxygen from a compound

Q.4 **A student observes that when an object is placed at 15 cm from a mirror, the image is formed at 30 cm on the same side. What is the focal length of the mirror?**

Ans
- ✔ A. -10 cm
- ✘ B. -12 cm
- ✘ C. -8 cm
- ✘ D. -5 cm

Q.5 **Which functional group is found in esters?**

Ans
- ✘ A. –COOH
- ✔ B. –COO–
- ✘ C. $–NH_2$
- ✘ D. –OH

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Q.6 The element with the symbol **K** is:

Ans

✗ A. Palladium

✓ B. Potassium

✗ C. Krypton

✗ D. Phosphorous

Q.7 During an algal bloom, dominant species are single-celled organisms with a nucleus that can photosynthesize and ingest food. Which organism is most likely responsible?

Ans

✗ A. Cyanobacteria

✗ B. Amoeba

✓ C. Euglena-like protists

✗ D. Bacteria

Q.8 Which expression correctly represents the commercial unit of electrical energy in terms of joules?

Ans

✗ A. 1 kilowatt hour = 1.6×10^6 joules

✗ B. 1 kilowatt hour = 1000 joules

✓ C. 1 kilowatt hour = 3.6×10^6 joules

✗ D. 1 kilowatt hour = 360 joules

Q.9 Complete the analogy.
Parenchyma: Large intercellular spaces:: Sclerenchyma: _____

Ans

✗ A. Thin cellulose walls

✗ B. Large air cavities

✓ C. No internal space

✗ D. Living cells

Q.10 Which of the following characteristics are true for the cells of meristematic tissue?

Ans

✗ A. Very active, prominent nuclei, light cytoplasm and thin cellolose walls

✓ B. Very active, prominent nuclei, dense cytoplasm and thin cellulose walls

✗ C. Very active, prominent nuclei, dense cytoplasm and thick cellolose walls

✗ D. Very active, prominent nuclei, light cytolplasm and thick cellolose walls

Q.11 A roller coaster car of mass 500 kg moves down a steep track, converting its potential energy into kinetic energy. At the lowest point, it is moving at 20 m/s. If the car encounters a section with friction that removes 30,000 J of energy, what is its new speed, assuming no other forces act?

Ans

✗ A. ≈20 m/s

✗ B. ≈10 m/s

✓ C. ≈18 m/s

✗ D. ≈15 m/s

Q.12 Why is the reaction flask corked during experiments verifying conservation of mass?

Ans

✗ A. To increase reaction speed

✗ B. To allow air circulation

✗ C. To cool reaction mixture

✓ D. To prevent loss of matter

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Q.13 Why are xylem and phloem described as independently organised conducting tubes in plants?

Ans

✗ A. They act as one type of tissue in all plants

✗ B. They share a single pathway for all transport needs

✗ C. They perform identical functions in tandem

✓ D. They transport different substances separately.

Q.14 What protects the stomach lining from damage by its own acid under normal conditions?

Ans

✗ A. Acid increase

✓ B. Mucus secretion

✗ C. Saliva entry

✗ D. Pepsin release

Q.15 If you lift a book and place it on a shelf, what happens to its energy?

Ans

✗ A. It loses all energy

✗ B. Its thermal energy increases

✗ C. It gains kinetic energy

✓ D. Its potential energy increases

Q.16 Why do higher homologues of alkanes produce multiple products when they react with chlorine in a substitution reaction?

Ans

✓ A. Chlorine replaces hydrogen at different position

✗ B. Chlorine is unstable in nature

✗ C. Hydrogen atoms are absent

✗ D. Alkanes are aromatic

Q.17 What happens at the anode during anodising?

Ans

✗ A. Hydrogen gas reacts with aluminium to form oxide

✗ B. Nitrogen gas reacts with aluminium to form oxide

✓ C. Oxygen gas reacts with aluminium to form oxide

✗ D. Carbon dioxide reacts with aluminium to form oxide

Q.18 In which of the following organisms are pseudopodia used for capturing the food?

Ans

✗ A. Paramecium

✗ B. Euglena

✗ C. Hydra

✓ D. Amoeba

Q.19 Which of the following organisms break down complex organic substances from dead organisms into simple inorganic substances?

Ans

✗ A. Autotrophs

✗ B. Herbivores

✗ C. Parasites

✓ D. Decomposers

Q.20 What is the primary reason stars appear to twinkle in the night sky as seen from Earth?

Ans

✗ A. Stars are closer to the Earth than planets

✗ B. The Earth rotates causing starlight to flicker

✓ C. The light from stars is refracted by varying atmospheric layers

✗ D. Stars emit light at varying intensities

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Q.21 **A technician needs to design a circuit where removing one device does not interrupt the operation of others. Which resistor arrangement should the technician choose?**

Ans

✔ A. The technician should use a parallel combination of resistors.

✘ B. The technician should use a series-parallel mixed combination of resistors.

✘ C. The technician should use a series combination of resistors.

✘ D. The technician should connect resistors in a random arrangement.

Q.22 **Two objects, P and Q, move with uniform speeds. The distance–time graph of P is steeper than that of Q. What does this indicate?**

Ans

✘ A. P is accelerating

✘ B. P has lower speed than Q

✔ C. P has greater speed than Q

✘ D. Both have equal speed

Q.23 **Which of the following is a heterogenous mixture?**

Ans

✔ A. Sand and Iron fillings

✘ B. Salt solution

✘ C. Vinegar

✘ D. Air

Q.24 **Three microbes were classified together, but DNA sequencing shows two have closer genetic material. Which classification change could this finding suggest?**

Ans

✘ A. Ignoring genetic information

✘ B. Maintaining previous grouping

✘ C. Grouping by habitat similarities

✔ D. Reassignment based on DNA similarities

Q.25 **Which gas released from bleaching powder is primarily responsible for its bleaching and disinfecting action?**

Ans

✘ A. Carbon dioxide (CO_2)

✘ B. Oxygen (O_2)

✔ C. Chlorine (Cl_2)

✘ D. Hydrogen chloride (HCl)

Section : **Mathematics**

Q.26 **What is the value of (9x + 2y), if the mean of the following distribution is 68?**

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	4	10	x	2	y	60

Ans

✘ A. 138

✘ B. 156

✔ C. 151

✘ D. 137

Q.27 **The mean proportional between two numbers is 42. If one of the numbers is 31, find the other number. (Round to the nearest whole number).**

Ans

✘ A. 55

✔ B. 57

✘ C. 56

✘ D. 58

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Q.28 Three numbers are in the ratio 4 : 5 : 6 and their HCF is 13. Find their LCM.

Ans
- ✗ A. 686
- ✓ B. 780
- ✗ C. 1080
- ✗ D. 960

Q.29 Kaushal travelled for 14 hours 28 minutes at the speed of 90 km/h. At what speed (in km/h) should he travel to cover the same distance in 7 hours?

Ans
- ✗ A. 185
- ✗ B. 187
- ✓ C. 186
- ✗ D. 184

Q.30 What is the compound interest on ₹1,500 at 12% per annum (compounded annually) for 3 years? (Rounded off to the nearest integer)

Ans
- ✗ A. ₹610
- ✗ B. ₹612
- ✓ C. ₹607
- ✗ D. ₹605

Q.31 Simplify: $\left(\frac{\tan A + \sec A - 1}{\tan A - \sec A + 1}\right)$

Ans
- ✓ A. tan A + sec A
- ✗ B. tan A + cosec A
- ✗ C. tan A − sec A
- ✗ D. tan A − cosec A

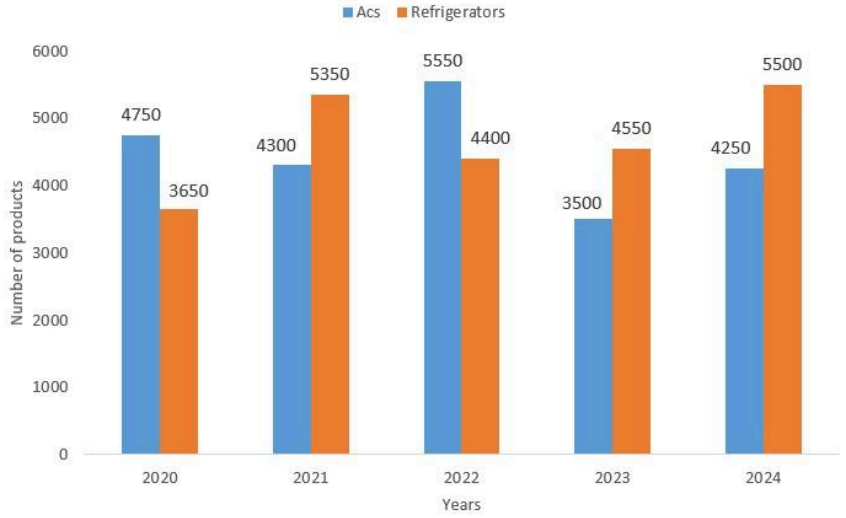
Q.32 A manufacturer fixes his selling price at 72% above the cost of production. If the cost of production increases by 50% and the manufacturer raises his selling price by 50%, find the new profit percentage.

Ans
- ✗ A. 69%
- ✗ B. 71%
- ✗ C. 75%
- ✓ D. 72%

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Q.33 **Study the following bar diagram carefully and answer the following question.**
The bar graph shows the production of electronic items (ACs and Refrigerators) in a factory during the period from 2020 to 2024.



The difference between averages of production of Refrigerators and ACs from 2021 to 2024 is:

Ans
- ✔ A. 550
- ✘ B. 220
- ✘ C. 330
- ✘ D. 440

Q.34 **A room is 10 meters long, 8 meters broad, and 6 meters high. The length of the longest bamboo pole that can be placed in it is (approximately):**

Ans
- ✘ A. 12.46 meters
- ✔ B. 14.14 meters
- ✘ C. 16.16 meters
- ✘ D. 10.12 meters

Q.35 **A bank offers 9.2% compound interest per annum, calculated on a half-yearly basis. A customer deposits ₹5449 each on 1 January and 1 July of a particular year. At the end of the year, the amount he would have gained by way of interest is _____.**
(Round off the answer to the nearest paise.)

Ans
- ✘ A. ₹755.50
- ✘ B. ₹749.52
- ✔ C. ₹763.49
- ✘ D. ₹759.40

Q.36 **Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 30 hours and pipe C can fill the same tank in 20 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:**

Ans
- ✘ A. 2
- ✘ B. 4
- ✘ C. 3
- ✔ D. 1

Q.37 **A 200-meter long train running at 72 km/hr crosses another 250-meter long train running in the opposite direction in 9 seconds. How long will the second train take to cross a 350-meter long platform?**

Ans
- ✔ A. 20 seconds
- ✘ B. 19 seconds
- ✘ C. 18 seconds
- ✘ D. 15 seconds

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Q.38 Find the area of the sector of a circle of radius 9 cm, if the corresponding arc length is 6.3 cm.

Ans

✗ A. 27.95 cm^2

✗ B. 29.15 cm^2

✓ C. 28.35 cm^2

✗ D. 30.05 cm^2

Q.39 Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 20% per annum rate of interest.

Ans

✗ A. 435

✗ B. 365

✗ C. 485

✓ D. 385

Q.40 The HCF of two numbers is 18 and their LCM is 540. If one number is 90, find the other number.

Ans

✗ A. 96

✗ B. 120

✓ C. 108

✗ D. 54

Q.41 The profit of a company is increased from ₹11,10,000 to ₹13,10,000 in one year. Calculate the percentage increase in the profit of the company (rounded off to two decimal places).

Ans

✗ A. 18.47%

✗ B. 18.12%

✓ C. 18.02%

✗ D. 18.26%

Q.42 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 68% and 24%, shop II allows successive discounts of 37% and 55%, shop III allows successive discounts of 89% and 10% and shop IV allows successive discounts of 41%, 90% and 48% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✓ A. IV

✗ B. I

✗ C. III

✗ D. II

Q.43 If the ratio of two numbers is 4 : 7 and their sum is 33, what is the smaller number?

Ans

✗ A. 16

✗ B. 24

✓ C. 12

✗ D. 20

Q.44 A shopkeeper mixes two varieties of rice costing ₹40 per kg and ₹60 per kg to get a mixture worth ₹50 per kg. In what ratio did he mix the two varieties of rice?

Ans

✓ A. 1:1

✗ B. 2:1

✗ C. 3:2

✗ D. 1:2

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Q.45 7 years ago, Saumya was twice as old as Isha. Five years from now, the sum of their ages will be 66. Find the present age of Isha.

Ans

✔ A. 21 years

✘ B. 28 years

✘ C. 20 years

✘ D. 25 years

Q.46 What is the value that must be assigned to A so that the 8-digit number 541A4888 is divisible by 9?

Ans

✘ A. 1

✘ B. 9

✘ C. 2

✔ D. 7

Q.47 If $3\cos^2\theta + 7\sin^2\theta = 6$, then find the value of $\sec\theta$, given that θ is an acute angle.

Ans

✘ A. 1

✘ B. 3

✘ C. 0

✔ D. 2

Q.48 A building has 8 cylindrical pillars, each with a radius of 3 m and a height of 14 m. The curved surface of each pillar is to be painted at a cost of ₹25 per square metre. Find the total cost of painting all 8 pillars. (Use $\pi = 22/7$)

Ans

✘ A. ₹47,142

✘ B. ₹41,485

✘ C. ₹60,600

✔ D. ₹52,800

Q.49 Heights (in cm) of 50 children are shown in the table below. Find the mode (in cm) of the data.

Height	50-60	60-70	70-80	80-90
Number of children	12	20	8	10

Ans

✔ A. 64

✘ B. 58.5

✘ C. 67.5

✘ D. 60

Q.50 The cost of a washing machine is 40% less than the cost of a TV. If the cost of the washing machine increases by 80% and that of the TV decreases by 22%, then what is the percentage change in the total cost of 7 washing machines and 6 TVs?

Ans

✘ A. Decrease by 15%

✔ B. Increase by 20%

✘ C. Decrease by 18%

✘ D. Increase by 24%

Section : **General Intelligence and Reasoning**

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Q.51 This question is based on the given words.

KIT BUY HEN TEN

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letter-clusters thus formed will have at least two vowels?

Ans
- ✗ A. Two
- ✗ B. One
- ✗ C. Three
- ✓ D. None

Q.52 9 is related to 32 following a certain logic. Following the same logic, 18 is related to 59. To which of the following is 12 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 44
- ✗ B. 53
- ✓ C. 41
- ✗ D. 26

Q.53 In a certain code language, "JUMOC" is coded as "15" and "QYATXZR" is coded as "21". What is the code for "VTGZXAIW" in that language?

Ans
- ✗ A. 21
- ✗ B. 29
- ✓ C. 24
- ✗ D. 30

Q.54 JK 6 is related to LG -3 in a certain way. In the same way, HI 8 is related to JE -1. To which of the following is ST 10 related, following the same logic?

Ans
- ✗ A. RU 2
- ✗ B. KI 3
- ✓ C. UP 1
- ✗ D. RD 4

Q.55 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Suzy related to Brit if 'Suzy @ Alex % Kabir # George $ Brit'?

Ans
- ✗ A. Wife's father's sister
- ✓ B. Wife's father's mother
- ✗ C. Wife's mother's sister
- ✗ D. Wife's mother's mother

Q.56 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. HFB
- ✓ B. DCX
- ✗ C. VTP
- ✗ D. CAW

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Q.57 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
R sits third to the left of I. Z sits to the immediate left of I. P sits to the immediate left of J. J sits second to the left of K.
Who sits second to the right of Q?

Ans
- ✗ A. K
- ✓ B. J
- ✗ C. R
- ✗ D. P

Q.58 In a certain code language,
A + B means 'A is the daughter of B',
A @ B means 'A is the brother of B',
A - B means 'A is the wife of B', and
A # B means 'A is the father of B'.

Based on the above, how is D related to G if 'D + Y - R # B @ G'?

Ans
- ✗ A. Mother
- ✗ B. Daughter
- ✗ C. Wife
- ✓ D. Sister

Q.59 A, B, C, D, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. D lives on floor number 5. B lives on a floor above D. Only C lives below T. S lives on an even numbered floor. How many people live below A?

Ans
- ✗ A. Three
- ✗ B. Four
- ✓ C. Two
- ✗ D. One

Q.60 Each of the digits in the number 7942586 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✗ A. None
- ✗ B. Two
- ✗ C. Three
- ✓ D. One

Q.61 This question is based on the following words.
RAY DUE AMP DOF
In each of the words, each vowel is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. Four
- ✗ B. One
- ✗ C. Three
- ✓ D. Two

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Q.62 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) W U C C U ^ * H / J + / # U Q # J V D T K (Right)

How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ A. Four
- ✗ B. Three
- ✗ C. One
- ✓ D. Two

Q.63 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 518624, what will be the difference between the last and first digits from right in the number thus formed?

Ans
- ✗ A. 4
- ✗ B. 5
- ✗ C. 1
- ✓ D. 3

Q.64 Seven people, P, Q, S, T, U, V, and W, are sitting in a row, all facing north. Only V sits to the left of W. There are exactly four people between V and P. Only Q sits between S and U, and S is not an immediate neighbour of P. Based on the given information, who is sitting at the extreme right end of the row?

Ans
- ✗ A. S
- ✓ B. T
- ✗ C. W
- ✗ D. P

Q.65 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) P H E D L B J E A E H I A Z E E I Q A A I W (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✗ A. 3
- ✗ B. 1
- ✓ C. 2
- ✗ D. 4

Q.66 Town B is to the west of Town X. Town C is to the east of Town X. Town D is to the south of Town C. Town C is to the west of Town A.
What is the position of Town X with respect to Town A?

Ans
- ✗ A. South
- ✗ B. North
- ✗ C. East
- ✓ D. West

Q.67 In a row of 66 students facing the north, Nidhi's position is 18^{th} from the left end and Sonu's position is 28^{th} from the right end. How many students are sitting between Nidhi and Sonu?

Ans
- ✓ A. 20
- ✗ B. 19
- ✗ C. 21
- ✗ D. 22

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Q.68 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All phones are jugs.
Some phones are caps.

Conclusions:
(I) Some jugs are caps.
(II) All caps are phones.

Ans
- ✗ A. Neither conclusion (I) nor (II) follows
- ✗ B. Both conclusions (I) and (II) follow
- ✗ C. Only conclusion (II) follows
- ✓ D. Only conclusion (I) follows

Q.69 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. NQS
- ✗ B. JMO
- ✗ C. HKM
- ✓ D. MQR

Q.70 Each vowel in the word CAPTURE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
- ✓ A. 1
- ✗ B. 0
- ✗ C. 3
- ✗ D. 2

Q.71 What should come in place of the question mark (?) in the given series?

48 63 78 95 112 131 ?

Ans
- ✗ A. 154
- ✗ B. 158
- ✗ C. 146
- ✓ D. 150

Q.72 Each letter in the word WRINKLE is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is first from the left and the one that is first from the right in the new letter cluster thus formed?

Ans
- ✗ A. 13
- ✗ B. 12
- ✓ C. 17
- ✗ D. 14

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Q.73 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

STY : WWW
BQX : FTV

Ans
- ✗ A. QMQ : UPN
- ✗ B. LFP : PIM
- ✗ C. SWT : WYR
- ✓ D. PSG : TVE

Q.74 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

LH-NJ-PQ
OK-QM-ST

Ans
- ✗ A. SN-TO-VX
- ✓ B. RN-TP-VW
- ✗ C. RN-TP-VX
- ✗ D. SN-TP-VX

Q.75 Each of the digits in the number 7129865 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 8
- ✗ B. 6
- ✓ C. 10
- ✗ D. 12

Q.76 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 E Ω C D (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the right?

Ans
- ✗ A. R
- ✓ B. K
- ✗ C. #
- ✗ D. T

Q.77 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All blankets are feathers.
No feather is a light.

Conclusions:
(I) No blanket is a light.
(II) Some lights are feathers.

Ans
- ✗ A. Both conclusions (I) and (II) follow
- ✗ B. Only conclusion (II) follows
- ✗ C. Neither conclusion (I) nor (II) follows
- ✓ D. Only conclusion (I) follows

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Q.78 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EAW BXT YUQ VRN ?

Ans
✗ A. SER
✗ B. SLO
✗ C. SOP
✓ D. SOK

Q.79 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only four boxes are kept above T. Only three boxes are kept between Q and T. Only one box is kept between I and K. K is kept immediately above T. Only four boxes are kept between I and S. J is kept at some place above R. Which box is kept second below J?

Ans
✗ A. I
✗ B. R
✗ C. K
✓ D. T

Q.80 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number, and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)

122 - 976 - 244 ; 119 - 952 - 238

Ans
✓ A. 107 - 856 - 214
✗ B. 112 - 896 - 298
✗ C. 187 - 996 - 442
✗ D. 101- 808 - 302

Section : General Awareness and Current Affairs

Q.81 In March 2026, the birth of cheetah cubs in India was reported from which national park?

Ans
✓ A. Kuno National Park
✗ B. Jim Corbett National Park
✗ C. Ranthambore National Park
✗ D. Kanha National Park

Q.82 The Gulfood 2026 exhibition, recognised as the world's largest annual food and beverage event, was organised simultaneously across which two venues in Dubai?

Ans
✗ A. Dubai Trade Centre Arena and Jebel Ali Convention Centre
✓ B. Dubai World Trade Centre and Dubai Exhibition Centre at Expo City Dubai
✗ C. Expo City Dubai and Sharjah Expo Centre
✗ D. Dubai International Convention Centre and Abu Dhabi National Exhibition Centre

Q.83 Which Indian organisation had signed the Record of Discussions with the Japan International Cooperation Agency (JICA) for Phase II of Japan-India Cooperative Actions towards Sustainable Development Goals (SDGs) in March 2026?

Ans
✓ A. NITI Aayog
✗ B. Indian Space Research Organisation
✗ C. Centre of Development of Telematics (C-DOT)
✗ D. Border Roads Organisation (BRO)

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Q.84 Which of the following Senior scientists took over as the new director of the Vikram Sarabhai Space Centre in August 2025?

Ans

✗ A. B K Das

✗ B. V Narayanan

✓ C. A Rajarajan

✗ D. S Unnikrishnan Nair

Q.85 Which of the following initiatives was launched by the Union Ministry of Health and Family Welfare on 17 February 2026?

Ans

✓ A. Strategy for AI in Healthcare in India (SAHI)

✗ B. National Immunization Drive

✗ C. National Digital Health Mission

✗ D. Universal Health Coverage Program

Q.86 Amrabad Tiger Reserve, which was in the news in April 2026 for the rehabilitation of tribal families, is located in which Indian state?

Ans

✓ A. Telangana

✗ B. Karnataka

✗ C. Maharashtra

✗ D. Andhra Pradesh

Q.87 In which of the following cities was the Bharat Electricity Summit organized in March 2026?

Ans

✗ A. Hyderabad

✓ B. New Delhi

✗ C. Bengaluru

✗ D. Mumbai

Q.88 Carlos Alcaraz won the 2026 Australian Open men's singles title — simultaneously completing the youngest-ever Career Grand Slam in men's tennis — by defeating which opponent in the final?

Ans

✗ A. Daniil Medvedev

✗ B. Taylor Fritz

✗ C. Jannik Sinner

✓ D. Novak Djokovic

Q.89 Under the new 'Viksit Bharat G RAM G Act' commencing in July 2026, how many days of annual wage employment are legally guaranteed to rural households?

Ans

✓ A. 125 days

✗ B. 100 days

✗ C. 150 days

✗ D. 90 days

Q.90 In May 2026, ICMR and ICAR jointly launched which national mission-mode programme to strengthen the convergence of agriculture, nutrition, and public health in India?

Ans

✓ A. SEHAT – Science Excellence for Health through Agricultural Transformation

✗ B. AROGYA – Agricultural Research for Organic Growth and Youth Advancement

✗ C. KRISHI – Knowledge Reform Initiative for Sustainable Human Immunity

✗ D. POSHAN – Public Outreach for Sustainable Health and Nutrition

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Q.91 The World Athletics Relays 2026, which had started in Gaborone in May 2026, was hosted by which country?

Ans
- ✗ A. Kenya
- ✗ B. Namibia
- ✓ C. Botswana
- ✗ D. South Africa

Q.92 At what age did Vaibhav Sooryavanshi achieve the record for scoring over 500 runs in a single IPL season?

Ans
- ✓ A. 15 years
- ✗ B. 17 years
- ✗ C. 18 years
- ✗ D. 16 years

Q.93 Which national park hosted the 'Lion' Species Spotlight Programme inaugurated by Union Environment Minister Bhupender Yadav ahead of the International Big Cat Alliance Summit 2026?

Ans
- ✗ A. Ranthambore National Park
- ✗ B. Bandipur National Park
- ✓ C. Gir National Park
- ✗ D. Kanha National Park

Q.94 At the Chintan Shivir held in Chandigarh from 24 to 26 April 2026, which mobile application was launched under the SMILE–Beggary Sub-Scheme to enable real-time digital collection of survey data and improve monitoring?

Ans
- ✓ A. SMILE–Beggary Survey Mobile Application
- ✗ B. SAMARTH Social Survey App
- ✗ C. SUGAM Welfare Tracking Portal
- ✗ D. SMILE–Rehabilitation Monitoring App

Q.95 Which of the following was the primary objective of the Military Quantum Mission Policy Framework released by the Indian Defence establishment in late 2025?

Ans
- ✗ A. To establish quantum technology incubation centres for civilian start-ups in major Indian cities
- ✓ B. To integrate quantum communication, computing, sensing, and metrology across all three services
- ✗ C. To launch a constellation of quantum satellites exclusively for the Indian Space Research Organisation (ISRO)
- ✗ D. Upgrade missile guidance systems with imported AI systems

Q.96 Which individual began their first tenure as a Speaker of the West Bengal Legislative Assembly in 2026?

Ans
- ✗ A. Suvendu Adhikari
- ✓ B. Rathindra Basu
- ✗ C. Shovondeb Chattopadhyay
- ✗ D. Tapas Roy

Q.97 In the Padma Awards 2026, which of the following eminent cultural figures from Assam was awarded the Padma Shri for exceptional contributions to the classical Sattriya dance and music tradition?

Ans
- ✗ A. Shri Jogesh Deuri
- ✗ B. Shri Sangyusang S. Pongener
- ✗ C. Shri Nuruddin Ahmed
- ✓ D. Shri Haricharan Saikia

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Q.98 India signed the Rules of Procedure for overseeing the implementation of bilateral defence cooperation during the inaugural Joint Commission meeting held in New Delhi in May 2026 with which country?

Ans

✗ A. Egypt

✗ B. Morocco

✗ C. Tunisia

✓ D. Algeria

Q.99 Which of the following states launched the 'Mukhyamantri Gramotthan Yojana' in January, 2026?

Ans

✗ A. Madhya Pradesh

✓ B. Gujarat

✗ C. Uttar Pradesh

✗ D. Rajasthan

Q.100 Which Indian sprinter became the first Indian to run the 100 metres under 10.1 seconds at the 2026 Athletics Federation Cup in Ranchi?

Ans

✗ A. Amlan Borgohain

✗ B. Manikanta Hoblidhar

✗ C. Muhammed Anas

✓ D. Gurindervir Singh

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	T92513871059
Roll Number	269254263027872
Candidate Name	SURYA PRAKASH SINGH
Community	OBC NCL
Test Center Name	Global Infomerit
Test Date	13/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 Why are few metals NOT found in their native state of nature?

Ans

✗ A. Because they have low melting points.

✗ B. Because they are soluble in nature.

✗ C. Because they are high density.

✓ D. Because they have high reactivity.

Question ID : **441009842964**
Option 1 ID : **4410093324927**
Option 2 ID : **4410093324925**
Option 3 ID : **4410093324926**
Option 4 ID : **4410093324924**
Status : **Answered**
Chosen Option : **D**

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Q.2 **A student wants to use the Right Hand Thumb Rule to determine the direction of the magnetic field around a current-carrying straight conductor. Which of the following steps is essential in applying the rule correctly?**

Ans
- ✗ A. Wrap fingers in the direction of the conductor
- ✗ B. Align the thumb with the magnetic field
- ✓ C. Point the thumb in the direction of current
- ✗ D. Use the left hand for orientation

Question ID : **4410092046092**
Option 1 ID : **4410098056442**
Option 2 ID : **4410098056441**
Option 3 ID : **4410098056443**
Option 4 ID : **4410098056444**
Status : **Answered**
Chosen Option : **C**

Q.3 **A convex lens forms a real, inverted image of an object placed at a distance of 30 cm from the lens. The image is found to be formed at a distance of 60 cm on the other side of the lens. What is the focal length of the lens?**

Ans
- ✗ A. 18 cm
- ✗ B. 15 cm
- ✓ C. 20 cm
- ✗ D. 12 cm

Question ID : **4410092046375**
Option 1 ID : **4410098057571**
Option 2 ID : **4410098057570**
Option 3 ID : **4410098057569**
Option 4 ID : **4410098057572**
Status : **Answered**
Chosen Option : **C**

Q.4 **If the refractive index of medium 2 with respect to medium 1 is n_{21}, which formula correctly represents n_{21}?**

Ans
- ✗ A. n_{21} = Speed of light in medium 2 minus speed of light in medium 1.
- ✗ B. n_{21} = Speed of light in medium 1 minus speed of light in medium 2.
- ✓ C. n_{21} = Speed of light in medium 1 divided by speed of light in medium 2.
- ✗ D. n_{21} = Speed of light in medium 2 divided by speed of light in medium 1.

Question ID : **4410091667400**
Option 1 ID : **4410096581578**
Option 2 ID : **4410096581577**
Option 3 ID : **4410096581576**
Option 4 ID : **4410096581575**
Status : **Answered**
Chosen Option : **D**

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Q.5 How does Paramecium ensure that food particles are directed to its intake spot?

Ans

✗ A. Forms pseudopodia to engulf food

✗ B. Releases enzymes to move food particles

✓ C. Uses movement of cilia covering the cell surface

✗ D. Utilises contractile vacuoles for food transport

Question ID : **4410091973362**
Option 1 ID : **4410097772478**
Option 2 ID : **4410097772477**
Option 3 ID : **4410097772479**
Option 4 ID : **4410097772476**
Status : **Not Answered**
Chosen Option : **--**

Q.6 A worker performs a task. Which of the following statements about power are correct?

1. If work remains constant and time increases, power decreases.
2. If time remains constant and work increases, power increases.
3. Power is directly proportional to work done.
4. Power is inversely proportional to time taken.

Ans

✗ A. 2 and 4 only

✗ B. 1, 2 and 3 only

✓ C. 1, 2, 3 and 4

✗ D. 1, 3 and 4 only

Question ID : **4410092046262**
Option 1 ID : **4410098057124**
Option 2 ID : **4410098057121**
Option 3 ID : **4410098057123**
Option 4 ID : **4410098057122**
Status : **Answered**
Chosen Option : **D**

Q.7 A taxonomist examines DNA sequences of two bacteria and finds high similarity. Based on current classification principles, which relationship does this suggest between them?

Ans

✗ A. They occupy same ecological niche

✓ B. They likely share a common ancestry

✗ C. They belong to different domains

✗ D. They are unrelated

Question ID : **4410091981957**
Option 1 ID : **4410097806646**
Option 2 ID : **4410097806649**
Option 3 ID : **4410097806648**
Option 4 ID : **4410097806647**
Status : **Answered**
Chosen Option : **B**

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Q.8 **Muscular tissue is responsible for all movement in our body and consists of elongated cells which are also commonly referred to as _____.**

Ans
- ✔ A. Muscle fibres
- ✘ B. Neurons
- ✘ C. Cartilage cells
- ✘ D. Epithelial cells

Question ID : **4410091682901**
Option 1 ID : **4410096638861**
Option 2 ID : **4410096638858**
Option 3 ID : **4410096638859**
Option 4 ID : **4410096638860**
Status : **Answered**
Chosen Option : **A**

Q.9 **Read the following statements carefully and choose the CORRECT option:**
Statement I: **Neutralisation reactions always produce salt, water, and hydrogen gas.**
Statement II: **Neutralisation reaction is a type of double displacement reaction.**

Ans
- ✘ A. Both statements are correct
- ✔ B. Only Statement II is correct
- ✘ C. Both statements are incorrect
- ✘ D. Only Statement I is correct

Question ID : **4410091652732**
Option 1 ID : **4410096526548**
Option 2 ID : **4410096526550**
Option 3 ID : **4410096526551**
Option 4 ID : **4410096526549**
Status : **Answered**
Chosen Option : **B**

Q.10 **What is the valency of oxygen in MgO?**

Ans
- ✘ A. One
- ✔ B. Two
- ✘ C. Three
- ✘ D. Four

Question ID : **4410091029746**
Option 1 ID : **4410094070674**
Option 2 ID : **4410094070675**
Option 3 ID : **4410094070676**
Option 4 ID : **4410094070677**
Status : **Answered**
Chosen Option : **B**

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Q.11 Why are magnetic field lines due to current in a straight conductor denser near the wire and farther apart as distance increases?

Ans

✗ A. Because of interference from external magnets only

✗ B. Because the magnetic field becomes uniform farther away

✗ C. Because the current in the wire decreases with distance

✓ D. Because magnetic field strength decreases with increasing distance from the wire

Question ID : **4410092045908**
Option 1 ID : **4410098055708**
Option 2 ID : **4410098055705**
Option 3 ID : **4410098055706**
Option 4 ID : **4410098055707**
Status : **Answered**
Chosen Option : **D**

Q.12 Imagine a region with abundant ancient plant remains, frequent earthquakes, and thick rock layers. Which fossil fuel is most likely to be found there and why?

Ans

✓ A. Coal, because these conditions favor coal formation from ancient plants

✗ B. No fossil fuels, because biomass cannot decay underground

✗ C. Natural gas, because these conditions favor gas formation from volcanic activity

✗ D. Oil, because these conditions favor oil formation from sea animals

Question ID : **4410091721350**
Option 1 ID : **4410096788626**
Option 2 ID : **4410096788629**
Option 3 ID : **4410096788628**
Option 4 ID : **4410096788627**
Status : **Answered**
Chosen Option : **A**

Q.13 Which of the following best describes the role of apical meristems?

Ans

✗ A. Increase the diameter of stems and roots.

✗ B. Store nutrients in parenchyma

✓ C. Drive lengthwise growth at the tips of roots and shoots.

✗ D. Form only in mature tissues after the plant has fully grown.

Question ID : **4410091479854**
Option 1 ID : **4410095846515**
Option 2 ID : **4410095846517**
Option 3 ID : **4410095846514**
Option 4 ID : **4410095846516**
Status : **Answered**
Chosen Option : **C**

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Q.14 Which of the following is NOT true about simple machines?

Ans
- ✗ A. They make tasks more convenient
- ✗ B. They can reduce the effort required
- ✗ C. They can change the direction of force
- ✓ D. They reduce total work done in all cases

Question ID : **4410092046306**
Option 1 ID : **4410098057300**
Option 2 ID : **4410098057298**
Option 3 ID : **4410098057297**
Option 4 ID : **4410098057299**
Status : **Answered**
Chosen Option : **C**

Q.15 Which of the following statements about ethanol is CORRECT?

Ans
- ✗ A. Ethanol reacts with baking soda to release hydrogen gas.
- ✓ B. Ethanol burns with a clear blue flame, producing carbon dioxide and water.
- ✗ C. Ethanol is a colorless, odourless liquid that does not evaporate easily.
- ✗ D. Ethanol does not mix with water at all.

Question ID : **4410091079037**
Option 1 ID : **4410094253814**
Option 2 ID : **4410094253813**
Option 3 ID : **4410094253811**
Option 4 ID : **4410094253812**
Status : **Answered**
Chosen Option : **B**

Q.16 Which feature of a velocity-time graph for uniform acceleration determines the value of acceleration?

Ans
- ✗ A. The intercept on the velocity axis
- ✗ B. The maximum value on the velocity axis
- ✓ C. The slope of the velocity-time graph
- ✗ D. The area under the velocity-time graph

Question ID : **4410092046184**
Option 1 ID : **4410098056810**
Option 2 ID : **4410098056812**
Option 3 ID : **4410098056811**
Option 4 ID : **4410098056809**
Status : **Answered**
Chosen Option : **C**

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Q.17 The mass number of an atom represents the total count of which particles present within its nucleus?

Ans

✗ A. protons only

✓ B. protons and neutrons

✗ C. protons and electrons

✗ D. electrons and neutrons

Question ID : **4410091720804**
Option 1 ID : **4410096786477**
Option 2 ID : **4410096786476**
Option 3 ID : **4410096786474**
Option 4 ID : **4410096786475**
Status : **Answered**
Chosen Option : **B**

Q.18 In an ecosystem, the organisms that recycle nutrients by breaking down dead matter are called:

Ans

✓ A. Decomposers

✗ B. Herbivores

✗ C. Consumers

✗ D. Producers

Question ID : **4410091393752**
Option 1 ID : **4410095504625**
Option 2 ID : **4410095504628**
Option 3 ID : **4410095504626**
Option 4 ID : **4410095504627**
Status : **Answered**
Chosen Option : **A**

Q.19 Increase in concentration of harmful chemicals progressively through the trophic levels is called _____.

Ans

✓ A. Biomagnification

✗ B. Recycling

✗ C. Pollution

✗ D. Decomposition

Question ID : **4410091979032**
Option 1 ID : **4410097795028**
Option 2 ID : **4410097795029**
Option 3 ID : **4410097795030**
Option 4 ID : **4410097795027**
Status : **Answered**
Chosen Option : **A**

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Q.20 A 3 cm tall object is placed 9 cm in front of a concave lens with focal length 6 cm. What is the approximate height of the image formed?

Ans

✗ A. 4 cm and upright

✗ B. 3 cm and inverted

✗ C. 1 cm and inverted

✓ D. 1.2 cm and upright

Question ID : **4410092046373**
Option 1 ID : **4410098057564**
Option 2 ID : **4410098057561**
Option 3 ID : **4410098057563**
Option 4 ID : **4410098057562**
Status : **Answered**
Chosen Option : **D**

Q.21 Which of the following is NOT a heterogeneous mixture?

Ans

✗ A. Lemonade (with pulp)

✗ B. Soil

✗ C. Iron filings and sulphur

✓ D. Alcohol and water

Question ID : **441009863349**
Option 1 ID : **4410093406540**
Option 2 ID : **4410093406538**
Option 3 ID : **4410093406539**
Option 4 ID : **4410093406541**
Status : **Answered**
Chosen Option : **D**

Q.22 A chemist mixes two colorless aqueous solutions X and Y. A white precipitate Z forms instantly. Later, analysis shows Z is insoluble calcium carbonate. Which pair of solutions was most likely used?

Ans

✗ A. $ZnSO_4$ and $FeCl_2$

✗ B. NaCl and KNO_3

✗ C. HCl and NaOH

✓ D. Na_2CO_3 and $CaCl_2$

Question ID : **4410091825957**
Option 1 ID : **4410097198081**
Option 2 ID : **4410097198078**
Option 3 ID : **4410097198080**
Option 4 ID : **4410097198079**
Status : **Answered**
Chosen Option : **D**

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Q.23 During the firing of a gun, the bullet moves forward while the gun recoils backward. Which option correctly identifies the action and the corresponding reaction in this situation?

Ans

✗ A. The bullet moves forward due to gunpowder only, and the gun moves backward due to its own weight.

✗ B. The gun and bullet both move because the trigger is pulled, not because of action-reaction forces.

✓ C. The gun exerts a forward force on the bullet; the bullet exerts an equal backward force on the gun.

✗ D. The bullet pushes the gun forward, and the gun pushes the bullet backward.

Question ID : **4410091640814**
Option 1 ID : **4410096480448**
Option 2 ID : **4410096480449**
Option 3 ID : **4410096480447**
Option 4 ID : **4410096480450**
Status : **Answered**
Chosen Option : **C**

Q.24 Which product is commonly formed during anaerobic respiration in animals?

Ans

✗ A. Glucose

✗ B. Alcohol

✓ C. Lactic acid

✗ D. Oxygen

Question ID : **4410091708289**
Option 1 ID : **4410096737849**
Option 2 ID : **4410096737847**
Option 3 ID : **4410096737848**
Option 4 ID : **4410096737850**
Status : **Answered**
Chosen Option : **C**

Q.25 A weather report for a Himalayan town mentions wind direction reversal every evening, affecting local farming. Which atmospheric phenomenon is primarily responsible for this reversal?

Ans

✗ A. Constant high-pressure wind flow

✗ B. Movement of global wind belts

✗ C. Onset of monsoon winds

✓ D. Daily cycle of valley and mountain breezes

Question ID : **4410091999776**
Option 1 ID : **4410097875615**
Option 2 ID : **4410097875614**
Option 3 ID : **4410097875616**
Option 4 ID : **4410097875613**
Status : **Not Answered**
Chosen Option : **--**

Section : **Mathematics**

Railway BABA

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Q.26 If the surface areas of two spheres are in the ratio 900 : 1089, then the ratio of their volumes is _____.

Ans

✗ A. 125 : 591

✓ B. 1000 : 1331

✗ C. 1000 : 1223

✗ D. 125 : 137

Question ID : **44100939587**
Option 1 ID : **441009157872**
Option 2 ID : **441009157869**
Option 3 ID : **441009157870**
Option 4 ID : **441009157871**
Status : **Answered**
Chosen Option : **B**

Q.27 Find the median of the following data.

Class interval	0-8	8-16	16-24	24-32	32-40	40-48
Frequency	5	7	12	8	10	13

Ans

✗ A. 25.3

✗ B. 28.4

✓ C. 27.5

✗ D. 26.2

Question ID : **441009339810**
Option 1 ID : **4410091325271**
Option 2 ID : **4410091325274**
Option 3 ID : **4410091325273**
Option 4 ID : **4410091325272**
Status : **Answered**
Chosen Option : **C**

Q.28 Simplify: $(\sqrt{50}+2\sqrt{2})^2$

Ans

✗ A. $78\sqrt{2}$

✗ B. 78

✓ C. 98

✗ D. $98\sqrt{5}$

Question ID : **4410091472910**
Option 1 ID : **4410095819494**
Option 2 ID : **4410095819493**
Option 3 ID : **4410095819495**
Option 4 ID : **4410095819496**
Status : **Answered**
Chosen Option : **C**

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Q.29 Three partners, A, B, and C, invest ₹25,000, ₹35,000, and ₹60,000, respectively. If the total profit is ₹66,000, what is the share of C?

Ans
✗ A. ₹39,000
✗ B. ₹37,000
✓ C. ₹33,000
✗ D. ₹35,000

Question ID : **4410091396729**
Option 1 ID : **4410095516579**
Option 2 ID : **4410095516578**
Option 3 ID : **4410095516576**
Option 4 ID : **4410095516577**
Status : **Answered**
Chosen Option : **C**

Q.30 If $\sin\theta + \text{cosec}\theta = \sqrt{5}$, then find the value of $\sin^3\theta + \text{cosec}^3\theta$.

Ans
✗ A. $4\sqrt{5}$
✓ B. $2\sqrt{5}$
✗ C. $\sqrt{5}$
✗ D. $3\sqrt{5}$

Question ID : **441009592401**
Option 1 ID : **4410092324724**
Option 2 ID : **4410092324722**
Option 3 ID : **4410092324721**
Option 4 ID : **4410092324723**
Status : **Answered**
Chosen Option : **C**

Q.31 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 63% and 42%, shop II allows successive discounts of 43% and 88%, shop III allows successive discounts of 52% and 34% and shop IV allows successive discounts of 33%, 61% and 51% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
✗ A. IV
✗ B. III
✗ C. I
✓ D. II

Question ID : **441009536886**
Option 1 ID : **4410092102943**
Option 2 ID : **4410092102941**
Option 3 ID : **4410092102942**
Option 4 ID : **4410092102940**
Status : **Answered**
Chosen Option : **A**

RailwayBABA

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Q.32 In a parallelogram ABCD, the diagonals intersect at O. ∠BCA = 38° and ∠CAB = 27°. Find ∠AOD if ∠ADO : ∠CDO = 2 : 3.

Ans
✗ A. 86°
✗ B. 102°
✓ C. 96°
✗ D. 92°

Question ID : **44100938862**
Option 1 ID : **441009154987**
Option 2 ID : **441009154990**
Option 3 ID : **441009154989**
Option 4 ID : **441009154988**
Status : **Answered**
Chosen Option : **C**

Q.33 Two 80-m and 120-m long trains are running in opposite directions at the speeds of 50 km/hr and 30 km/hr, respectively. Calculate the time taken by the trains to cross each other.

Ans
✓ A. 9 seconds
✗ B. 12 seconds
✗ C. 10 seconds
✗ D. 8 seconds

Question ID : **4410091473269**
Option 1 ID : **4410095820927**
Option 2 ID : **4410095820929**
Option 3 ID : **4410095820928**
Option 4 ID : **4410095820926**
Status : **Answered**
Chosen Option : **A**

Q.34 The hypotenuse of a right-angled triangle is 46 cm and the difference of other two sides is 26 cm. Then, the area of the triangle is:

Ans
✗ A. 598 cm^2
✗ B. 720 cm^2
✗ C. 299 cm^2
✓ D. 360 cm^2

Question ID : **4410091505028**
Option 1 ID : **4410095944470**
Option 2 ID : **4410095944471**
Option 3 ID : **4410095944472**
Option 4 ID : **4410095944469**
Status : **Answered**
Chosen Option : **D**

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Q.35 Three years ago, Mr. Sohan Lal was four times as old as his grandson. In eight years, his age will be thrice that of his grandson. Find the present age of Mr. Sohan Lal.

Ans
- ✗ A. 95 years
- ✗ B. 85 years
- ✓ C. 91 years
- ✗ D. 78 years

Question ID : **441009993580**
Option 1 ID : **4410093926414**
Option 2 ID : **4410093926412**
Option 3 ID : **4410093926415**
Option 4 ID : **4410093926413**
Status : **Answered**
Chosen Option : **C**

Q.36 Find the simple interest (in ₹) if a sum of ₹550 is borrowed for 3.5 years at 8% per annum rate of interest.

Ans
- ✗ A. 134
- ✗ B. 254
- ✗ C. 204
- ✓ D. 154

Question ID : **441009851731**
Option 1 ID : **4410093359898**
Option 2 ID : **4410093359899**
Option 3 ID : **4410093359897**
Option 4 ID : **4410093359896**
Status : **Answered**
Chosen Option : **D**

Q.37 What is the least value that must be assigned to A so that the 8-digit number 910A3076 is divisible by 6?

Ans
- ✗ A. 5
- ✓ B. 1
- ✗ C. 4
- ✗ D. 6

Question ID : **441009560190**
Option 1 ID : **4410092196029**
Option 2 ID : **4410092196027**
Option 3 ID : **4410092196030**
Option 4 ID : **4410092196028**
Status : **Answered**
Chosen Option : **B**

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Q.38 Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 48 hours and pipe C can fill the same tank in 16 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

Ans
✗ A. 2
✗ B. 3
✓ C. 1
✗ D. 4

Question ID : **441009517468**
Option 1 ID : **4410092025292**
Option 2 ID : **4410092025293**
Option 3 ID : **4410092025291**
Option 4 ID : **4410092025294**
Status : **Answered**
Chosen Option : **C**

Q.39 A chemist has 90 liters of a solution with alcohol and water in the ratio 1:2. How much water must be removed and replaced with alcohol to make the ratio 2:3?

Ans
✗ A. 9 liters
✓ B. 6 liters
✗ C. 5 liters
✗ D. 7 liters

Question ID : **4410091973009**
Option 1 ID : **4410097771141**
Option 2 ID : **4410097771140**
Option 3 ID : **4410097771142**
Option 4 ID : **4410097771143**
Status : **Answered**
Chosen Option : **B**

Q.40 Simplify: $\left(\frac{17a^5b^2c^4}{51a^3b^3c^4}\right) \times 9b^3$

Ans
✗ A. $5a^2b$
✓ B. $3a^2b^2$
✗ C. $3ab^2$
✗ D. $3ab$

Question ID : **4410091054343**
Option 1 ID : **4410094166436**
Option 2 ID : **4410094166434**
Option 3 ID : **4410094166435**
Option 4 ID : **4410094166433**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.41 If the mean proportional between two numbers is 12 and one of the numbers is 8, what is the other number?

Ans
- ✔ A. 18
- ✘ B. 24
- ✘ C. 9
- ✘ D. 36

Question ID : **4410091986619**
Option 1 ID : **4410097824546**
Option 2 ID : **4410097824548**
Option 3 ID : **4410097824545**
Option 4 ID : **4410097824547**
Status : **Answered**
Chosen Option : **A**

Q.42 Two trains are travelling in opposite directions at 108 km/h and 90 km/h. If the length of the faster train is 550 metres, then find the time taken by the faster train to cross a man standing in the slower train.

Ans
- ✘ A. 15 seconds
- ✔ B. 10 seconds
- ✘ C. 11 seconds
- ✘ D. 12 seconds

Question ID : **441009514005**
Option 1 ID : **4410092011347**
Option 2 ID : **4410092011348**
Option 3 ID : **4410092011349**
Option 4 ID : **4410092011346**
Status : **Answered**
Chosen Option : **B**

Q.43 If the difference between compound interest (compounded annually) and simple interest for a sum at 5% per annum for 2 years is ₹5, what is the sum (in ₹)?

Ans
- ✘ A. 1,000
- ✔ B. 2,000
- ✘ C. 2,500
- ✘ D. 1,500

Question ID : **4410091983278**
Option 1 ID : **4410097811796**
Option 2 ID : **4410097811794**
Option 3 ID : **4410097811793**
Option 4 ID : **4410097811795**
Status : **Answered**
Chosen Option : **B**

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Q.44 The mean and the mode of a set of data are 62 and 43.6, respectively. Find the median of the data, using the empirical formula. (Round off to one decimal place)

Ans
✗ A. 55.4
✗ B. 56.9
✗ C. 56.1
✓ D. 55.9

Question ID : **441009540344**
Option 1 ID : **4410092116773**
Option 2 ID : **4410092116774**
Option 3 ID : **4410092116775**
Option 4 ID : **4410092116772**
Status : **Answered**
Chosen Option : **D**

Q.45 If $\cos\theta = \frac{1}{2}$, then $7\sec^2\theta + 3\tan^2\theta - 9$ equals to:

Ans
✗ A. 31
✗ B. 9
✗ C. 14
✓ D. 28

Question ID : **441009592777**
Option 1 ID : **4410092326228**
Option 2 ID : **4410092326225**
Option 3 ID : **4410092326226**
Option 4 ID : **4410092326227**
Status : **Answered**
Chosen Option : **D**

Q.46 Arvind bought an article for ₹x. He sold it to Biru at a loss of 25%. Biru spent ₹183 on its transportation and sold it to Minu at a profit of 45%. If Minu bought it for ₹1,479, then what is the value of x?

Ans
✓ A. 1,116
✗ B. 1,067
✗ C. 1,079
✗ D. 1,092

Question ID : **441009537817**
Option 1 ID : **4410092106664**
Option 2 ID : **4410092106667**
Option 3 ID : **4410092106665**
Option 4 ID : **4410092106666**
Status : **Not Answered**
Chosen Option : **--**

Railway BABA

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Q.47 A sum of money earns interest at a rate of 20% per annum, compounded half-yearly. An amount of ₹8,000 is invested on 1 January and another of ₹4,500 is invested on 1 July of the same year. Find the total interest earned at the end of the year.

Ans
✔ A. ₹2,130
✘ B. ₹2,190
✘ C. ₹2,280
✘ D. ₹2,250

Question ID : **441009573530**
Option 1 ID : **4410092249240**
Option 2 ID : **4410092249242**
Option 3 ID : **4410092249243**
Option 4 ID : **4410092249241**
Status : **Answered**
Chosen Option : **A**

Q.48 Raman's income is ₹50,400, and he saves 7.5% of it. If his income increases by 26% and his expenditure increases by 20%, then by how much percent will his savings increase?

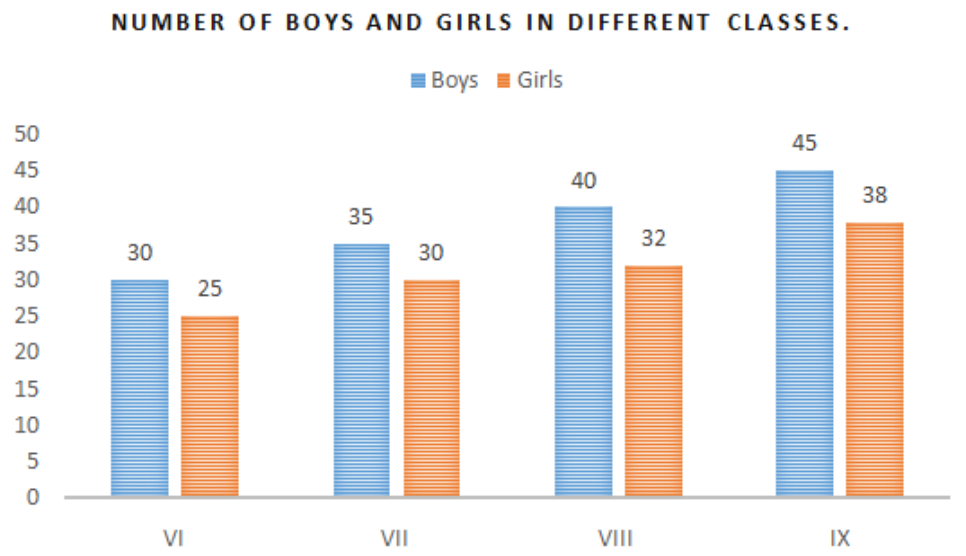
Ans
✘ A. 125%
✘ B. 75%
✘ C. 50%
✔ D. 100%

Question ID : **441009562152**
Option 1 ID : **4410092203878**
Option 2 ID : **4410092203877**
Option 3 ID : **4410092203875**
Option 4 ID : **4410092203876**
Status : **Answered**
Chosen Option : **D**

RailwayBABA

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Q.49 The given bar graph shows the number of boys and girls in different classes. If 20% of the boys and 25% of the girls from Class VIII participate in a competition, then how many students from Class VIII participate in the competition?



Ans

✗ A. 17

✗ B. 14

✓ C. 16

✗ D. 15

Question ID : **4410091988733**
Option 1 ID : **4410097832708**
Option 2 ID : **4410097832706**
Option 3 ID : **4410097832707**
Option 4 ID : **4410097832705**
Status : **Answered**
Chosen Option : **C**

Q.50 Anita saves y% of her income. If her income increases by 30% and her expenditure increases by 20%, her savings increase by 40%. What is the value of y?

Ans

✓ A. 50

✗ B. 43

✗ C. 42

✗ D. 48

Question ID : **4410091986254**
Option 1 ID : **4410097823177**
Option 2 ID : **4410097823178**
Option 3 ID : **4410097823180**
Option 4 ID : **4410097823179**
Status : **Answered**
Chosen Option : **A**

Section : **General Intelligence and Reasoning**

Railway BABA

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Q.51 Manohar starts from Point A and drives 16 km towards the north. He then takes a right turn, drives 6 km, turns right and drives 17 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✔ A. 4 km to the east
- ✘ B. 5 km to the east
- ✘ C. 5 km to the west
- ✘ D. 4 km to the west

Question ID : **4410091495717**
Option 1 ID : **4410095908185**
Option 2 ID : **4410095908187**
Option 3 ID : **4410095908188**
Option 4 ID : **4410095908186**
Status : **Answered**
Chosen Option : **A**

Q.52 In a certain code language, 'window is closed' is coded as 'ra cy mb' and 'he is bad' is coded as 'cy tg lo'. How is 'is' coded in that language? (All the codes are two-letter codes only.)

Ans
- ✔ A. cy
- ✘ B. tg
- ✘ C. lo
- ✘ D. mb

Question ID : **4410091481051**
Option 1 ID : **4410095851334**
Option 2 ID : **4410095851337**
Option 3 ID : **4410095851335**
Option 4 ID : **4410095851336**
Status : **Answered**
Chosen Option : **A**

Q.53 In a certain code language,
A + B means 'A is the daughter of B',
A @ B means 'A is the brother of B',
A - B means 'A is the wife of B', and
A # B means 'A is the father of B'.

Based on the above, how is D related to G if 'D + Y # R @ B - G'?

Ans
- ✘ A. Wife's mother
- ✘ B. Sister
- ✔ C. Wife's sister
- ✘ D. Mother

Question ID : **441009345367**
Option 1 ID : **4410091347413**
Option 2 ID : **4410091347415**
Option 3 ID : **4410091347412**
Option 4 ID : **4410091347414**
Status : **Answered**
Chosen Option : **C**

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Q.54 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) A $ 3 B 7 @ M 2 % P 9 # D 4 & H 5 @ J 8 ! (Right)

How many such symbols are there, which are immediately preceded by a letter and also immediately followed by a number?

Ans
- ✔ A. One
- ✘ B. Three
- ✘ C. None
- ✘ D. Two

Question ID : **441009796883**
Option 1 ID : **4410093141532**
Option 2 ID : **4410093141534**
Option 3 ID : **4410093141531**
Option 4 ID : **4410093141533**
Status : **Answered**
Chosen Option : **A**

Q.55 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only four boxes are kept between S and Q. T is kept above S. Only two boxes are kept between I and J. K is kept immediately above R. J is not kept immediately above K. No box is kept below Q. Which box is kept fourth from the top?

Ans
- ✘ A. I
- ✔ B. K
- ✘ C. R
- ✘ D. J

Question ID : **441009819339**
Option 1 ID : **4410093231479**
Option 2 ID : **4410093231480**
Option 3 ID : **4410093231481**
Option 4 ID : **4410093231482**
Status : **Answered**
Chosen Option : **B**

Q.56 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week, starting from Monday and ending on Sunday. P has an exam on Friday. Only one person has an exam between P and R. U has an exam immediately before R. Only three people have an exam between U and V. T has an exam after V but before S. When does Q have an exam?

Ans
- ✔ A. Monday
- ✘ B. Thursday
- ✘ C. Tuesday
- ✘ D. Sunday

Question ID : **441009774675**
Option 1 ID : **4410093052704**
Option 2 ID : **4410093052706**
Option 3 ID : **4410093052703**
Option 4 ID : **4410093052705**
Status : **Not Answered**
Chosen Option : **--**

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Q.57 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Among five children – A, B, C, D, and E – who is the shortest?

(I) A is shorter than B and C. B is shorter than D.

(II) A is shorter than E. B is shorter than E. C is shorter than E. D is shorter than E.

Ans ✗ A. Data in statement I alone is sufficient to answer the question while data in statement II is not.

✗ B. Both statements I and II together are NOT sufficient to answer the question.

✓ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

✗ D. Data in statement II alone is sufficient to answer the question while data in statement I is not.

Question ID : **4410091340279**
Option 1 ID : **4410095293158**
Option 2 ID : **4410095293156**
Option 3 ID : **4410095293157**
Option 4 ID : **4410095293155**
Status : **Answered**
Chosen Option : **C**

Q.58 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
I sits to the immediate right of Q. Only two people sit between R and P when counted from the right of R. Only three people sit between Z and K when counted from the right of K. P sits to the immediate right of K.
Who sits second to the right of J?

Ans ✗ A. I

✗ B. Q

✗ C. K

✓ D. P

Question ID : **441009784414**
Option 1 ID : **4410093091659**
Option 2 ID : **4410093091661**
Option 3 ID : **4410093091662**
Option 4 ID : **4410093091660**
Status : **Answered**
Chosen Option : **D**

Q.59 What will come in the place of the question mark (?) in the following equation if '+' and '–' are interchanged, and '×' and '÷' are interchanged?

40 ÷ 2 + 12 × 3 − 9 =?

Ans ✗ A. 95

✓ B. 85

✗ C. 105

✗ D. 115

Question ID : **441009555279**
Option 1 ID : **4410092176433**
Option 2 ID : **4410092176431**
Option 3 ID : **4410092176430**
Option 4 ID : **4410092176432**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.60 The position(s) of how many letters will remain unchanged if each letter in the word BLOCKING is arranged in the English alphabetical order?

Ans
✔ A. Three
✘ B. None
✘ C. Two
✘ D. One

Question ID : **441009777139**
Option 1 ID : **4410093062562**
Option 2 ID : **4410093062559**
Option 3 ID : **4410093062561**
Option 4 ID : **4410093062560**
Status : **Answered**
Chosen Option : **C**

Q.61 A, B, C, D, E, F and G are sitting around a circular table, facing the centre.
B sits third to the left of F. D sits second to the left of G. F is an immediate neighbour of both E and D. A is not an immediate neighbour of B.
How many people sit between E and G when counted from the right of E?

Ans
✘ A. 1
✔ B. 3
✘ C. 4
✘ D. 2

Question ID : **4410091150066**
Option 1 ID : **4410094535220**
Option 2 ID : **4410094535222**
Option 3 ID : **4410094535223**
Option 4 ID : **4410094535221**
Status : **Answered**
Chosen Option : **B**

Q.62 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✘ A. FI - BE
✔ B. BE - XB
✘ C. PS - LO
✘ D. KN - GJ

Question ID : **441009790411**
Option 1 ID : **4410093115643**
Option 2 ID : **4410093115646**
Option 3 ID : **4410093115645**
Option 4 ID : **4410093115644**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.63 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) V L E N H N F I N P V O Y B Z Y E W P O A A (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✔ A. 5
- ✘ B. 6
- ✘ C. 4
- ✘ D. 7

Question ID : **441009811731**
Option 1 ID : **4410093201047**
Option 2 ID : **4410093201048**
Option 3 ID : **4410093201049**
Option 4 ID : **4410093201050**
Status : **Answered**
Chosen Option : **A**

Q.64 This question is based on the following words:
VAN LIE JOY HEN
If in each of the words, every letter is changed to the letter immediately following it in the English alphabetical order, how many letter-clusters thus formed will have no vowels?

Ans
- ✘ A. Three
- ✔ B. Two
- ✘ C. None
- ✘ D. Four

Question ID : **441009768683**
Option 1 ID : **4410093028727**
Option 2 ID : **4410093028726**
Option 3 ID : **4410093028725**
Option 4 ID : **4410093028728**
Status : **Answered**
Chosen Option : **D**

Q.65 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 52183475, what will be the sum of the digits which are first from the left and first from the right in the new number thus formed?

Ans
- ✘ A. 16
- ✔ B. 14
- ✘ C. 12
- ✘ D. 10

Question ID : **441009576663**
Option 1 ID : **4410092261781**
Option 2 ID : **4410092261780**
Option 3 ID : **4410092261779**
Option 4 ID : **4410092261778**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.66 What should come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

112 - 32 ÷ 6 + 88 × 11 = ?

Ans
✔ A. 296
✘ B. 298
✘ C. 300
✘ D. 291

Question ID : **441009861682**
Option 1 ID : **4410093399766**
Option 2 ID : **4410093399767**
Option 3 ID : **4410093399768**
Option 4 ID : **4410093399765**
Status : **Answered**
Chosen Option : **A**

Q.67 In a row of 85 students facing the north, Nishtha's position is 25th from the left end and Vibha's position is 28th from the right end. How many students are sitting between Nishtha and Vibha?

Ans
✘ A. 34
✔ B. 32
✘ C. 31
✘ D. 33

Question ID : **4410091603117**
Option 1 ID : **4410096331667**
Option 2 ID : **4410096331665**
Option 3 ID : **4410096331664**
Option 4 ID : **4410096331666**
Status : **Answered**
Chosen Option : **B**

Q.68 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: HBO :: LIV : %

Ans
✔ A. # = IAR, % = KJS
✘ B. # = IAR, % = VIL
✘ C. # = GCP, % = ILV
✘ D. # = IAR, % = KJT

Question ID : **441009716065**
Option 1 ID : **4410092818231**
Option 2 ID : **4410092818234**
Option 3 ID : **4410092818233**
Option 4 ID : **4410092818232**
Status : **Answered**
Chosen Option : **A**

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Q.69 Each letter in the word KNIFERS is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter that is third from the left and the one that is second from the right in the new letter-cluster thus formed?

Ans
✔ A. 8
✘ B. 7
✘ C. 9
✘ D. 11

Question ID : **441009761186**
Option 1 ID : **4410092998737**
Option 2 ID : **4410092998738**
Option 3 ID : **4410092998739**
Option 4 ID : **4410092998740**
Status : **Answered**
Chosen Option : **A**

Q.70 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Manoj related to Wasim if 'Manoj @ Palak % Soumya $ Jagriti # Wasim'?

Ans
✔ A. Brother's wife's father's mother
✘ B. Brother's wife's mother's mother
✘ C. Brother's wife's father's sister
✘ D. Brother's wife's mother's sister

Question ID : **4410091477983**
Option 1 ID : **4410095839263**
Option 2 ID : **4410095839265**
Option 3 ID : **4410095839264**
Option 4 ID : **4410095839266**
Status : **Answered**
Chosen Option : **A**

Q.71 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: GIE :: EGC : %

Ans
✘ A. # = OBH , % = BER
✘ B. # = JPH , % = BDD
✘ C. # = JOX , % = ASZ
✔ D. # = JLH , % = BDZ

Question ID : **441009710347**
Option 1 ID : **4410092795359**
Option 2 ID : **4410092795362**
Option 3 ID : **4410092795360**
Option 4 ID : **4410092795361**
Status : **Answered**
Chosen Option : **D**

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Q.72 14 is related to 213 following a certain logic. Following the same logic, 22 is related to 333. To which of the following is 31 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 472
✓ B. 468
✗ C. 436
✗ D. 454

Question ID : **4410091985813**
Option 1 ID : **4410097821461**
Option 2 ID : **4410097821463**
Option 3 ID : **4410097821464**
Option 4 ID : **4410097821462**
Status : **Not Answered**
Chosen Option : **--**

Q.73 What should come in place of the question mark (?) in the given series?

72 84 93 105 114 126 ?

Ans
✓ A. 135
✗ B. 141
✗ C. 132
✗ D. 138

Question ID : **4410091983862**
Option 1 ID : **4410097814013**
Option 2 ID : **4410097814014**
Option 3 ID : **4410097814016**
Option 4 ID : **4410097814015**
Status : **Answered**
Chosen Option : **A**

Q.74 What should come in place of ? in the given series based on the English alphabetical order?

LDE JGD HJC FMB ?

Ans
✗ A. DSR
✓ B. DPA
✗ C. GFR
✗ D. HYT

Question ID : **4410091467779**
Option 1 ID : **4410095798914**
Option 2 ID : **4410095798913**
Option 3 ID : **4410095798912**
Option 4 ID : **4410095798911**
Status : **Answered**
Chosen Option : **B**

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Q.75 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. KN - JM
- ✓ B. MP - PU
- ✗ C. OR - NQ
- ✗ D. NQ - MP

Question ID : **441009819654**
Option 1 ID : **4410093232740**
Option 2 ID : **4410093232741**
Option 3 ID : **4410093232742**
Option 4 ID : **4410093232739**
Status : **Answered**
Chosen Option : **B**

Q.76 19 is related to 57 in a certain way. Following the same way, 25 is related to 75. To which of the following is 10 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✓ A. 30
- ✗ B. 34
- ✗ C. 33
- ✗ D. 31

Question ID : **441009530249**
Option 1 ID : **4410092076403**
Option 2 ID : **4410092076400**
Option 3 ID : **4410092076401**
Option 4 ID : **4410092076402**
Status : **Answered**
Chosen Option : **A**

Q.77 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 E Ω C D (Right)

How many such symbols are there, each of which is immediately preceded by a letter and immediately followed by a number?

Ans
- ✗ A. Two
- ✓ B. One
- ✗ C. None
- ✗ D. Three

Question ID : **441009792400**
Option 1 ID : **4410093123601**
Option 2 ID : **4410093123600**
Option 3 ID : **4410093123599**
Option 4 ID : **4410093123602**
Status : **Answered**
Chosen Option : **B**

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Q.78 Saksham starts from Point A and drives 18 km towards north. He then takes a left turn, drives 15 km, turns left and drives 21 km. He then takes a left turn and drives 17 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
✗ A. 1 km towards north
✓ B. 2 km towards west
✗ C. 3 km towards west
✗ D. 4 km towards east

Question ID : **441009761010**
Option 1 ID : **4410092998033**
Option 2 ID : **4410092998034**
Option 3 ID : **4410092998035**
Option 4 ID : **4410092998036**
Status : **Answered**
Chosen Option : **B**

Q.79 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

CJM : EHO
GLN : IJP

Ans
✗ A. CFO : EHM
✗ B. FKM : GMO
✓ C. BPW : DNY
✗ D. DGL : EOH

Question ID : **441009813881**
Option 1 ID : **4410093209648**
Option 2 ID : **4410093209650**
Option 3 ID : **4410093209649**
Option 4 ID : **4410093209647**
Status : **Answered**
Chosen Option : **C**

Q.80 This question is based on the following words.
POR MIC HAS WET
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. One
✗ B. Four
✗ C. Two
✓ D. Three

Question ID : **441009797082**
Option 1 ID : **4410093142330**
Option 2 ID : **4410093142327**
Option 3 ID : **4410093142329**
Option 4 ID : **4410093142328**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

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Q.81 Which national campaign is being strengthened in 2026 to address the problem of drug abuse among the youth in India?

Ans

✗ A. Startup India Scheme

✗ B. Digital India Programme

✗ C. Fit India Movement

✓ D. Nasha Mukt Bharat Abhiyan

Question ID : **4410092009246**
Option 1 ID : **4410097912256**
Option 2 ID : **4410097912257**
Option 3 ID : **4410097912254**
Option 4 ID : **4410097912255**
Status : **Answered**
Chosen Option : **D**

Q.82 The State Disaster Management Authority selected in the Institutional Category for the Subhash Chandra Bose Aapda Prabandhan Puraskar 2026 had belonged to which state?

Ans

✓ A. Sikkim

✗ B. Himachal Pradesh

✗ C. Assam

✗ D. Uttarakhand

Question ID : **4410092008554**
Option 1 ID : **4410097909494**
Option 2 ID : **4410097909497**
Option 3 ID : **4410097909495**
Option 4 ID : **4410097909496**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Which player won the 2026 Australian Open women's singles title, claiming her second Grand Slam—her first being Wimbledon 2022?

Ans

✓ A. Elena Rybakina

✗ B. Iga Świątek

✗ C. Aryna Sabalenka

✗ D. Jessica Pegula

Question ID : **4410092009019**
Option 1 ID : **4410097911352**
Option 2 ID : **4410097911351**
Option 3 ID : **4410097911350**
Option 4 ID : **4410097911353**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.84 The "Khelo India Tribal Games 2026", which focused on promoting indigenous and traditional Indian sports, was held in which Indian state?

Ans

✗ A. Odisha

✗ B. Madhya Pradesh

✓ C. Chhattisgarh

✗ D. Jharkhand

Question ID : **4410092008977**
Option 1 ID : **4410097911182**
Option 2 ID : **4410097911185**
Option 3 ID : **4410097911184**
Option 4 ID : **4410097911183**
Status : **Answered**
Chosen Option : **C**

Q.85 In 2026, the state of Andhra Pradesh specially compiled the works of a legendary Carnatic composer who was posthumously awarded the Padma Shri. Which individual's spiritual and classical compositions were honored in this manner?

Ans

✗ A. Dr. Mandolin U. Srinivas

✓ B. Shri Garimella Balakrishna Prasad

✗ C. Pt. Ajay Pohankar

✗ D. Ms. Sudha Raghunathan

Question ID : **4410092011360**
Option 1 ID : **4410097920252**
Option 2 ID : **4410097920253**
Option 3 ID : **4410097920251**
Option 4 ID : **4410097920250**
Status : **Not Answered**
Chosen Option : **--**

Q.86 In March 2026, the Publications Division of the Ministry of Information and Broadcasting released which latest annual reference publication in both English and Hindi?

Ans

✗ A. Governance in India: Annual Review

✗ B. India 2047: A Development Report

✗ C. New India: Policy and Progress

✓ D. Bharat 2026: A Reference Annual

Question ID : **4410092008966**
Option 1 ID : **4410097911140**
Option 2 ID : **4410097911139**
Option 3 ID : **4410097911141**
Option 4 ID : **4410097911138**
Status : **Not Answered**
Chosen Option : **--**

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Q.87 In January 2026, which rural development scheme was launched by the Gujarat government to provide urban-like facilities in villages?

Ans

✗ A. Mukhyamantri Gramvikas Yojana

✓ B. Mukhyamantri Gramotthan Yojana

✗ C. Mukhyamantri Shaheri Vikas Yojana

✗ D. Mukhyamantri Gramkalyan Yojana

Question ID : **4410092009226**
Option 1 ID : **4410097912176**
Option 2 ID : **4410097912177**
Option 3 ID : **4410097912174**
Option 4 ID : **4410097912175**
Status : **Answered**
Chosen Option : **B**

Q.88 Which institution launched the Central Prabhari Officer (CPO) Portal in May 2026 to strengthen real-time governance, stakeholder coordination, and last-mile delivery under the Aspirational Districts and Blocks Programme?

Ans

✗ A. National Informatics Centre

✗ B. National Human Rights Commission

✗ C. Department of Administrative Reforms and Public Grievances

✓ D. NITI Aayog

Question ID : **4410091992756**
Option 1 ID : **4410097848601**
Option 2 ID : **4410097848602**
Option 3 ID : **4410097848603**
Option 4 ID : **4410097848604**
Status : **Answered**
Chosen Option : **C**

Q.89 Which player was conferred the title of India's 94th Chess Grandmaster in March 2026?

Ans

✗ A. D Gukesh

✓ B. Mayank Chakraborty

✗ C. Arjun Erigaisi

✗ D. R Praggnanandhaa

Question ID : **4410092009214**
Option 1 ID : **4410097912127**
Option 2 ID : **4410097912126**
Option 3 ID : **4410097912129**
Option 4 ID : **4410097912128**
Status : **Answered**
Chosen Option : **C**

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Q.90 What was the official theme of Earth Day 2026, an environmental awareness movement that was born on 22 April 1970 and initiated by U.S. Senator Gaylord Nelson?

Ans

✗ A. Invest in Our Planet

✗ B. Restore Our Earth

✗ C. Planet vs. Plastics

✓ D. Our Power, Our Planet

Question ID : **4410091983501**
Option 1 ID : **4410097812624**
Option 2 ID : **4410097812622**
Option 3 ID : **4410097812621**
Option 4 ID : **4410097812623**
Status : **Answered**
Chosen Option : **D**

Q.91 The 21st Edition of the Global Risks Report 2026 was released by which of the following organizations?

Ans

✗ A. International Monetary Fund

✗ B. World Bank

✓ C. World Economic Forum

✗ D. United Nations Development Programme

Question ID : **4410092008273**
Option 1 ID : **4410097908372**
Option 2 ID : **4410097908370**
Option 3 ID : **4410097908373**
Option 4 ID : **4410097908371**
Status : **Answered**
Chosen Option : **C**

Q.92 In December 2025, which organisation successfully tested a high-speed indigenous fighter jet escape system?

Ans

✗ A. Bharat Heavy Electricals Limited (BHEL)

✓ B. Defence Research and Development Organisation (DRDO)

✗ C. Hindustan Aeronautics Limited (HAL)

✗ D. Indian Space Research Organisation (ISRO)

Question ID : **4410091583018**
Option 1 ID : **4410096253427**
Option 2 ID : **4410096253424**
Option 3 ID : **4410096253426**
Option 4 ID : **4410096253425**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.93 In 2026, India achieved a major milestone under the National Quantum Mission. What was this landmark achievement?

Ans
✔ A. Completing 1,000 kms of secure quantum communication.
✘ B. Developing a quantum internet for the Mumbai financial district.
✘ C. Achieving quantum supremacy in computational speed.
✘ D. Launching the world's first quantum computing satellite.

Question ID : **4410092008765**
Option 1 ID : **4410097910335**
Option 2 ID : **4410097910337**
Option 3 ID : **4410097910336**
Option 4 ID : **4410097910334**
Status : **Not Answered**
Chosen Option : **--**

Q.94 Who had assumed charge as the Deputy Governor of the Reserve Bank of India (RBI) in May 2026 for a tenure of three years following the retirement of T. Rabi Sankar?

Ans
✘ A. Rakesh Sinha
✘ B. Rohit Sharma
✔ C. Rohit Jain
✘ D. Rajesh Kumar

Question ID : **4410092008549**
Option 1 ID : **4410097909476**
Option 2 ID : **4410097909477**
Option 3 ID : **4410097909474**
Option 4 ID : **4410097909475**
Status : **Answered**
Chosen Option : **C**

Q.95 The 2026 World Athletics Indoor Championships (20–22 March 2026), where Armand "Mondo" Duplantis won his fourth consecutive indoor pole vault title, was held at the Kujawsko-Pomorska Arena in which city?

Ans
✔ A. Toruń, Poland
✘ B. Kraków, Poland
✘ C. Gdańsk, Poland
✘ D. Warsaw, Poland

Question ID : **4410092009022**
Option 1 ID : **4410097911364**
Option 2 ID : **4410097911363**
Option 3 ID : **4410097911365**
Option 4 ID : **4410097911362**
Status : **Not Answered**
Chosen Option : **--**

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Q.96 Vajra Prahar conducted from February 24 to March 16, 2026, at the Special Forces Training School, Bakloh, Himachal Pradesh, was organised as a bilateral Special Forces military drill between India and which country?

Ans

✗ A. France

✗ B. Australia

✓ C. United States

✗ D. Russia

Question ID : **4410092008252**
Option 1 ID : **4410097908289**
Option 2 ID : **4410097908287**
Option 3 ID : **4410097908286**
Option 4 ID : **4410097908288**
Status : **Answered**
Chosen Option : **C**

Q.97 In April 2026, which organization launched the strategic roadmap "DPI@2047 for Viksit Bharat"?

Ans

✗ A. Ministry of Electronics and Information Technology

✓ B. National Institution for Transforming India

✗ C. Telecom Regulatory Authority of India

✗ D. Securities and Exchange Board of India Organization

Question ID : **4410092009200**
Option 1 ID : **4410097912071**
Option 2 ID : **4410097912072**
Option 3 ID : **4410097912070**
Option 4 ID : **4410097912073**
Status : **Not Answered**
Chosen Option : **--**

Q.98 The Viksit Bharat – Guarantee for Rozgar and Ajeevika Mission (Gramin) (VB-G RAM G) Act introduced in December 2025 included:

Ans

✗ A. Complete privatisation of rural employment delivery

✗ B. Replacement of DBT with food-grain transfers

✓ C. Increasing guaranteed workdays from 100 to 125

✗ D. Limiting participation to agricultural labourers only

Question ID : **4410091998309**
Option 1 ID : **4410097869847**
Option 2 ID : **4410097869846**
Option 3 ID : **4410097869845**
Option 4 ID : **4410097869848**
Status : **Answered**
Chosen Option : **C**

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Q.99 Following the 2026 West Bengal Legislative Assembly Elections, who was sworn in as the first BJP Chief Minister of West Bengal on May 9, 2026?

Ans
- ✗ A. Agnimitra Paul
- ✗ B. Dilip Ghosh
- ✗ C. Locket Chatterjee
- ✓ D. Suvendu Adhikari

Question ID : **4410092008988**
Option 1 ID : **4410097911228**
Option 2 ID : **4410097911227**
Option 3 ID : **4410097911229**
Option 4 ID : **4410097911226**
Status : **Answered**
Chosen Option : **D**

Q.10 0 In 2026, the Government of India notified amendments to the Plastic Waste Management Rules, making it mandatory for producers and brand owners to use what type of material in plastic packaging to promote circular economy practices?

Ans
- ✗ A. Imported compostable packaging material
- ✓ B. Recycled plastic content
- ✗ C. Bamboo-based polymer substitutes
- ✗ D. Biodegradable metallic coatings

Question ID : **4410092008952**
Option 1 ID : **4410097911085**
Option 2 ID : **4410097911083**
Option 3 ID : **4410097911084**
Option 4 ID : **4410097911082**
Status : **Not Answered**
Chosen Option : **--**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	A92500514626
Roll Number	119255123183977
Candidate Name	TANISHK SHARMA
Community	EWS
Test Center Name	iON Digital Zone iDZ Sitapura 1
Test Date	14/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailWay BABA

Section : **General Science**

Q.1 A student accidentally spills a small amount of dilute sulfuric acid on the laboratory table. The teacher suggests adding sodium bicarbonate powder to neutralize the acid. Which product confirms that a neutralization reaction has occurred?

Ans

✔ A. Formation of carbon dioxide and salt

✘ B. Formation of hydrogen gas

✘ C. Formation of metal oxide

✘ D. Formation of oxygen gas

Question ID : **4410091825944**
Option 1 ID : **4410097198031**
Option 2 ID : **4410097198033**
Option 3 ID : **4410097198032**
Option 4 ID : **4410097198030**
Status : **Answered**
Chosen Option : **A**

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Q.2 Why can humans NOT hear the sound produced by a bat?

Ans

✗ A. The sound travels only in water.

✗ B. The frequency of bat sounds is below 20 Hz.

✗ C. The sound is too loud for humans.

✓ D. The frequency of bat sounds is above 20,000 Hz.

Question ID : **4410092045999**
Option 1 ID : **4410098056072**
Option 2 ID : **4410098056069**
Option 3 ID : **4410098056071**
Option 4 ID : **4410098056070**
Status : **Answered**
Chosen Option : **D**

Q.3 Which of the following organs is most commonly affected by smoking tobacco products?

Ans

✗ A. Intestine

✓ B. Lungs

✗ C. Brain

✗ D. Pancreas

Question ID : **4410091981883**
Option 1 ID : **4410097806358**
Option 2 ID : **4410097806360**
Option 3 ID : **4410097806361**
Option 4 ID : **4410097806359**
Status : **Answered**
Chosen Option : **B**

Q.4 When an object is placed at $2F_1$ of a convex lens, where is the image formed?

Ans

✗ A. Between F_2 and $2F_2$

✓ B. At $2F_2$

✗ C. At infinity

✗ D. At F_2

Question ID : **4410091282006**
Option 1 ID : **4410095059863**
Option 2 ID : **4410095059861**
Option 3 ID : **4410095059862**
Option 4 ID : **4410095059860**
Status : **Answered**
Chosen Option : **B**

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Q.5 **A student classifies animals in a diagram by both activity time (day/night) and visible characteristics. Which statement best shows what combining these criteria demonstrates about scientific classification?**

Ans
- ✗ A. It always focuses on genetics
- ✗ B. It creates unique groups
- ✗ C. It eliminates overlaps
- ✓ D. It allows for multiple perspectives

Question ID : **4410091978176**
Option 1 ID : **4410097791603**
Option 2 ID : **4410097791605**
Option 3 ID : **4410097791606**
Option 4 ID : **4410097791604**
Status : **Answered**
Chosen Option : **A**

Q.6 **What does the fact that movement in a plant occurs away from the point of touch suggest about plant coordination?**

Ans
- ✗ A. Photosynthesis
- ✓ B. Signal transmission
- ✗ C. Growth stimulation
- ✗ D. Water absorption

Question ID : **4410092045301**
Option 1 ID : **4410098053289**
Option 2 ID : **4410098053286**
Option 3 ID : **4410098053287**
Option 4 ID : **4410098053288**
Status : **Answered**
Chosen Option : **C**

Q.7 **Complete the analogy.**
Light Microscope: Visible Light:: Electron Microscope: _____.

Ans
- ✗ A. Ultraviolet Light
- ✓ B. Electron Beam
- ✗ C. X rays
- ✗ D. Laser Light

Question ID : **4410091965585**
Option 1 ID : **4410097742613**
Option 2 ID : **4410097742614**
Option 3 ID : **4410097742615**
Option 4 ID : **4410097742612**
Status : **Answered**
Chosen Option : **B**

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Q.8 What is the primary reason water moves into the phloem tissue after sucrose is actively loaded into it in plants?

Ans
- ✔ A. The increase in osmotic pressure draws water into the phloem
- ✘ B. Pressure equalizes between phloem and xylem tissues
- ✘ C. Increased ATP usage raises the temperature in the phloem
- ✘ D. Water moves to phloem due to root pressure buildup

Question ID : **4410092045258**
Option 1 ID : **4410098053117**
Option 2 ID : **4410098053115**
Option 3 ID : **4410098053116**
Option 4 ID : **4410098053114**
Status : **Answered**
Chosen Option : **A**

Q.9 In a tug-of-war, Team A pulls Team B with a force of 300 N. According to Newton's Third Law, what force does Team B exert on Team A?

Ans
- ✘ A. 300 N in the same direction
- ✘ B. 150 N in the same direction
- ✘ C. 600 N in the opposite direction
- ✔ D. 300 N in the opposite direction

Question ID : **4410092046139**
Option 1 ID : **4410098056629**
Option 2 ID : **4410098056630**
Option 3 ID : **4410098056631**
Option 4 ID : **4410098056632**
Status : **Answered**
Chosen Option : **D**

Q.10 When a metal reacts with a dilute acid, hydrogen gas is released. What is the compound formed along with hydrogen gas called?

Ans
- ✘ A. Oxide
- ✘ B. Water
- ✘ C. Base
- ✔ D. Salt

Question ID : **4410091721391**
Option 1 ID : **4410096788788**
Option 2 ID : **4410096788789**
Option 3 ID : **4410096788787**
Option 4 ID : **4410096788786**
Status : **Answered**
Chosen Option : **A**

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Q.11 Which of the following pairs is correctly matched?

Ans

✗ A. Ag – Argon

✗ B. Au – Aluminum

✓ C. Pb – Lead

✗ D. Fe – Fluorine

Question ID : **4410091633411**
Option 1 ID : **4410096451756**
Option 2 ID : **4410096451757**
Option 3 ID : **4410096451755**
Option 4 ID : **4410096451754**
Status : **Answered**
Chosen Option : **C**

Q.12 On a velocity-time graph, what does a horizontal straight line above the time axis indicate about the motion of the object?

Ans

✓ A. Constant velocity

✗ B. Increasing velocity

✗ C. Changing direction

✗ D. Constant acceleration

Question ID : **4410092046146**
Option 1 ID : **4410098056657**
Option 2 ID : **4410098056660**
Option 3 ID : **4410098056659**
Option 4 ID : **4410098056658**
Status : **Answered**
Chosen Option : **A**

Q.13 A technician reverses the direction of current in a conductor placed in a magnetic field. According to Fleming's Left Hand Rule, what will happen to the direction of force on the conductor?

Ans

✗ A. The force will disappear

✗ B. The force will always increase

✗ C. The force direction will remain unchanged

✓ D. The force direction will reverse

Question ID : **4410092046066**
Option 1 ID : **4410098056337**
Option 2 ID : **4410098056339**
Option 3 ID : **4410098056340**
Option 4 ID : **4410098056338**
Status : **Answered**
Chosen Option : **D**

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Q.14 A diver jumps off a diving board into a pool. At the moment just before entering the water, which statement best applies according to the law of conservation of energy?

Ans

✗ A. The diver's total energy increases during the fall

✗ B. The diver loses energy during the fall to the surroundings

✓ C. The diver's loss in potential energy equals the gain in kinetic energy

✗ D. The diver's potential energy stays the same throughout

Question ID : **4410092046052**
Option 1 ID : **4410098056282**
Option 2 ID : **4410098056281**
Option 3 ID : **4410098056284**
Option 4 ID : **4410098056283**
Status : **Answered**
Chosen Option : **C**

Q.15 Which of the following phenomena is explained by Bohr's model?

Ans

✗ A. Diffraction of proton

✗ B. Diffraction of neutron

✓ C. Hydrogen line spectrum

✗ D. Rutherford scattering

Question ID : **4410091028364**
Option 1 ID : **4410094065090**
Option 2 ID : **4410094065093**
Option 3 ID : **4410094065092**
Option 4 ID : **4410094065091**
Status : **Answered**
Chosen Option : **C**

Q.16 A student observes green mats growing on rocks in a damp forest. They have rhizoid-like structures but lack true roots. Which class do these plants most likely represent?

Ans

✗ A. Pteridophyta

✗ B. Gymnosperm

✓ C. Bryophyta

✗ D. Thallophyta

Question ID : **4410091982455**
Option 1 ID : **4410097808633**
Option 2 ID : **4410097808636**
Option 3 ID : **4410097808635**
Option 4 ID : **4410097808634**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.17 What do methane, ethane and propane represent in the study of carbon compounds?

Ans

✗ A. Chains containing aromatic carbon atoms

✗ B. Chains containing single carbon atom

✗ C. Chains containing mixed metal atoms

✓ D. Chains containing increasing carbon atoms

Question ID : **4410091385935**
Option 1 ID : **4410095474450**
Option 2 ID : **4410095474447**
Option 3 ID : **4410095474449**
Option 4 ID : **4410095474448**
Status : **Answered**
Chosen Option : **B**

Q.18 What is the role of decomposers in an ecosystem?

Ans

✗ A. Bring about the death of plants

✓ B. Break down dead remains of organisms

✗ C. Synthesize organic substances from inorganic substances

✗ D. Convert light energy into chemical energy

Question ID : **4410091978798**
Option 1 ID : **4410097794092**
Option 2 ID : **4410097794093**
Option 3 ID : **4410097794091**
Option 4 ID : **4410097794094**
Status : **Answered**
Chosen Option : **C**

Q.19 A chemist is designing a synthetic route for a new medicine and must select a carbon compound as the starting material. Which property of carbon allows it to form a wide variety of organic molecules suitable for this task?

Ans

✓ A. Carbon's ability to form four strong covalent bonds

✗ B. Carbon's ability to attract electrons strongly

✗ C. Carbon's ability to form double bonds with oxygen

✗ D. Carbon's ability to lose electrons easily

Question ID : **4410091787928**
Option 1 ID : **4410097050304**
Option 2 ID : **4410097050303**
Option 3 ID : **4410097050302**
Option 4 ID : **4410097050305**
Status : **Answered**
Chosen Option : **A**

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Q.20 What form of energy does a glowing bulb emit?

Ans
✗ A. Gravitational energy
✓ B. Light energy
✗ C. Chemical energy
✗ D. Sound energy

Question ID : **4410092046038**
Option 1 ID : **4410098056226**
Option 2 ID : **4410098056225**
Option 3 ID : **4410098056228**
Option 4 ID : **4410098056227**
Status : **Answered**
Chosen Option : **B**

Q.21 Identify the correct statement regarding the reaction of sodium carbonate and dilute HCl.

Ans
✗ A. Chlorine is released.
✗ B. Hydrogen is released.
✓ C. Carbon dioxide is released.
✗ D. Carbon monoxide is released.

Question ID : **441009874701**
Option 1 ID : **4410093452308**
Option 2 ID : **4410093452307**
Option 3 ID : **4410093452306**
Option 4 ID : **4410093452305**
Status : **Answered**
Chosen Option : **C**

Q.22 The measure of an image's clarity is called _____, whereas _____ is the brightness difference between object parts.

Ans
✗ A. magnification, illumination
✗ B. illumination, magnification
✓ C. resolution, contrast
✗ D. contrast, resolution

Question ID : **4410091965590**
Option 1 ID : **4410097742639**
Option 2 ID : **4410097742636**
Option 3 ID : **4410097742637**
Option 4 ID : **4410097742638**
Status : **Answered**
Chosen Option : **A**

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Q.23 Which of the following graphs best represents Ohm's Law for a resistor at constant temperature?

Ans

✗ A. A curved line graph passing through the origin when current is plotted against voltage

✗ B. A horizontal line graph when current is plotted against voltage

✓ C. A straight line graph passing through the origin when current is plotted against voltage

✗ D. A straight line graph not passing through the origin when current is plotted against voltage

Question ID : **4410092045866**
Option 1 ID : **4410098055539**
Option 2 ID : **4410098055540**
Option 3 ID : **4410098055537**
Option 4 ID : **4410098055538**
Status : **Answered**
Chosen Option : **C**

Q.24 Which of the following changes will most likely reduce the clarity of an echo in a large room?

Ans

✗ A. Making the room larger

✓ B. Adding thick curtains to the walls

✗ C. Painting the walls a light colour

✗ D. Installing smooth ceramic tiles

Question ID : **4410092046017**
Option 1 ID : **4410098056144**
Option 2 ID : **4410098056141**
Option 3 ID : **4410098056143**
Option 4 ID : **4410098056142**
Status : **Answered**
Chosen Option : **B**

Q.25 Who was the first scientist to use the term 'element'?

Ans

✗ A. JJ Thomson

✗ B. Antoine Lavoisier

✓ C. Robert Boyle

✗ D. John Dalton

Question ID : **4410091386051**
Option 1 ID : **4410095474910**
Option 2 ID : **4410095474909**
Option 3 ID : **4410095474907**
Option 4 ID : **4410095474908**
Status : **Answered**
Chosen Option : **C**

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Section : **Mathematics**

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Q.26 The number of students in a class is a prime number greater than 50 but less than 58. How many students are there in the class?

Ans
✗ A. 55
✗ B. 57
✗ C. 52
✓ D. 53

Question ID : **4410091727413**
Option 1 ID : **4410096812244**
Option 2 ID : **4410096812245**
Option 3 ID : **4410096812243**
Option 4 ID : **4410096812246**
Status : **Answered**
Chosen Option : **D**

Q.27 If x:(y+z)=3:8, y:(x+z)=4:11, and x+y+z=4950, then find the value of z−y.

Ans
✗ A. 720
✗ B. 1080
✗ C. 840
✓ D. 960

Question ID : **4410091442331**
Option 1 ID : **4410095697969**
Option 2 ID : **4410095697972**
Option 3 ID : **4410095697970**
Option 4 ID : **4410095697971**
Status : **Not Answered**
Chosen Option : **--**

Q.28 From the following data, what is the value of the median?

18, 20, 21, 25, 26, 23 ,29 ,32, 41, 33, 39

Ans
✗ A. 32
✗ B. 29
✓ C. 26
✗ D. 25

Question ID : **441009337212**
Option 1 ID : **4410091314855**
Option 2 ID : **4410091314854**
Option 3 ID : **4410091314853**
Option 4 ID : **4410091314852**
Status : **Answered**
Chosen Option : **C**

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Q.29 Arvind bought an article for ₹x. He sold it to Biru at a loss of 19%. Biru spent ₹166 on its transportation and sold it to Minu at a profit of 35%. If Minu bought it for ₹1,755, then what is the value of x?

Ans
✗ A. 1,450
✗ B. 1,350
✓ C. 1,400
✗ D. 1,500

Question ID : **441009537815**
Option 1 ID : **4410092106658**
Option 2 ID : **4410092106657**
Option 3 ID : **4410092106656**
Option 4 ID : **4410092106659**
Status : **Not Answered**
Chosen Option : **--**

Q.30 The value of $\sin^2 42° + \sin^2 48° + \sec^2 30° - \cot^2 45°$ is:

Ans
✓ A. $\frac{4}{3}$
✗ B. $\frac{3}{4}$
✗ C. $\frac{2}{3}$
✗ D. 1

Question ID : **441009592372**
Option 1 ID : **4410092324606**
Option 2 ID : **4410092324605**
Option 3 ID : **4410092324608**
Option 4 ID : **4410092324607**
Status : **Answered**
Chosen Option : **A**

Q.31 The cost of a washing machine is 50% less than the cost of a TV. If the cost of the washing machine increases by 81% and that of the TV decreases by 47%, then what is the percentage change in the total cost of 4 washing machines and 3 TVs?

Ans
✗ A. Decrease by 5.4%
✗ B. Increase by 3.2%
✗ C. Decrease by 2.1%
✓ D. Increase by 4.2%

Question ID : **441009537041**
Option 1 ID : **4410092103563**
Option 2 ID : **4410092103562**
Option 3 ID : **4410092103561**
Option 4 ID : **4410092103560**
Status : **Not Answered**
Chosen Option : **--**

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Q.32 In ΔABC, $\angle C = 90°$, and $\tan A = \sqrt{6}$, then find the value of $\sin A$?

Ans
✔ A. $\frac{6}{7}$
✘ B. 1
✘ C. $\frac{\sqrt{3}}{2}$
✘ D. 0

Question ID : **441009601903**
Option 1 ID : **4410092362732**
Option 2 ID : **4410092362730**
Option 3 ID : **4410092362731**
Option 4 ID : **4410092362729**
Status : **Answered**
Chosen Option : **D**

Q.33 A common external tangent is drawn to two circles of radius r units ea
common tangent is 2r units. The distance between the centres of the c

Ans
✘ A. $3r$
✘ B. $4r$
✘ C. r
✔ D. $2r$

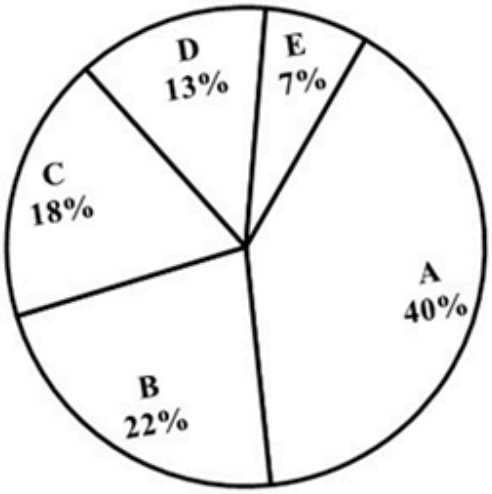
Question ID : **441009592152**
Option 1 ID : **4410092323728**
Option 2 ID : **4410092323727**
Option 3 ID : **4410092323726**
Option 4 ID : **4410092323725**
Status : **Answered**
Chosen Option : **D**

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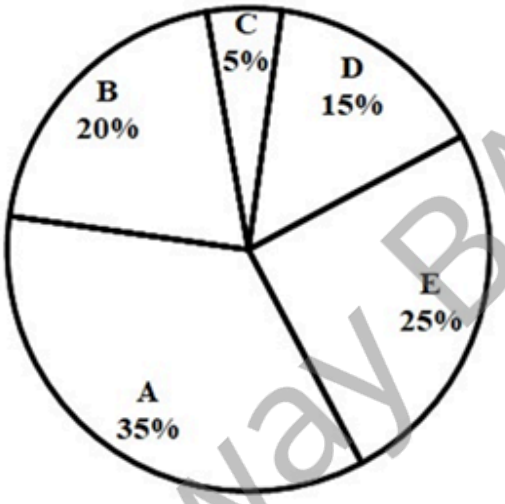
Q.34 Study the two pie-charts given below and answer the question that follows.

MARCH MONTH'S SALARY: ₹ 34000



A - Education
B - Savings
C - Grocery
D - Electricity and Phone Bills
E - Miscellaneous

APRIL MONTH'S SALARY: ₹ 35000



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Find the ratio of the amount spent for education from March's salary and that spent for grocery from April's salary.

Ans
✗ A. 272:33
✗ B. 271:33
✓ C. 272:35
✗ D. 271:35

Question ID : **4410091502508**
Option 1 ID : **4410095934368**
Option 2 ID : **4410095934369**
Option 3 ID : **4410095934366**
Option 4 ID : **4410095934367**
Status : **Answered**
Chosen Option : **C**

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Q.35 Find the simple interest (in ₹) on a sum of ₹600 borrowed for 2.5 years at a rate of interest of 4% per annum.

Ans
✔ A. 60
✘ B. 50
✘ C. 40
✘ D. 70

Question ID : **441009851726**
Option 1 ID : **4410093359876**
Option 2 ID : **4410093359877**
Option 3 ID : **4410093359878**
Option 4 ID : **4410093359879**
Status : **Answered**
Chosen Option : **A**

Q.36 Simplify 32 − 5 of (17 − 12) + 4 × 7 − 6 ÷ 3.

Ans
✘ A. 32
✘ B. 31
✘ C. 35
✔ D. 33

Question ID : **441009979376**
Option 1 ID : **4410093870049**
Option 2 ID : **4410093870050**
Option 3 ID : **4410093870047**
Option 4 ID : **4410093870048**
Status : **Answered**
Chosen Option : **D**

Q.37 The company has two options to pack a certain item.
Box A: Cubical box of side 5 cm
Box B: Cuboidal box of l = 6 cm, b = 4 cm and h = 3 cm.
The cost of cardboard required to make boxes is ₹10/cm^2. However, box A uses 10% more cardboard while box B uses 15% more cardboard due to fold and turns.
Which box will the company prefer to minimise the total cost of cardboard and what is the cost of making it?

Ans
✘ A. Box B: ₹1800
✘ B. Box A: ₹1650
✔ C. Box B: ₹1242
✘ D. Box A: ₹1500

Question ID : **44100924926**
Option 1 ID : **44100999416**
Option 2 ID : **44100999415**
Option 3 ID : **44100999414**
Option 4 ID : **44100999413**
Status : **Answered**
Chosen Option : **C**

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Q.38 The distance between two cities A and B is 120 km. A motorcycle rider starts from A towards B at 8 am at a speed of 21 km/h. Another motorcyclist starts from B towards A at 9 am at a speed of 34 km/h. At what time (in 12-hour clock format) will they cross each other?

Ans
✔ A. 10:48 am
✘ B. 10:15 am
✘ C. 11:10 am
✘ D. 11:20 am

Question ID : **441009486899**
Option 1 ID : **4410091902990**
Option 2 ID : **4410091902991**
Option 3 ID : **4410091902992**
Option 4 ID : **4410091902993**
Status : **Answered**
Chosen Option : **A**

Q.39 What will be the compound interest on a sum of ₹10,176 after 3 years at the rate of 25% per annum, interest being compounded annually?

Ans
✘ A. ₹9,799
✘ B. ₹9,899
✘ C. ₹9,999
✔ D. ₹9,699

Question ID : **4410091983285**
Option 1 ID : **4410097811822**
Option 2 ID : **4410097811823**
Option 3 ID : **4410097811824**
Option 4 ID : **4410097811821**
Status : **Answered**
Chosen Option : **D**

Q.40 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 18% and 65%, shop II allows successive discounts of 56% and 86%, shop III allows successive discounts of 53% and 69% and shop IV allows successive discounts of 15%, 60% and 65% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
✘ A. I
✘ B. IV
✘ C. III
✔ D. II

Question ID : **441009536882**
Option 1 ID : **4410092102926**
Option 2 ID : **4410092102927**
Option 3 ID : **4410092102925**
Option 4 ID : **4410092102924**
Status : **Answered**
Chosen Option : **B**

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Q.41 A vessel contains a mixture of orange juice and water in the ratio 3:5. How many litres should be replaced with water so that the ratio becomes 2:5, given the total mix is 168 L?

Ans
✗ A. 42 L
✗ B. 38 L
✓ C. 40 L
✗ D. 45 L

Question ID : **4410091714567**
Option 1 ID : **4410096762183**
Option 2 ID : **4410096762184**
Option 3 ID : **4410096762182**
Option 4 ID : **4410096762185**
Status : **Not Answered**
Chosen Option : **--**

Q.42 If x, 2.6, 5.2 and 10.4 are in proportion, what is the value of x?

Ans
✗ A. 1.8
✗ B. 1.2
✗ C. 2.4
✓ D. 1.3

Question ID : **4410091986607**
Option 1 ID : **4410097824499**
Option 2 ID : **4410097824500**
Option 3 ID : **4410097824498**
Option 4 ID : **4410097824497**
Status : **Answered**
Chosen Option : **D**

Q.43 The surface area of a sphere is numerically equal to the volume of another sphere. If the radius of the first sphere is 7 cm, find the radius (in cm) of the second sphere.

Ans
✗ A. $\sqrt[3]{174}$
✓ B. $\sqrt[3]{147}$
✗ C. $\sqrt{147}$
✗ D. $\sqrt{174}$

Question ID : **4410091696146**
Option 1 ID : **4410096690503**
Option 2 ID : **4410096690505**
Option 3 ID : **4410096690502**
Option 4 ID : **4410096690504**
Status : **Answered**
Chosen Option : **B**

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Q.44 Six years ago, A's age was half of what his age will be six years from now. What is A's present age?

Ans
✗ A. 24 years
✓ B. 18 years
✗ C. 12 years
✗ D. 13 years

Question ID : **441009979499**
Option 1 ID : **4410093870523**
Option 2 ID : **4410093870524**
Option 3 ID : **4410093870525**
Option 4 ID : **4410093870526**
Status : **Answered**
Chosen Option : **B**

Q.45 Yuvraj deposited a certain sum of money at 20% rate of interest per annum, compounded annually. At the end of 2 years, Yuvraj received a total amount of ₹34,668. What was the sum of money deposited by Yuvraj?

Ans
✗ A. ₹23,790
✓ B. ₹24,075
✗ C. ₹23,641
✗ D. ₹23,925

Question ID : **441009571822**
Option 1 ID : **4410092242410**
Option 2 ID : **4410092242408**
Option 3 ID : **4410092242411**
Option 4 ID : **4410092242409**
Status : **Answered**
Chosen Option : **A**

Q.46 Given that $94^{0.8} = x$, $94^{0.03} = y$ and $x^z = y^2$, then the value of z is:

Ans
✗ A. 1.175
✗ B. 0.625
✗ C. 1.225
✓ D. 0.075

Question ID : **441009536554**
Option 1 ID : **4410092101615**
Option 2 ID : **4410092101613**
Option 3 ID : **4410092101614**
Option 4 ID : **4410092101612**
Status : **Answered**
Chosen Option : **D**

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Q.47 In a town, 75% of the registered voters cast their votes in an election contested by candidates X and Y. Candidate X won the election by 840 votes. If candidate Y had received 50% more votes, the election would have resulted in a tie. Find the total number of registered voters in the town.

Ans
✗ A. 5230
✓ B. 5600
✗ C. 5700
✗ D. 4800

Question ID : **4410091986228**
Option 1 ID : **4410097823078**
Option 2 ID : **4410097823077**
Option 3 ID : **4410097823079**
Option 4 ID : **4410097823080**
Status : **Not Answered**
Chosen Option : **--**

Q.48 A car travels from city A to city B at 30 km/hr and returns at 45 km/hr. Find the average speed for the entire trip.

Ans
✗ A. 35 km/hr
✗ B. 40 km/hr
✗ C. 42 km/hr
✓ D. 36 km/hr

Question ID : **4410091452521**
Option 1 ID : **4410095738460**
Option 2 ID : **4410095738462**
Option 3 ID : **4410095738463**
Option 4 ID : **4410095738461**
Status : **Answered**
Chosen Option : **D**

Q.49 If the mean of the following data is 47, then what is the value of x?

Class	20-30	30-40	40-50	50-60	60-70
Frequency	20	29	22	32	x

Ans
✗ A. 30
✓ B. 32
✗ C. 36
✗ D. 53

Question ID : **441009622504**
Option 1 ID : **4410092444149**
Option 2 ID : **4410092444148**
Option 3 ID : **4410092444150**
Option 4 ID : **4410092444151**
Status : **Answered**
Chosen Option : **C**

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Q.50 Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 36 hours and pipe C can fill the same tank in 18 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

Ans
✗ A. 2
✓ B. 1
✗ C. 3
✗ D. 4

Question ID : **441009517467**
Option 1 ID : **4410092025288**
Option 2 ID : **4410092025287**
Option 3 ID : **4410092025289**
Option 4 ID : **4410092025290**
Status : **Answered**
Chosen Option : **B**

Section : **General Intelligence and Reasoning**

Q.51 This question is based on the given words.

TRY MAT CAN JUG

If in each of the words, each letter is changed to the second letter immediately following it in the English alphabetical order, how many words thus formed will have more than one vowel?

Ans
✗ A. Three
✗ B. Two
✗ C. One
✓ D. None

Question ID : **441009766900**
Option 1 ID : **4410093021596**
Option 2 ID : **4410093021595**
Option 3 ID : **4410093021594**
Option 4 ID : **4410093021593**
Status : **Answered**
Chosen Option : **D**

Q.52 Each of A, B, C, D, P, Q and R has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only three people have the exam between Q and B. Only three people have the exam between R and P. D has the exam on some day before A and on some day after C. Only P has the exam after B.
How many people have the exam after Q?

Ans
✗ A. Six
✓ B. Five
✗ C. Four
✗ D. Two

Question ID : **441009754649**
Option 1 ID : **4410092972592**
Option 2 ID : **4410092972591**
Option 3 ID : **4410092972590**
Option 4 ID : **4410092972589**
Status : **Answered**
Chosen Option : **B**

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Q.53 Each vowel in the word DECONGESTED is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the second letter preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
✗ A. A
✗ B. F
✗ C. E
✓ D. B

Question ID : **441009804211**
Option 1 ID : **4410093170970**
Option 2 ID : **4410093170968**
Option 3 ID : **4410093170969**
Option 4 ID : **4410093170967**
Status : **Answered**
Chosen Option : **D**

Q.54 Smita starts from Point A and drives 6 km towards north. She then takes a left turn, drives 8 km, turns left and drives 10 km. She then takes a left turn and drives 12 km. She takes a final left turn, drives 4 km and stops at Point B. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
✓ A. 4 km towards west
✗ B. 5 km towards south
✗ C. 4 km towards north
✗ D. 5 km towards east

Question ID : **441009761008**
Option 1 ID : **4410092998027**
Option 2 ID : **4410092998028**
Option 3 ID : **4410092998026**
Option 4 ID : **4410092998025**
Status : **Answered**
Chosen Option : **A**

Q.55 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. CS-LR
✗ B. VL-EK
✗ C. HX-QW
✓ D. TJ-EI

Question ID : **441009819557**
Option 1 ID : **4410093232354**
Option 2 ID : **4410093232351**
Option 3 ID : **4410093232353**
Option 4 ID : **4410093232352**
Status : **Answered**
Chosen Option : **D**

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Q.56 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: LNJ :: SUQ : %

Ans
✗ A. # = MPK, % = WVX
✗ B. # = PRO, % = VWX
✗ C. # = MPK, % = TUS
✓ D. # = IKG, % = VXT

Question ID : **441009716062**
Option 1 ID : **4410092818221**
Option 2 ID : **4410092818220**
Option 3 ID : **4410092818219**
Option 4 ID : **4410092818222**
Status : **Answered**
Chosen Option : **D**

Q.57 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LRM IOJ FLG CID ?

Ans
✗ A. ZER
✗ B. ZDS
✗ C. ZAF
✓ D. ZFA

Question ID : **4410091450474**
Option 1 ID : **4410095730380**
Option 2 ID : **4410095730381**
Option 3 ID : **4410095730379**
Option 4 ID : **4410095730378**
Status : **Answered**
Chosen Option : **D**

Q.58 Seven students, I, J, K, P, Q, R and Z, are sitting around a circular table, facing the center of the table.
Q sits to the immediate left of J. R is an immediate neighbour of both K and Z. Z sits third to the left of J. P is not an immediate neighbor of Z.
Who sits third to the right of I?

Ans
✗ A. R
✗ B. Q
✗ C. J
✓ D. P

Question ID : **441009784412**
Option 1 ID : **4410093091654**
Option 2 ID : **4410093091653**
Option 3 ID : **4410093091651**
Option 4 ID : **4410093091652**
Status : **Answered**
Chosen Option : **D**

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Q.59 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) + ? & 5 * 1 4 $ ^ / * > % @ 8 & & > / 5 8 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans
✗ A. None
✗ B. Three
✓ C. One
✗ D. Two

Question ID : **441009794584**
Option 1 ID : **4410093132335**
Option 2 ID : **4410093132338**
Option 3 ID : **4410093132336**
Option 4 ID : **4410093132337**
Status : **Answered**
Chosen Option : **C**

Q.60 In a certain code language, 'TINY' is coded as '2176' and 'ANTI' is coded as '7618'. How is 'A' coded in that language?

Ans
✗ A. 6
✗ B. 1
✓ C. 8
✗ D. 7

Question ID : **4410091571858**
Option 1 ID : **4410096208486**
Option 2 ID : **4410096208485**
Option 3 ID : **4410096208483**
Option 4 ID : **4410096208484**
Status : **Answered**
Chosen Option : **C**

Q.61 What should come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

8 ÷ 4 - 38 + 49 × 7 = ?

Ans
✗ A. 71
✗ B. 61
✗ C. 67
✓ D. 63

Question ID : **441009861664**
Option 1 ID : **4410093399697**
Option 2 ID : **4410093399694**
Option 3 ID : **4410093399696**
Option 4 ID : **4410093399695**
Status : **Answered**
Chosen Option : **D**

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Q.62 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All apples are fruits.
Some fruits are sweet.

Conclusions:
(I) Some apples are sweet.
(II) All sweet are apples.

Ans
✔ A. Neither conclusion (I) nor (II) follows
✘ B. Only conclusion (II) follows
✘ C. Only conclusion (I) follows
✘ D. Both conclusions (I) and (II) follow

Question ID : **441009798068**
Option 1 ID : **4410093146273**
Option 2 ID : **4410093146272**
Option 3 ID : **4410093146271**
Option 4 ID : **4410093146274**
Status : **Answered**
Chosen Option : **A**

Q.63 What will come in the place of '?' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?
77 ÷ 11 + 225 × 5 − 126 = ?

Ans
✘ A. 924
✘ B. 914
✔ C. 928
✘ D. 919

Question ID : **441009556851**
Option 1 ID : **4410092182720**
Option 2 ID : **4410092182718**
Option 3 ID : **4410092182721**
Option 4 ID : **4410092182719**
Status : **Answered**
Chosen Option : **C**

Q.64 35 is related to 283 following a certain logic. Following the same logic, 27 is related to 219. To which of the following is 41 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✔ A. 331
✘ B. 301
✘ C. 319
✘ D. 310

Question ID : **4410091985804**
Option 1 ID : **4410097821428**
Option 2 ID : **4410097821426**
Option 3 ID : **4410097821427**
Option 4 ID : **4410097821425**
Status : **Answered**
Chosen Option : **A**

Railway BABA

Q.65 A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
P lives on the topmost floor. Only three people live between P and G. S lives on a floor below G. A lives on an even-numbered floor. Y lives on an odd-numbered floor but not on floor number 5.
How many people live between H and G?

Ans
✗ A. Three
✗ B. One
✗ C. Four
✓ D. Two

Question ID : **4410091451259**
Option 1 ID : **4410095733510**
Option 2 ID : **4410095733508**
Option 3 ID : **4410095733511**
Option 4 ID : **4410095733509**
Status : **Answered**
Chosen Option : **D**

Q.66 In a certain code language, 'TANK' is coded as '9356' and 'AUNT' is coded as '6579'.
How is 'U' coded in that language?

Ans
✓ A. 7
✗ B. 5
✗ C. 9
✗ D. 6

Question ID : **4410091571857**
Option 1 ID : **4410096208480**
Option 2 ID : **4410096208479**
Option 3 ID : **4410096208482**
Option 4 ID : **4410096208481**
Status : **Answered**
Chosen Option : **A**

Q.67 Refer to the given letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) ∞ * R M % & H G W π R β U H # * + L ÷ V A Ω H M = A V (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?

Ans
✗ A. One
✗ B. Three
✗ C. None
✓ D. Two

Question ID : **441009792634**
Option 1 ID : **4410093124536**
Option 2 ID : **4410093124538**
Option 3 ID : **4410093124535**
Option 4 ID : **4410093124537**
Status : **Answered**
Chosen Option : **D**

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Q.68 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week starting from Monday and ending on Sunday. R has an exam on Thursday. Only two people have an exam between V and R. Only three people have an exam between U and V. T has an exam after U but before S. Q has an exam immediately before P but not on Monday. How many people have an exam between V and P?

Ans
✔ A. One
✘ B. Two
✘ C. None
✘ D. Three

Question ID : **441009774674**
Option 1 ID : **4410093052700**
Option 2 ID : **4410093052701**
Option 3 ID : **4410093052699**
Option 4 ID : **4410093052702**
Status : **Answered**
Chosen Option : **C**

Q.69 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

201 D 400 A 5 B 2 C 31 = ?

Ans
✘ A. 74
✔ B. 72
✘ C. 70
✘ D. 78

Question ID : **441009555018**
Option 1 ID : **4410092175388**
Option 2 ID : **4410092175389**
Option 3 ID : **4410092175387**
Option 4 ID : **4410092175386**
Status : **Answered**
Chosen Option : **B**

Q.70 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

24 - 32 - 42 - 54;
33 - 41 - 51 - 63

Ans
✘ A. 16 - 32 - 42 - 52
✘ B. 21 - 31 - 38 - 40
✘ C. 18 - 24 - 34 - 52
✔ D. 34 - 42 - 52 - 64

Question ID : **441009588570**
Option 1 ID : **4410092309406**
Option 2 ID : **4410092309409**
Option 3 ID : **4410092309407**
Option 4 ID : **4410092309408**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.71 V is wife of W. W is brother of X. X is father of Y. How is V related to Y?

Ans
- ✔ A. Father's Brother's Wife
- ✘ B. Sister's Husband
- ✘ C. Mother's Sister's Husband
- ✘ D. Brother's Wife

Question ID : **4410091411328**
Option 1 ID : **4410095574333**
Option 2 ID : **4410095574336**
Option 3 ID : **4410095574335**
Option 4 ID : **4410095574334**
Status : **Answered**
Chosen Option : **A**

Q.72 Each vowel in the word 'MOURNED' is changed to the immediate second letter following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the new group of letters thus formed?

Ans
- ✘ A. G
- ✘ B. C
- ✘ C. M
- ✔ D. Q

Question ID : **441009804124**
Option 1 ID : **4410093170621**
Option 2 ID : **4410093170622**
Option 3 ID : **4410093170620**
Option 4 ID : **4410093170619**
Status : **Answered**
Chosen Option : **D**

Q.73 A, B, C, D, E, F and G are sitting around a circular table facing the centre. A is sitting to the immediate right of E and immediate left of D. F is sitting to the immediate right of D. G is sitting second to the right of F. C is not the immediate neighbour of F. Who is sitting to the immediate right of F?

Ans
- ✘ A. A
- ✘ B. E
- ✘ C. G
- ✔ D. B

Question ID : **4410091148985**
Option 1 ID : **4410094530898**
Option 2 ID : **4410094530897**
Option 3 ID : **4410094530896**
Option 4 ID : **4410094530899**
Status : **Answered**
Chosen Option : **D**

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Q.74 This question is based on the following words.
RUG DOF AMP DIM
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
✗ A. Three
✓ B. Two
✗ C. Four
✗ D. One

Question ID : **441009796213**
Option 1 ID : **4410093138853**
Option 2 ID : **4410093138852**
Option 3 ID : **4410093138854**
Option 4 ID : **4410093138851**
Status : **Answered**
Chosen Option : **D**

Q.75 What should come in place of the question mark (?) in the given series?

205 181 157 133 109 ?

Ans
✗ A. 89
✗ B. 93
✓ C. 85
✗ D. 81

Question ID : **4410091983852**
Option 1 ID : **4410097813980**
Option 2 ID : **4410097813977**
Option 3 ID : **4410097813979**
Option 4 ID : **4410097813978**
Status : **Answered**
Chosen Option : **C**

Q.76 Refer to the given letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) £ V ÷ L ≠ H @ Y S € > K ? V Ω G Z ? U $ A © E @ $ U ω E (Right)

How many such symbols are there, which are immediately preceded by a symbol and also immediately followed by a letter?

Ans
✓ A. Two
✗ B. One
✗ C. None
✗ D. Three

Question ID : **441009792635**
Option 1 ID : **4410093124541**
Option 2 ID : **4410093124540**
Option 3 ID : **4410093124539**
Option 4 ID : **4410093124542**
Status : **Answered**
Chosen Option : **A**

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Q.77 In a certain code language,
A + B means 'A is the daughter of B',
A @ B means 'A is the brother of B',
A - B means 'A is the wife of B', and
A # B means 'A is the father of B'.

Based on the above, how is D related to G if 'D + Y # R - B @ G'?

Ans
✗ A. Brother's wife's mother
✗ B. Brother's daughter
✓ C. Brother's wife's sister
✗ D. Brother's wife

Question ID : **441009345363**
Option 1 ID : **4410091347397**
Option 2 ID : **4410091347399**
Option 3 ID : **4410091347396**
Option 4 ID : **4410091347398**
Status : **Answered**
Chosen Option : **C**

Q.78 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?
: LMN :: STU : %

Ans
✗ A. # = XYZ, % = TUS
✗ B. # = LMP, % = VWX
✗ C. # = MNP, % = TUS
✓ D. # = IJK, % = VWX

Question ID : **441009716063**
Option 1 ID : **4410092818223**
Option 2 ID : **4410092818224**
Option 3 ID : **4410092818226**
Option 4 ID : **4410092818225**
Status : **Answered**
Chosen Option : **D**

Q.79 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ A. FC - EB
✗ B. OL - NK
✓ C. TQ - SO
✗ D. MJ - LI

Question ID : **441009789582**
Option 1 ID : **4410093112327**
Option 2 ID : **4410093112329**
Option 3 ID : **4410093112330**
Option 4 ID : **4410093112328**
Status : **Answered**
Chosen Option : **C**

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Q.80 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: PLQ :: LHM : %

Ans
✗ A. # = SPZ , % = QPJ

✗ B. # = PIT , % = IEV

✗ C. # = SIT , % = IEQ

✓ D. # = SOT , % = IEJ

Question ID : **441009710346**
Option 1 ID : **4410092795356**
Option 2 ID : **4410092795355**
Option 3 ID : **4410092795357**
Option 4 ID : **4410092795358**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

Q.81 According to the Corruption Perceptions Index (CPI), 2025, published by Transparency International, what was India's rank among 182 countries?

Ans
✗ A. 102nd

✗ B. 96th

✓ C. 91st

✗ D. 84th

Question ID : **4410091978744**
Option 1 ID : **4410097793878**
Option 2 ID : **4410097793875**
Option 3 ID : **4410097793876**
Option 4 ID : **4410097793877**
Status : **Answered**
Chosen Option : **D**

Q.82 The Indian Computer Emergency Response Team (CERT-In) under the Ministry of Electronics and Information Technology had developed a comprehensive framework and guidelines for Space Cyber Security in collaboration with which organisation during the DefSat Conference & Expo 2026 held in New Delhi?

Ans
✓ A. Satcom Industry Association-India

✗ B. Antrix Corporation Limited

✗ C. Indian Space Research Organisation

✗ D. NewSpace India Limited

Question ID : **4410092008600**
Option 1 ID : **4410097909678**
Option 2 ID : **4410097909681**
Option 3 ID : **4410097909679**
Option 4 ID : **4410097909680**
Status : **Not Answered**
Chosen Option : **--**

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Q.83 Which weightlifter had won the gold medal in the men's 65-kilogram category at the Commonwealth Youth Weightlifting Championships conducted in Samoa during April 2026?

Ans

✗ A. Harjinder Kaur

✗ B. Abhinob Gogoi

✗ C. Jeremy Lalrinnunga

✓ D. Sunil Singh

Question ID : **4410091988096**
Option 1 ID : **4410097830157**
Option 2 ID : **4410097830159**
Option 3 ID : **4410097830158**
Option 4 ID : **4410097830160**
Status : **Answered**
Chosen Option : **C**

Q.84 Who had won the silver medal in women's singles at the Baoji China Masters Super 100 badminton event held at Baoji City Gymnasium in May 2026?

Ans

✗ A. An Qi Yuan

✗ B. Malvika Bansod

✓ C. Shriyanshi Valishetty

✗ D. Unnati Hooda

Question ID : **4410092008620**
Option 1 ID : **4410097909759**
Option 2 ID : **4410097909761**
Option 3 ID : **4410097909758**
Option 4 ID : **4410097909760**
Status : **Not Answered**
Chosen Option : **--**

Q.85 According to the Global Terrorism Index 2026 published by the Institute for Economics and Peace (IEP), which country had ranked first following a rise in terrorism-related fatalities?

Ans

✓ A. Pakistan

✗ B. Afghanistan

✗ C. Iraq

✗ D. India

Question ID : **4410091996986**
Option 1 ID : **4410097864546**
Option 2 ID : **4410097864548**
Option 3 ID : **4410097864545**
Option 4 ID : **4410097864547**
Status : **Not Answered**
Chosen Option : **--**

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Q.86 Which institution was honored with the Subhash Chandra Bose Aapda Prabandhan Puraskar 2026 in the Institutional Category for exceptional work in disaster management?

Ans

✗ A. National Institute of Disaster Management

✗ B. National Disaster Response Force

✗ C. Indian Red Cross Society

✓ D. Sikkim State Disaster Management Authority

Question ID : **4410092005325**
Option 1 ID : **4410097896883**
Option 2 ID : **4410097896881**
Option 3 ID : **4410097896882**
Option 4 ID : **4410097896880**
Status : **Not Answered**
Chosen Option : **--**

Q.87 India renewed the Memorandum of Understanding on Environmental Cooperation in March 2026 for collaboration on pollution control, waste management, circular economy, and climate action with which country?

Ans

✗ A. Denmark

✓ B. Finland

✗ C. Norway

✗ D. Sweden

Question ID : **4410092008553**
Option 1 ID : **4410097909493**
Option 2 ID : **4410097909490**
Option 3 ID : **4410097909492**
Option 4 ID : **4410097909491**
Status : **Not Answered**
Chosen Option : **--**

Q.88 Which ISRO mission detected the effects of Coronal Mass Ejections (CMEs) on the Moon's exosphere, marking a global first in 2025?

Ans

✓ A. Chandrayaan-2

✗ B. Chandrayaan-3

✗ C. Aditya-L1

✗ D. Chandrayaan-1

Question ID : **4410091659077**
Option 1 ID : **4410096550694**
Option 2 ID : **4410096550695**
Option 3 ID : **4410096550696**
Option 4 ID : **4410096550693**
Status : **Answered**
Chosen Option : **B**

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Q.89 Which landmark achievement in hypersonic technology did the Defence Research and Development Organisation (DRDO) announce in May 2026?

Ans

✔ A. The successful long-duration ground test of an actively cooled scramjet combustor

✘ B. The launch of the first operational hypersonic cruise missile

✘ C. The signing of a technology transfer deal with the US for hypersonic engines

✘ D. The induction of a hypersonic variant of the BrahMos missile

Question ID : **4410092003556**
Option 1 ID : **4410097890073**
Option 2 ID : **4410097890072**
Option 3 ID : **4410097890075**
Option 4 ID : **4410097890074**
Status : **Not Answered**
Chosen Option : **--**

Q.90 As per the Union Budget 2025-26 announcement, in which state is a greenfield airport to be established?

Ans

✔ A. Bihar

✘ B. Haryana

✘ C. Odisha

✘ D. Rajasthan

Question ID : **441009875769**
Option 1 ID : **4410093456682**
Option 2 ID : **4410093456681**
Option 3 ID : **4410093456684**
Option 4 ID : **4410093456683**
Status : **Answered**
Chosen Option : **A**

Q.91 As part of India's Gaganyaan human spaceflight programme, which organisation conducted crew module recovery trials in the Bay of Bengal in 2026?

Ans

✘ A. Defence Research and Development Organisation (DRDO)

✔ B. Indian Space Research Organisation (ISRO)

✘ C. Indian National Centre for Ocean Information Services (INCOIS)

✘ D. Hindustan Aeronautics Limited (HAL)

Question ID : **4410092008962**
Option 1 ID : **4410097911122**
Option 2 ID : **4410097911124**
Option 3 ID : **4410097911123**
Option 4 ID : **4410097911125**
Status : **Not Answered**
Chosen Option : **--**

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Q.92 Who is the author of the book 'General Brasstacks: The Sundarji story' published in January 2026?

Ans
- ✔ A. Probal Dasgupta
- ✘ B. Srinath Raghavan
- ✘ C. Shiv Kunal Verma
- ✘ D. Arjun Subramaniam

Question ID : **4410092049951**
Option 1 ID : **4410098071025**
Option 2 ID : **4410098071028**
Option 3 ID : **4410098071026**
Option 4 ID : **4410098071027**
Status : **Not Answered**
Chosen Option : **--**

Q.93 Where was Exercise Vayushakti-26 conducted in February 2026?

Ans
- ✔ A. Pokhran Field Firing Range, Jaisalmer
- ✘ B. Leh, Ladakh
- ✘ C. Kachchh, Gujarat
- ✘ D. Srinagar, Jammu & Kashmir

Question ID : **4410092009229**
Option 1 ID : **4410097912187**
Option 2 ID : **4410097912186**
Option 3 ID : **4410097912189**
Option 4 ID : **4410097912188**
Status : **Answered**
Chosen Option : **A**

Q.94 Which theme was adopted for the World Governments Summit, 2026, that brought together governments, international organizations, thought leaders, and private sector leaders to identify innovative solutions for future challenges?

Ans
- ✘ A. Reinventing Digital Governments
- ✘ B. Empowering Modern Governments
- ✘ C. Strengthening Sustainable Governments
- ✔ D. Shaping Future Governments

Question ID : **4410092008274**
Option 1 ID : **4410097908376**
Option 2 ID : **4410097908377**
Option 3 ID : **4410097908374**
Option 4 ID : **4410097908375**
Status : **Answered**
Chosen Option : **C**

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Q.95 On May 11, 2026, the Government of India notified the rollout of the VB–G RAM G Act, 2025 from July 1, 2026. It replaced which earlier rural employment law?

Ans

✗ A. Deendayal Antyodaya Yojana

✗ B. Pradhan Mantri Gram Sadak Yojana

✓ C. Mahatma Gandhi National Rural Employment Guarantee Act, 2005

✗ D. National Rural Livelihood Mission

Question ID : **4410092009004**
Option 1 ID : **4410097911293**
Option 2 ID : **4410097911292**
Option 3 ID : **4410097911291**
Option 4 ID : **4410097911290**
Status : **Answered**
Chosen Option : **C**

Q.96 The Market Access Support (MAS) Scheme, launched in December 2025, was introduced primarily to strengthen which area of economic activity?

Ans

✓ A. Promote exports and support MSME exporters

✗ B. Expand universal rural health insurance

✗ C. Increase agricultural procurement for farmers

✗ D. Provide urban housing subsidies for migrants

Question ID : **4410091998308**
Option 1 ID : **4410097869841**
Option 2 ID : **4410097869843**
Option 3 ID : **4410097869842**
Option 4 ID : **4410097869844**
Status : **Not Answered**
Chosen Option : **--**

Q.97 Which cricket team defeated Haryana in the final to claim their maiden Syed Mushtaq Ali Trophy title in 2025?

Ans

✗ A. Karnataka

✗ B. Rajasthan

✗ C. Punjab

✓ D. Jharkhand

Question ID : **4410092009287**
Option 1 ID : **4410097912420**
Option 2 ID : **4410097912421**
Option 3 ID : **4410097912419**
Option 4 ID : **4410097912418**
Status : **Answered**
Chosen Option : **A**

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Q.98 Who had authored the book "Tides of Time: Bharat's History through Murals in Parliament" unveiled by Vice President C. P. Radhakrishnan in 2026?

Ans

✗ A. Shashi Tharoor

✓ B. Sudha Murty

✗ C. Amish Tripathi

✗ D. Devdutt Pattanaik

Question ID : **4410092008565**
Option 1 ID : **4410097909539**
Option 2 ID : **4410097909538**
Option 3 ID : **4410097909540**
Option 4 ID : **4410097909541**
Status : **Answered**
Chosen Option : **A**

Q.99 What triggered the 2025 India–Pakistan crisis?

Ans

✗ A. Cross-border artillery fire

✗ B. Diplomatic expulsion of ambassadors

✗ C. Suspension of the Indus Waters Treaty

✓ D. Terrorist attack in Pahalgam, Kashmir

Question ID : **441009460575**
Option 1 ID : **4410091801004**
Option 2 ID : **4410091801007**
Option 3 ID : **4410091801006**
Option 4 ID : **4410091801005**
Status : **Answered**
Chosen Option : **D**

Q.10 0 In which state was the 24th National Junior Athletics Federation Competition held from April 24 to 26, 2026?

Ans

✗ A. Maharashtra

✗ B. Gujarat

✓ C. Karnataka

✗ D. Tamil Nadu

Question ID : **4410092008822**
Option 1 ID : **4410097910562**
Option 2 ID : **4410097910564**
Option 3 ID : **4410097910563**
Option 4 ID : **4410097910565**
Status : **Not Answered**
Chosen Option : **--**

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	L92501853135
Roll Number	209254262996914
Candidate Name	SANTOSH KUMAR
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ Sandalpur
Test Date	14/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 When interpreting a velocity–time graph, what physical quantity is represented by the area under the graph during a specific time interval?

Ans

✔ A. Distance (or displacement) travelled

✘ B. Change in velocity

✘ C. Acceleration of the car

✘ D. Speed of the car

Question ID : **4410091556589**
Option 1 ID : **4410096148931**
Option 2 ID : **4410096148933**
Option 3 ID : **4410096148932**
Option 4 ID : **4410096148930**
Status : **Answered**
Chosen Option : **C**

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Q.2 **A velocity-time graph for a body moving with uniform acceleration is a straight line that slopes upwards. What does the area under this line between two time points represent?**

Ans
✗ A. The total change in velocity during that time interval

✗ B. The average velocity during that time interval

✗ C. The acceleration of the body during that time interval

✓ D. The displacement of the body during that time interval

Question ID : **4410092046172**
Option 1 ID : **4410098056762**
Option 2 ID : **4410098056764**
Option 3 ID : **4410098056763**
Option 4 ID : **4410098056761**
Status : **Answered**
Chosen Option : **C**

Q.3 **Which of the following best describes the power of accommodation of the human eye?**

Ans
✓ A. The ability of the eye lens to change its focal length to focus on objects at different distances

✗ B. The adjustment of eyelid position for better vision

✗ C. The movement of the eyeball to follow moving objects

✗ D. The ability of the pupil to change size with light intensity

Question ID : **4410092046236**
Option 1 ID : **4410098057018**
Option 2 ID : **4410098057020**
Option 3 ID : **4410098057019**
Option 4 ID : **4410098057017**
Status : **Answered**
Chosen Option : **D**

Q.4 **A student places a compass near a straight, current-carrying conductor and observes the needle deflect. What does this observation indicate about the region around the conductor?**

Ans
✗ A. Heat is produced around the conductor

✗ B. An electric field is generated around the conductor

✓ C. There is a magnetic field present around the conductor

✗ D. The region becomes gravitationally active

Question ID : **4410092045912**
Option 1 ID : **4410098055721**
Option 2 ID : **4410098055722**
Option 3 ID : **4410098055723**
Option 4 ID : **4410098055724**
Status : **Answered**
Chosen Option : **C**

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Q.5 In Rutherford's α-particle scattering experiment, the conclusion that most of the atom is empty space was drawn because:

Ans

✗ A. Electrons in atoms were electrically neutral

✗ B. Gold atoms were chemically unstable

✓ C. Only a few α-particles showed deflection

✗ D. Most α-particles were absorbed by the foil

Question ID : **4410091646844**
Option 1 ID : **4410096503628**
Option 2 ID : **4410096503627**
Option 3 ID : **4410096503626**
Option 4 ID : **4410096503625**
Status : **Answered**
Chosen Option : **D**

Q.6 If a force of 1 N displaces an object by 1 m along the line of force, the work done is:

Ans

✗ A. 0.1 J

✗ B. 0.5 J

✗ C. 10 J

✓ D. 1 J

Question ID : **4410091317976**
Option 1 ID : **4410095203438**
Option 2 ID : **4410095203439**
Option 3 ID : **4410095203441**
Option 4 ID : **4410095203440**
Status : **Answered**
Chosen Option : **D**

Q.7 A ray passing through the principal focus of a concave mirror will, after reflection:

Ans

✗ A. diverge away from the mirror

✗ B. converge at the pole

✗ C. reflect back through the centre of curvature

✓ D. emerge parallel to the principal axis

Question ID : **4410091667484**
Option 1 ID : **4410096581902**
Option 2 ID : **4410096581900**
Option 3 ID : **4410096581901**
Option 4 ID : **4410096581899**
Status : **Answered**
Chosen Option : **D**

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Q.8 **A traffic surveillance camera uses a convex mirror with a radius of curvature of 2 m. Where will the image of a car located 3 m from the mirror appear?**

Ans
- ✗ A. 3 m behind the mirror
- ✗ B. 0.12 m in front of the mirror
- ✗ C. 3 m in front of the mirror
- ✓ D. 0.75 m behind the mirror

Question ID : **4410092046427**
Option 1 ID : **4410098057778**
Option 2 ID : **4410098057777**
Option 3 ID : **4410098057779**
Option 4 ID : **4410098057780**
Status : **Not Answered**
Chosen Option : **--**

Q.9 **A researcher needs to deliver a drug directly to the cells of an organ for rapid effect. Which blood vessel should the delivery target for optimal diffusion to surrounding cells?**

Ans
- ✗ A. Veins due to presence of valves
- ✗ B. Arteries due to thick elastic walls
- ✗ C. Veins because they collect blood
- ✓ D. Capillaries because of their one-cell thick walls

Question ID : **4410091785304**
Option 1 ID : **4410097040394**
Option 2 ID : **4410097040392**
Option 3 ID : **4410097040393**
Option 4 ID : **4410097040391**
Status : **Answered**
Chosen Option : **C**

Q.10 **During the electrolytic refining of copper, which of the following correctly matches the components and their roles?**

Component	Role in Refining Process
A. Pure Copper	i. Anode
B. Impure Copper	ii. Cathode
C. Acidified Copper Sulphate	iii. Electrolyte

Ans
- ✓ A. A - ii, B - i, C - iii
- ✗ B. A - i, B - ii, C - iii
- ✗ C. A - iii, B - i, C - ii
- ✗ D. A - ii, B - iii, C - i

Question ID : **4410091078694**
Option 1 ID : **4410094252360**
Option 2 ID : **4410094252361**
Option 3 ID : **4410094252363**
Option 4 ID : **4410094252362**
Status : **Answered**
Chosen Option : **A**

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Q.11 If a researcher finds that a plant cell is neither swelling nor shrinking in a specific solution, they can conclude the solution is ____.

Ans

✗ A. Hypotonic

✗ B. Concentrated

✗ C. Pure water

✓ D. Isotonic

Question ID : **4410091965598**
Option 1 ID : **4410097742671**
Option 2 ID : **4410097742668**
Option 3 ID : **4410097742669**
Option 4 ID : **4410097742670**
Status : **Answered**
Chosen Option : **D**

Q.12 Suppose a household replaces all 5 A sockets with 15 A sockets and connects multiple high-power appliances to each. What potential risk does this introduce, and why?

Ans

✗ A. It ensures that all appliances will work at lower voltage

✓ B. It increases the risk of overloading and possible short-circuit due to excessive current

✗ C. It decreases the risk of electrical hazards in the house

✗ D. It prevents the fuse from operating under any circumstances

Question ID : **4410092045890**
Option 1 ID : **4410098055636**
Option 2 ID : **4410098055634**
Option 3 ID : **4410098055633**
Option 4 ID : **4410098055635**
Status : **Answered**
Chosen Option : **C**

Q.13 What primary factor determines whether one element can displace another from its compound?

Ans

✗ A. Difference in solution concentration

✓ B. Relative reactivity of the elements involved

✗ C. Difference in physical state

✗ D. Difference in atomic masses

Question ID : **4410091704461**
Option 1 ID : **4410096722908**
Option 2 ID : **4410096722906**
Option 3 ID : **4410096722909**
Option 4 ID : **4410096722907**
Status : **Answered**
Chosen Option : **B**

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Q.14 The IUPAC name for the compound CH_3-C(CH_3)$_2$-CH_2-CH_3 is:

Ans
- ✔ A. 2,2-Dimethylbutane
- ✘ B. 1,2-Dimethylbutane
- ✘ C. 2,3-Dimethylbutane
- ✘ D. 3,3-Dimethylbutane

Question ID : **4410091077161**
Option 1 ID : **4410094246027**
Option 2 ID : **4410094246029**
Option 3 ID : **4410094246028**
Option 4 ID : **4410094246030**
Status : **Answered**
Chosen Option : **A**

Q.15 Which pair of compounds will show different chemical properties despite having the same molecular formula?

Ans
- ✘ A. Propanol and methanol
- ✘ B. Ethanol and ethanoic acid
- ✔ C. Butane and isobutane
- ✘ D. Ethane and ethene

Question ID : **4410091652908**
Option 1 ID : **4410096526991**
Option 2 ID : **4410096526993**
Option 3 ID : **4410096526992**
Option 4 ID : **4410096526990**
Status : **Answered**
Chosen Option : **C**

Q.16 Which of the following most accurately represents a heterogeneous mixture?

Ans
- ✔ A. Sand and water solution
- ✘ B. Sodium chloride and water
- ✘ C. Sugar and water solution
- ✘ D. Acetic acid and water solution

Question ID : **441009679171**
Option 1 ID : **4410092670876**
Option 2 ID : **4410092670875**
Option 3 ID : **4410092670874**
Option 4 ID : **4410092670877**
Status : **Answered**
Chosen Option : **A**

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Q.17 All of the following are ways to restore Earth's natural systems EXCEPT, _____.

Ans

✗ A. Save water and recycle waste

✗ B. Plant trees and practice sustainable farming

✗ C. Use solar and wind energy

✓ D. Increase fossil fuel use

Question ID : **4410091982240**
Option 1 ID : **4410097807775**
Option 2 ID : **4410097807774**
Option 3 ID : **4410097807777**
Option 4 ID : **4410097807776**
Status : **Answered**
Chosen Option : **D**

Q.18 What is the main function of saliva in the mouth during digestion?

Ans

✗ A. It absorbs nutrients

✓ B. It breaks down starch into simple sugar

✗ C. It kills all bacteria

✗ D. It transports food to the stomach

Question ID : **4410091645770**
Option 1 ID : **4410096499606**
Option 2 ID : **4410096499608**
Option 3 ID : **4410096499607**
Option 4 ID : **4410096499609**
Status : **Answered**
Chosen Option : **B**

Q.19 Among the following, what has a molecular mass of 44 u?

Ans

✗ A. N_2

✗ B. H_2O

✓ C. CO_2

✗ D. NH_3

Question ID : **441009861638**
Option 1 ID : **4410093399592**
Option 2 ID : **4410093399593**
Option 3 ID : **4410093399591**
Option 4 ID : **4410093399590**
Status : **Answered**
Chosen Option : **C**

Q.20 A trolley is pulled along a straight track by a constant force of 40 N. If the work done on the trolley is 240 J, what distance does the trolley travel?

Ans

✓ A. 6 m

✗ B. 2 m

✗ C. 12 m

✗ D. 4 m

Question ID : **4410092046282**
Option 1 ID : **4410098057203**
Option 2 ID : **4410098057201**
Option 3 ID : **4410098057204**
Option 4 ID : **4410098057202**
Status : **Answered**
Chosen Option : **A**

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Q.21 Consider the following statements and select the correct option.

Statement 1: Food chains in an ecosystem are interlinked to form a food web.
Statement 2: Food webs show the interdependence of organisms.

Ans
✔ A. Both statements are true
✘ B. Both statements are false
✘ C. Statement 1 is false and Statement 2 is true
✘ D. Statement 1 is true and Statement 2 is false

Question ID : **4410091649791**
Option 1 ID : **4410096515282**
Option 2 ID : **4410096515285**
Option 3 ID : **4410096515283**
Option 4 ID : **4410096515284**
Status : **Answered**
Chosen Option : **A**

Q.22 When carbon dioxide gas is passed through lime water (calcium hydroxide solution), it produces a white precipitate which is of:

Ans
✔ A. calcium carbonate
✘ B. calcium oxide
✘ C. calcium hydrogen carbonate
✘ D. calcium sulphate

Question ID : **441009750358**
Option 1 ID : **4410092955300**
Option 2 ID : **4410092955303**
Option 3 ID : **4410092955301**
Option 4 ID : **4410092955302**
Status : **Answered**
Chosen Option : **A**

Q.23 Which of the following structures in throat is responsible for the prevention of collapse of air-passage in human beings?

Ans
✔ A. Rings of cartilage
✘ B. Oesophagus
✘ C. Larynx
✘ D. Pharynx

Question ID : **4410091514724**
Option 1 ID : **4410095982328**
Option 2 ID : **4410095982329**
Option 3 ID : **4410095982331**
Option 4 ID : **4410095982330**
Status : **Answered**
Chosen Option : **A**

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Q.24 A conservation biologist is designing a strategy to protect the Nilgiri tahr, which is found only in a specific Indian region. Which approach would be most appropriate for its conservation, based on its classification?

Ans
- ✗ A. Creating generic wildlife reserves
- ✓ B. Focusing on its endemic habitat in the Western Ghats
- ✗ C. Prioritizing widespread species elsewhere
- ✗ D. Relocating species to other regions

Question ID : **4410091978094**
Option 1 ID : **4410097791276**
Option 2 ID : **4410097791275**
Option 3 ID : **4410097791278**
Option 4 ID : **4410097791277**
Status : **Answered**
Chosen Option : **B**

Q.25 In a bacterial cell, the genetic material is found without a surrounding membrane in a region called the _____.

Ans
- ✓ A. Nucleoid
- ✗ B. Vacuole
- ✗ C. Nucleolus
- ✗ D. Cytoplasm

Question ID : **4410091965606**
Option 1 ID : **4410097742709**
Option 2 ID : **4410097742711**
Option 3 ID : **4410097742710**
Option 4 ID : **4410097742708**
Status : **Answered**
Chosen Option : **A**

Section : **Mathematics**

Q.26 What is the value of $[(1 + \cot^2 A) + (1 + \frac{1}{\cot^2 A})] \times \sin^2 A \cos^2 A$?

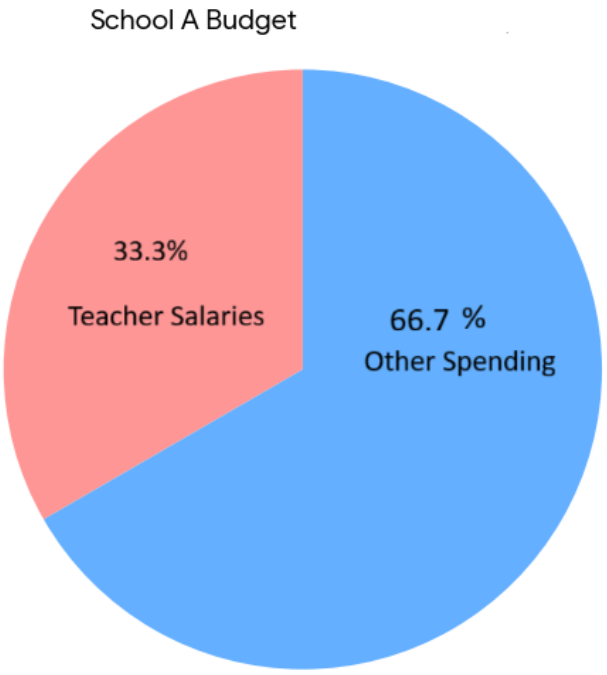
Ans
- ✗ A. 3
- ✓ B. 1
- ✗ C. 4
- ✗ D. 5

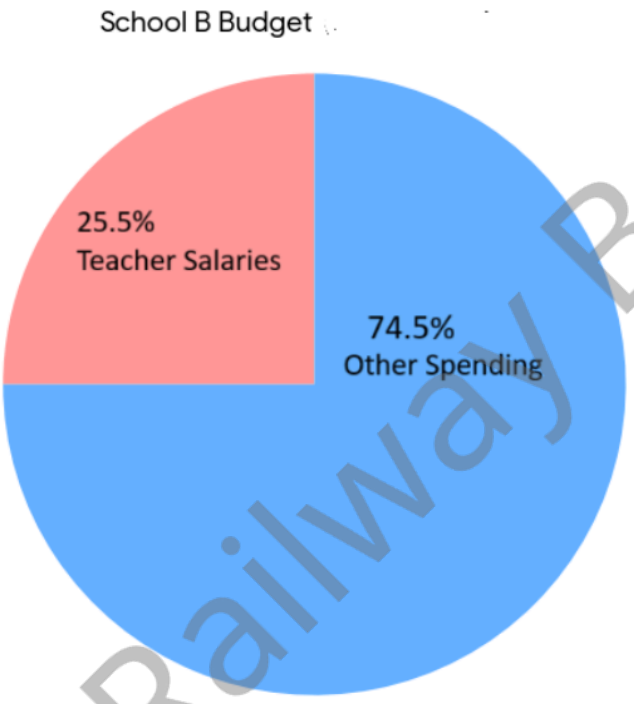
Question ID : **441009592308**
Option 1 ID : **4410092324349**
Option 2 ID : **4410092324350**
Option 3 ID : **4410092324351**
Option 4 ID : **4410092324352**
Status : **Not Answered**
Chosen Option : **--**

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Q.27 As the multiple pie charts below depict, School A spends 33.3% of its budget on teacher salaries while School B spends 25.5% of its budget on the same. If both have equal total budgets of ₹36,00,000, how much more (in ₹) does School A spend on salaries than School B?





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Ans
- ✗ A. 4,00,000
- ✓ B. 2,80,800
- ✗ C. 5,00,000
- ✗ D. 2,00,000

Question ID : **4410091260230**
Option 1 ID : **4410094973778**
Option 2 ID : **4410094973777**
Option 3 ID : **4410094973779**
Option 4 ID : **4410094973776**
Status : **Not Answered**
Chosen Option : **--**

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Q.28 The weights assigned to four subjects are 2, 3, 4 and 1, respectively. A student scores 60, 70, 80 and 90 in these subjects. What is the weighted mean of the marks?

Ans
✔ A. 74
✘ B. 68
✘ C. 78
✘ D. 64

Question ID : **441009330533**
Option 1 ID : **4410091288618**
Option 2 ID : **4410091288621**
Option 3 ID : **4410091288620**
Option 4 ID : **4410091288619**
Status : **Answered**
Chosen Option : **A**

Q.29 A sum of ₹5,000 is invested for 2 years at 8% per annum. Find the difference between the compound interest and the simple interest (in ₹), if the interest is compounded annually.

Ans
✘ A. ₹50
✘ B. ₹80
✔ C. ₹32
✘ D. ₹20

Question ID : **4410091983275**
Option 1 ID : **4410097811784**
Option 2 ID : **4410097811783**
Option 3 ID : **4410097811782**
Option 4 ID : **4410097811781**
Status : **Answered**
Chosen Option : **C**

Q.30 What is the mean proportional between $3 + \sqrt{2}$ and $12 - \sqrt{32}$?

Ans
✘ A. $2\sqrt{6}$
✘ B. $3\sqrt{7}$
✔ C. $2\sqrt{7}$
✘ D. $3\sqrt{6}$

Question ID : **4410091981916**
Option 1 ID : **4410097806491**
Option 2 ID : **4410097806493**
Option 3 ID : **4410097806490**
Option 4 ID : **4410097806492**
Status : **Marked For Review**
Chosen Option : **C**

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Q.31 Find the value of $\frac{\sqrt{264} \times \sqrt{330} \times \sqrt{1125}}{\sqrt{1296} \times \sqrt{400}}$.

Ans
✗ A. $\frac{11}{2}$
✗ B. $\frac{89}{6}$
✓ C. $\frac{55}{4}$
✗ D. $\frac{38}{3}$

Question ID : **4410091003607**
Option 1 ID : **4410093966048**
Option 2 ID : **4410093966051**
Option 3 ID : **4410093966050**
Option 4 ID : **4410093966049**
Status : **Not Answered**
Chosen Option : **--**

Q.32 Given that $116^{0.26} = x$, $116^{0.1} = y$ and $x^z = y^4$, then the value of z is close to:

Ans
✗ A. 2.42
✗ B. 0.58
✓ C. 1.54
✗ D. 3.39

Question ID : **441009536553**
Option 1 ID : **4410092101611**
Option 2 ID : **4410092101609**
Option 3 ID : **4410092101608**
Option 4 ID : **4410092101610**
Status : **Answered**
Chosen Option : **C**

Q.33 If $\cos A = \frac{9}{41}$, A is an acute angle, then find the value of $\operatorname{cosec} A \cos A$

Ans
✓ A. $4\frac{241}{360}$
✗ B. $3\frac{119}{180}$
✗ C. $5\frac{317}{360}$
✗ D. $2\frac{131}{180}$

Question ID : **441009601901**
Option 1 ID : **4410092362723**
Option 2 ID : **4410092362722**
Option 3 ID : **4410092362724**
Option 4 ID : **4410092362721**
Status : **Answered**
Chosen Option : **A**

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Q.34 Simplify the following expression:

$(2a + 3b + 4c)^2 + (2a - 3b - 4c)^2 - 8a^2 - 18b^2 - 32c^2$

Ans
✗ A. 24ab
✗ B. 12bc
✗ C. 16ac
✓ D. 48bc

Question ID : **4410091015123**
Option 1 ID : **4410094012116**
Option 2 ID : **4410094012119**
Option 3 ID : **4410094012118**
Option 4 ID : **4410094012117**
Status : **Answered**
Chosen Option : **A**

Q.35 A student scores 80 on an assignment that carries a weight of 40%, and 70 on a project that carries a weight of 60%. What is the weighted average score?

Ans
✗ A. 80
✗ B. 72
✗ C. 70
✓ D. 74

Question ID : **4410091236358**
Option 1 ID : **4410094879012**
Option 2 ID : **4410094879010**
Option 3 ID : **4410094879009**
Option 4 ID : **4410094879011**
Status : **Answered**
Chosen Option : **D**

Q.36 The income of Raman is ₹43,000. He saves 26% of his income. If his income increases by 20% and expenditure increases by 40%, then his savings will:

Ans
✗ A. increase by ₹4,131
✓ B. decrease by ₹4,128
✗ C. decrease by ₹4,133
✗ D. increase by ₹4,133

Question ID : **441009562149**
Option 1 ID : **4410092203864**
Option 2 ID : **4410092203863**
Option 3 ID : **4410092203865**
Option 4 ID : **4410092203866**
Status : **Answered**
Chosen Option : **A**

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Q.37 A bus leaves City A at 7:00 a.m. and travels at 48 km/h. At 10:00 a.m., the driver stops for a 30-minute break. Then he continues at 60 km/h. Find the time he reaches City B, which is 300 km from City A.

Ans
✗ A. 1:30 pm
✗ B. 1:10 pm
✓ C. 1:06 pm
✗ D. 12:56 pm

Question ID : **4410091437255**
Option 1 ID : **4410095677864**
Option 2 ID : **4410095677865**
Option 3 ID : **4410095677866**
Option 4 ID : **4410095677867**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.38 The total surface area of a cube having side 65 cm is:

Ans
✗ A. 25320 cm^2
✗ B. 25332 cm^2
✓ C. 25350 cm^2
✗ D. 25386 cm^2

Question ID : **441009602371**
Option 1 ID : **4410092364604**
Option 2 ID : **4410092364602**
Option 3 ID : **4410092364601**
Option 4 ID : **4410092364603**
Status : **Answered**
Chosen Option : **C**

Q.39 Arvind bought an article for ₹x. He sold it to Biru at a loss of 26%. Biru spent ₹102 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for ₹1,374, then what is the value of x?

Ans
✗ A. 1,060
✗ B. 1,120
✓ C. 1,100
✗ D. 1,080

Question ID : **441009537813**
Option 1 ID : **4410092106651**
Option 2 ID : **4410092106650**
Option 3 ID : **4410092106648**
Option 4 ID : **4410092106649**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.40 A cylindrical tank of radius 2 m and height 7 m is completely filled with water. After 10% of the water leaks out, in a larger tank the remaining water is mixed with milk in the ratio 4 : 1. How many litres of milk is added to the water in the larger tank? (Use π = 22/7)

Ans
✗ A. 19400
✗ B. 18400
✓ C. 19800
✗ D. 17800

Question ID : **4410091879629**
Option 1 ID : **4410097405507**
Option 2 ID : **4410097405506**
Option 3 ID : **4410097405508**
Option 4 ID : **4410097405505**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.41 A man covered a total distance of 800 km on motor bike. For the first 12 hours, the speed was 50 km/hr and for the rest of the journey, it came down to 25 km/hr. The average speed (in km/hr) was:

Ans
✗ A. 42
✗ B. 36
✓ C. 40
✗ D. 48

Question ID : **441009643400**
Option 1 ID : **4410092527788**
Option 2 ID : **4410092527786**
Option 3 ID : **4410092527787**
Option 4 ID : **4410092527789**
Status : **Answered**
Chosen Option : **C**

Q.42 A bank offers 6.8% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹3,485 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is: (round off to two decimal places)

Ans
✗ A. ₹376.50
✗ B. ₹348.50
✗ C. ₹352.50
✓ D. ₹359.50

Question ID : **441009573523**
Option 1 ID : **4410092249213**
Option 2 ID : **4410092249215**
Option 3 ID : **4410092249214**
Option 4 ID : **4410092249212**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.43 Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 28 hours and pipe C can fill the same tank in 21 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

Ans
✔ A. 1
✘ B. 4
✘ C. 2
✘ D. 3

Question ID : **441009517465**
Option 1 ID : **4410092025279**
Option 2 ID : **4410092025282**
Option 3 ID : **4410092025280**
Option 4 ID : **4410092025281**
Status : **Answered**
Chosen Option : **A**

Q.44 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 84% and 97%, shop II allows successive discounts of 42% and 94%, shop III allows successive discounts of 50% and 85% and shop IV allows successive discounts of 89%, 37% and 82% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
✘ A. II
✘ B. IV
✔ C. I
✘ D. III

Question ID : **441009536880**
Option 1 ID : **4410092102918**
Option 2 ID : **4410092102919**
Option 3 ID : **4410092102916**
Option 4 ID : **4410092102917**
Status : **Answered**
Chosen Option : **B**

Q.45 What is the value of (9x + 2y), if mean of the following distribution is 64?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	8	20	x	6	y	80

Ans
✘ A. 106
✘ B. 99
✘ C. 94
✔ D. 113

Question ID : **441009623497**
Option 1 ID : **4410092448121**
Option 2 ID : **4410092448123**
Option 3 ID : **4410092448122**
Option 4 ID : **4410092448120**
Status : **Answered**
Chosen Option : **D**

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Q.46 Two chords AB and CD of a circle whose centre is O, meet at the point E. If angle AOC = 54° and angle BOD = 48°, then the value of angle BED is:

Ans
✗ A. 50°
✓ B. 51°
✗ C. 53°
✗ D. 52°

Question ID : **441009592489**
Option 1 ID : **4410092325073**
Option 2 ID : **4410092325074**
Option 3 ID : **4410092325076**
Option 4 ID : **4410092325075**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.47 In a local club election, the two candidates received votes in the ratio 7 : 5. If the total number of votes cast was 360, how many votes did the winning candidate receive?

Ans
✗ A. 180
✗ B. 200
✗ C. 240
✓ D. 210

Question ID : **4410091731081**
Option 1 ID : **4410096826708**
Option 2 ID : **4410096826709**
Option 3 ID : **4410096826711**
Option 4 ID : **4410096826710**
Status : **Answered**
Chosen Option : **D**

Q.48 Weight of Manoj is $\frac{5}{7}$ times of weight of Sanju. By what fraction wei

weight of Manoj?

Ans
✓ A. $\frac{2}{5}$
✗ B. $\frac{3}{7}$
✗ C. $\frac{7}{5}$
✗ D. $\frac{2}{7}$

Question ID : **4410091435283**
Option 1 ID : **4410095669664**
Option 2 ID : **4410095669667**
Option 3 ID : **4410095669666**
Option 4 ID : **4410095669665**
Status : **Answered**
Chosen Option : **A**

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Q.49 Evaluate: 16 - 5 × 3 + 19

Ans
✗ A. 22
✓ B. 20
✗ C. 18
✗ D. 19

Question ID : **441009521062**
Option 1 ID : **4410092039670**
Option 2 ID : **4410092039667**
Option 3 ID : **4410092039669**
Option 4 ID : **4410092039668**
Status : **Answered**
Chosen Option : **B**

Q.50 Find the simple interest (in ₹) on ₹1,200 at an interest rate of 6% per month in 10 months.

Ans
✗ A. 120
✗ B. 60
✓ C. 720
✗ D. 80

Question ID : **441009570608**
Option 1 ID : **4410092237553**
Option 2 ID : **4410092237552**
Option 3 ID : **4410092237555**
Option 4 ID : **4410092237554**
Status : **Answered**
Chosen Option : **C**

Section : **General Intelligence and Reasoning**

Q.51 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 6 3 7 1 2 3 8 6 4 2 9 7 1 3 8 5 3 2 1 9 6 4 (Right)

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans
✓ A. One
✗ B. None
✗ C. Two
✗ D. Three

Question ID : **4410091027100**
Option 1 ID : **4410094059965**
Option 2 ID : **4410094059964**
Option 3 ID : **4410094059966**
Option 4 ID : **4410094059967**
Status : **Answered**
Chosen Option : **A**

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Q.52 B, D, E, P, S, T and W are sitting around a circular table, facing the centre of the table. Only two people sit between B and T when counted from the left of T. E sits third to the left of W. P sits to the immediate right of W. P sits second to the left of B. S is not an immediate neighbor of E. How many people sit between D and W when counted from the right of D?

Ans
✗ A. Four
✗ B. Two
✓ C. One
✗ D. Three

Question ID : **441009783923**
Option 1 ID : **4410093089698**
Option 2 ID : **4410093089696**
Option 3 ID : **4410093089695**
Option 4 ID : **4410093089697**
Status : **Answered**
Chosen Option : **C**

Q.53 Each vowel in the word MAGNIFIERS is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the second letter preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
✗ A. L
✗ B. F
✓ C. J
✗ D. D

Question ID : **441009796191**
Option 1 ID : **4410093138764**
Option 2 ID : **4410093138765**
Option 3 ID : **4410093138763**
Option 4 ID : **4410093138766**
Status : **Answered**
Chosen Option : **C**

Q.54 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only Q is kept above I. Only R is kept between J and K. Only S is kept below J. How many boxes are kept between R and Q?

Ans
✗ A. Two
✓ B. Three
✗ C. One
✗ D. Four

Question ID : **441009810127**
Option 1 ID : **4410093194633**
Option 2 ID : **4410093194632**
Option 3 ID : **4410093194634**
Option 4 ID : **4410093194631**
Status : **Answered**
Chosen Option : **B**

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Q.55 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✗ A. QS - VX
✗ B. MO - RT
✓ C. IK - NQ
✗ D. EG - JL

Question ID : **441009789580**
Option 1 ID : **4410093112321**
Option 2 ID : **4410093112322**
Option 3 ID : **4410093112319**
Option 4 ID : **4410093112320**
Status : **Answered**
Chosen Option : **C**

Q.56 The question is based on the following words.

(Left) EYE, SAT, EAR, CAT (Right)

How many letters in the English alphabetical order are there between the third letter of the third word from the right and the second letter of the first word from the left?

Ans
✗ A. Three
✗ B. Six
✓ C. Four
✗ D. Five

Question ID : **441009724456**
Option 1 ID : **4410092851577**
Option 2 ID : **4410092851579**
Option 3 ID : **4410092851578**
Option 4 ID : **4410092851576**
Status : **Answered**
Chosen Option : **D**

Q.57 In a certain code language, 'learn from mistakes' is coded as 'wg ht kc' and 'mistakes shape us' is coded as 'aq sn ht'. How is 'mistakes' coded in the given language? (All codes are two-letter codes.)

Ans
✗ A. aq
✗ B. kc
✓ C. ht
✗ D. wg

Question ID : **441009795697**
Option 1 ID : **4410093136787**
Option 2 ID : **4410093136788**
Option 3 ID : **4410093136789**
Option 4 ID : **4410093136790**
Status : **Answered**
Chosen Option : **C**

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Q.58 57 is related to 173 following a certain logic. Following the same logic, 65 is related to 197. To which of the given options is 49 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 175
✗ B. 136
✓ C. 149
✗ D. 122

Question ID : **4410091985450**
Option 1 ID : **4410097820018**
Option 2 ID : **4410097820020**
Option 3 ID : **4410097820019**
Option 4 ID : **4410097820017**
Status : **Answered**
Chosen Option : **C**

Q.59 If 'A' stands for '+', 'B' stands for '–', 'C' stands for '×' and 'D' stands for '÷', then what will come in place of the question mark (?) in the following equation?

80 D 10 C 3 A 12 B 7 = ?

Ans
✗ A. 28
✓ B. 29
✗ C. 30
✗ D. 27

Question ID : **4410091293540**
Option 1 ID : **4410095106312**
Option 2 ID : **4410095106311**
Option 3 ID : **4410095106314**
Option 4 ID : **4410095106313**
Status : **Answered**
Chosen Option : **B**

Q.60 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Amu, Bari, Cona, Dinu and Ess are sitting around a circular table, facing the centre. Who sits to the immediate right of Cona?
(I) Amu sits second to the right of Bari. Cona sits second to the left of Bari.
(II) Dinu sits second to the right of Ess. Amu sits to the immediate right of Dinu.

Ans
✗ A. Data in statement I alone is sufficient to answer the question while data in statement II is not.
✗ B. Data in statement II alone is sufficient to answer the question while data in statement I is not.
✗ C. Data in statements I and II together are NOT sufficient to answer the question.
✓ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Question ID : **4410091320609**
Option 1 ID : **4410095213988**
Option 2 ID : **4410095213989**
Option 3 ID : **4410095213991**
Option 4 ID : **4410095213990**
Status : **Answered**
Chosen Option : **D**

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Q.61 A, G, H, P, S and Y live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
S lives on floor number 5. G lives on a floor above S. Only Y lives below H. P lives on an even-numbered floor.
How many people live below A?

Ans
✔ A. Two
✘ B. Four
✘ C. Three
✘ D. One

Question ID : **4410091451254**
Option 1 ID : **4410095733489**
Option 2 ID : **4410095733491**
Option 3 ID : **4410095733490**
Option 4 ID : **4410095733488**
Status : **Answered**
Chosen Option : **A**

Q.62 Each of the digits in the number 6743219 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
✔ A. 9
✘ B. 8
✘ C. 11
✘ D. 10

Question ID : **441009989939**
Option 1 ID : **4410093912013**
Option 2 ID : **4410093912014**
Option 3 ID : **4410093912011**
Option 4 ID : **4410093912012**
Status : **Answered**
Chosen Option : **A**

Q.63 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 7 1 5 9 2 7 6 5 8 2 3 2 5 9 7 8 6 4 2 8 (Right)

How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans
✘ A. Four
✔ B. Three
✘ C. One
✘ D. Two

Question ID : **4410091027091**
Option 1 ID : **4410094059931**
Option 2 ID : **4410094059930**
Option 3 ID : **4410094059928**
Option 4 ID : **4410094059929**
Status : **Answered**
Chosen Option : **B**

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Q.64 The question is based on the given words.

(Left) TOFU, BOTH, FARE, SANE, ZERO (Right)

How many letters in the English alphabetical order are there between the fourth letter of the first word from the left and the first letter of the first word from the right?

Ans
- ✔ A. Four
- ✘ B. Three
- ✘ C. Two
- ✘ D. One

Question ID : **441009724457**
Option 1 ID : **4410092851583**
Option 2 ID : **4410092851582**
Option 3 ID : **4410092851581**
Option 4 ID : **4410092851580**
Status : **Answered**
Chosen Option : **A**

Q.65 Each letter in the word YANKING is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is first from the left and the one which is fourth from the right in the new letter cluster thus formed?

Ans
- ✘ A. 13
- ✘ B. 11
- ✔ C. 9
- ✘ D. 12

Question ID : **441009761028**
Option 1 ID : **4410092998107**
Option 2 ID : **4410092998106**
Option 3 ID : **4410092998108**
Option 4 ID : **4410092998105**
Status : **Answered**
Chosen Option : **C**

Q.66 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✔ A. EJH
- ✘ B. XBA
- ✘ C. ZDC
- ✘ D. WAZ

Question ID : **441009998149**
Option 1 ID : **4410093944550**
Option 2 ID : **4410093944552**
Option 3 ID : **4410093944549**
Option 4 ID : **4410093944551**
Status : **Answered**
Chosen Option : **A**

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Q.67 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N each having a different height, which stick is the tallest?
(I) Y is shorter than N.
(II) D is taller than N.

Ans ✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

✓ B. Both statements I and II together are NOT sufficient to answer the question

✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not

✗ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Question ID : **4410091340064**
Option 1 ID : **4410095292307**
Option 2 ID : **4410095292306**
Option 3 ID : **4410095292308**
Option 4 ID : **4410095292309**
Status : **Answered**
Chosen Option : **B**

Q.68 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Cori related to Marsha if 'Cori @ Ashley $ Shana % Jess # Marsha'?

Ans ✗ A. Father's mother

✗ B. Father's sister

✗ C. Mother's sister

✓ D. Mother's mother

Question ID : **4410091477975**
Option 1 ID : **4410095839233**
Option 2 ID : **4410095839234**
Option 3 ID : **4410095839232**
Option 4 ID : **4410095839231**
Status : **Answered**
Chosen Option : **D**

Q.69 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

GOT : # :: % : SFM

Ans ✓ A. # = JRW, % = PCJ

✗ B. # = JPW, % = PCJ

✗ C. # = GRW, % = PGJ

✗ D. # = KPS, % = PGJ

Question ID : **441009716061**
Option 1 ID : **4410092818217**
Option 2 ID : **4410092818216**
Option 3 ID : **4410092818215**
Option 4 ID : **4410092818218**
Status : **Answered**
Chosen Option : **A**

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Q.70 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

BUNK - BKNU - KNUB
POUR - PRUO - RUOP

Ans
✗ A. MONK - OMNK - KONM
✗ B. VENT - VETN - ENTV
✓ C. DEAR - DRAE - RAED
✗ D. RING - RNIG - GNIR

Question ID : **4410091571860**
Option 1 ID : **4410096208492**
Option 2 ID : **4410096208494**
Option 3 ID : **4410096208493**
Option 4 ID : **4410096208491**
Status : **Answered**
Chosen Option : **C**

Q.71 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N each having a different height, which stick is the tallest?
(I) H is shorter than V but taller than Y.
(II) D is taller than N.

Ans
✗ A. Data in Statement II alone is sufficient to answer the question while data in statement I is not
✓ B. Both statements I and II together are NOT sufficient to answer the question
✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
✗ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Question ID : **4410091340066**
Option 1 ID : **4410095292316**
Option 2 ID : **4410095292314**
Option 3 ID : **4410095292317**
Option 4 ID : **4410095292315**
Status : **Answered**
Chosen Option : **B**

Q.72 All 54 people are standing in a row facing North. Aruna is 18th from the left end while Tripti is 17th from the right end. How many people are there between Aruna and Tripti?

Ans
✗ A. 20
✗ B. 18
✗ C. 17
✓ D. 19

Question ID : **4410091396405**
Option 1 ID : **4410095515303**
Option 2 ID : **4410095515301**
Option 3 ID : **4410095515300**
Option 4 ID : **4410095515302**
Status : **Answered**
Chosen Option : **D**

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Q.73 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B' and
A @ B means ' A is the father of B'.

How is M related to K if 'M % E # W − P @ K'?

Ans
✗ A. Father
✗ B. Husband
✗ C. Son
✓ D. Brother

Question ID : **441009254506**
Option 1 ID : **441009991932**
Option 2 ID : **441009991935**
Option 3 ID : **441009991934**
Option 4 ID : **441009991933**
Status : **Answered**
Chosen Option : **D**

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SHR APZ IXH QFP ?

Ans
✗ A. NYX
✗ B. NXY
✓ C. YNX
✗ D. YNI

Question ID : **4410091450467**
Option 1 ID : **4410095730357**
Option 2 ID : **4410095730356**
Option 3 ID : **4410095730355**
Option 4 ID : **4410095730354**
Status : **Answered**
Chosen Option : **C**

Q.75 If 1 is added to each even digit and 1 is subtracted from each odd digit in the number 5891632, what will be the difference between the greatest and smallest digits in the number thus formed?

Ans
✗ A. 7
✗ B. 5
✗ C. 8
✓ D. 9

Question ID : **441009555202**
Option 1 ID : **4410092176124**
Option 2 ID : **4410092176125**
Option 3 ID : **4410092176123**
Option 4 ID : **4410092176122**
Status : **Answered**
Chosen Option : **D**

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Q.76 33 is related to 136 following a certain logic. Following the same logic, 28 is related to 116. To which of the given options is 18 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 74
✗ B. 77
✓ C. 76
✗ D. 84

Question ID : **441009252742**
Option 1 ID : **441009984878**
Option 2 ID : **441009984877**
Option 3 ID : **441009984876**
Option 4 ID : **441009984879**
Status : **Answered**
Chosen Option : **C**

Q.77 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) 1 T 5 # 6 % G F 4 & J @ S R 7 ! N * Q H $ (Right)

How many such symbols are there, which are immediately preceded by a letter and also immediately followed by a number?

Ans
✗ A. Two
✗ B. Three
✓ C. None
✗ D. One

Question ID : **441009796881**
Option 1 ID : **4410093141525**
Option 2 ID : **4410093141526**
Option 3 ID : **4410093141523**
Option 4 ID : **4410093141524**
Status : **Answered**
Chosen Option : **C**

Q.78 What should come in place of '?' in the given series?
7 21 43 73 111 ?

Ans
✗ A. 153
✗ B. 151
✓ C. 157
✗ D. 163

Question ID : **4410091614645**
Option 1 ID : **4410096377390**
Option 2 ID : **4410096377389**
Option 3 ID : **4410096377391**
Option 4 ID : **4410096377392**
Status : **Not Answered**
Chosen Option : **--**

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Q.79 Seven people, P, Q, S, T, U, V, and W, are sitting in a row, all facing the north. There are exactly five people between P and T. W sits immediately to the left of T. There is exactly one person between W and Q. S sits somewhere to the left of U but to the right of V. Based on the given information, who is sitting third from the left end of the line?

Ans
- ✗ A. Q
- ✗ B. P
- ✗ C. W
- ✓ D. S

Question ID : **4410091599111**
Option 1 ID : **4410096316237**
Option 2 ID : **4410096316236**
Option 3 ID : **4410096316238**
Option 4 ID : **4410096316235**
Status : **Answered**
Chosen Option : **D**

Q.80 QP 5 is related to TL -6 in a certain way. In the same way, HG 9 is related to KC -2. To which of the following is LK 19 related, following the same logic?

Ans
- ✗ A. JI 5
- ✗ B. FT 6
- ✗ C. DG 7
- ✓ D. OG 8

Question ID : **441009788508**
Option 1 ID : **4410093108031**
Option 2 ID : **4410093108032**
Option 3 ID : **4410093108033**
Option 4 ID : **4410093108034**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

Q.81 What achievement is associated with Siddhant Banthia in recent Indian sports news of May month of 2026?

Ans
- ✓ A. Claiming a doubles tennis title with Alexander Donski
- ✗ B. Winning a national badminton championship
- ✗ C. Captaining the Indian cricket team in a series win
- ✗ D. Receiving the Arjuna Award for excellence

Question ID : **4410092008816**
Option 1 ID : **4410097910538**
Option 2 ID : **4410097910541**
Option 3 ID : **4410097910539**
Option 4 ID : **4410097910540**
Status : **Answered**
Chosen Option : **B**

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Q.82 On 3 January 2026, the US military conducted "Operation Resolve" — a surprise raid on which country's capital to capture its president, who was then flown to New York to face narco-terrorism charges?

Ans
✗ A. Colombia
✓ B. Venezuela
✗ C. Cuba
✗ D. Bolivia

Question ID : **4410092009011**
Option 1 ID : **4410097911319**
Option 2 ID : **4410097911320**
Option 3 ID : **4410097911318**
Option 4 ID : **4410097911321**
Status : **Answered**
Chosen Option : **B**

Q.83 Which Indian body hosted the 68th Session of the Governing Body Meeting of the Asian Productivity Organization in May 2026?

Ans
✗ A. All India Business & Community Foundation
✓ B. National Productivity Council
✗ C. Ministry of External Affairs
✗ D. NITI Aayog

Question ID : **4410092008731**
Option 1 ID : **4410097910201**
Option 2 ID : **4410097910200**
Option 3 ID : **4410097910199**
Option 4 ID : **4410097910198**
Status : **Answered**
Chosen Option : **B**

Q.84 In the West Bengal Legislative Assembly elections of April–May 2026, which political party secured its first-ever victory in terms of winning Assembly representation in the state?

Ans
✗ A. Trinamool Congress
✗ B. Indian National Congress
✓ C. Bharatiya Janata Party
✗ D. Left Front

Question ID : **4410091998316**
Option 1 ID : **4410097869874**
Option 2 ID : **4410097869873**
Option 3 ID : **4410097869875**
Option 4 ID : **4410097869876**
Status : **Answered**
Chosen Option : **C**

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Q.85 What had been the theme of the International Conference on Carbon Markets–Prakriti 2026 organised by the Bureau of Energy Efficiency under the Ministry of Power and Ministry of Environment, Forest and Climate Change in New Delhi?

Ans ✔ A. Unlocking Carbon Finance for NDC Implementation through Global Partnerships and Digital Pathways

✘ B. Accelerating Renewable Energy for Sustainable Industrial Transformation

✘ C. Promoting Green Technology for Net Zero and Energy Security

✘ D. Building Climate Resilience through Clean Energy Innovation and Finance

Question ID : **4410092008552**
Option 1 ID : **4410097909486**
Option 2 ID : **4410097909487**
Option 3 ID : **4410097909489**
Option 4 ID : **4410097909488**
Status : **Answered**
Chosen Option : **C**

Q.86 Under the modified interest subvention scheme, what is the new credit limit for loans taken through Kisan Credit Cards as per Budget 2025?

Ans ✘ A. ₹6 lakh

✔ B. ₹5 lakh

✘ C. ₹3 lakh

✘ D. ₹4 lakh

Question ID : **441009460932**
Option 1 ID : **4410091802425**
Option 2 ID : **4410091802424**
Option 3 ID : **4410091802422**
Option 4 ID : **4410091802423**
Status : **Answered**
Chosen Option : **A**

Q.87 At the 2026 World Athletics Indoor Championships in Toruń, Poland, which athlete broke the men's indoor heptathlon world record, surpassing a mark that had stood since the 2012 Istanbul Championships?

Ans ✘ A. Damian Warner

✘ B. Niklas Kaul

✔ C. Simon Ehammer

✘ D. Kevin Mayer

Question ID : **4410091983567**
Option 1 ID : **4410097812866**
Option 2 ID : **4410097812868**
Option 3 ID : **4410097812867**
Option 4 ID : **4410097812865**
Status : **Answered**
Chosen Option : **B**

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Q.88 Which organization launched the Young Scientists Programme, YUVIKA-2026, to nurture scientific curiosity among young students in India?

Ans
- ✔ A. Indian Space Research Organisation
- ✘ B. Council of Scientific and Industrial Research
- ✘ C. National Council of Educational Research and Training
- ✘ D. Ministry of Education

Question ID : **4410092008042**
Option 1 ID : **4410097907456**
Option 2 ID : **4410097907457**
Option 3 ID : **4410097907455**
Option 4 ID : **4410097907454**
Status : **Answered**
Chosen Option : **A**

Q.89 In May 2026, Indian sprinting witnessed a historic moment at the Federation Cup in Ranchi. Who became the first Indian man to break the 10.10-second barrier in the 100m?

Ans
- ✘ A. Yashas P
- ✔ B. Gurindervir Singh
- ✘ C. Vishal TK
- ✘ D. Animesh Kujur

Question ID : **4410092008745**
Option 1 ID : **4410097910257**
Option 2 ID : **4410097910256**
Option 3 ID : **4410097910255**
Option 4 ID : **4410097910254**
Status : **Answered**
Chosen Option : **B**

Q.90 The second edition of the International Conference on Spacecraft Mission Operations (SMOPS-2026), organised with the participation of ISRO and international space organisations, had been held in which Indian city?

Ans
- ✔ A. Bengaluru
- ✘ B. Hyderabad
- ✘ C. Pune
- ✘ D. Chennai

Question ID : **4410091983194**
Option 1 ID : **4410097811510**
Option 2 ID : **4410097811512**
Option 3 ID : **4410097811511**
Option 4 ID : **4410097811509**
Status : **Answered**
Chosen Option : **A**

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Q.91 Which organisation had signed a Memorandum of Understanding with ISRO Telemetry, Tracking and Command Network (ISTRAC) in May 2026 for technological advancement in deep space missions and development of indigenous high power systems?

Ans

✗ A. Semiconductor Applications and Microwave Engineering Research

✗ B. Scientific Association for Microwave Electronics and Radar

✗ C. Space Applications for Microwave Engineering and Research

✓ D. Society for Applied Microwave Electronics Engineering and Research

Question ID : **4410092008601**
Option 1 ID : **4410097909683**
Option 2 ID : **4410097909684**
Option 3 ID : **4410097909685**
Option 4 ID : **4410097909682**
Status : **Answered**
Chosen Option : **A**

Q.92 In November 2025, ICMR licensed indigenous diagnostic tools for the rapid detection of vector-borne diseases. Which technology primarily enables this single-tube simultaneous detection of Dengue, Chikungunya, and Zika?

Ans

✓ A. Single-tube Multiplex Real-Time RT-PCR Method

✗ B. CRISPR-Cas9 Based Fever-Scan Tool

✗ C. Portable RT-PCR device

✗ D. AI-Enabled Dengue Sentinel Platform

Question ID : **4410091671925**
Option 1 ID : **4410096598085**
Option 2 ID : **4410096598086**
Option 3 ID : **4410096598084**
Option 4 ID : **4410096598087**
Status : **Answered**
Chosen Option : **B**

Q.93 In February 2026, Union Minister of Minority Affairs Kiren Rijiju launched the NIGRANI App under which scheme to help bridge infrastructural gaps across India?

Ans

✓ A. Pradhan Mantri Jan Vikas Karyakram

✗ B. Pradhan Mantri Gram Sadak Yojana

✗ C. National Urban Livelihoods Mission

✗ D. Prime Minister Employment Generation Programme

Question ID : **4410091995279**
Option 1 ID : **4410097857747**
Option 2 ID : **4410097857746**
Option 3 ID : **4410097857745**
Option 4 ID : **4410097857748**
Status : **Answered**
Chosen Option : **A**

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Q.94 Which National Park was in the news in 2026 after nine cheetahs from Botswana were released into quarantine enclosures under Project Cheetah?

Ans

✗ A. Gir National Park, Gujarat

✗ B. Hemis National Park, Ladakh

✓ C. Kuno National Park, Madhya Pradesh

✗ D. Kaziranga National Park, Assam

Question ID : **4410092008955**
Option 1 ID : **4410097911095**
Option 2 ID : **4410097911097**
Option 3 ID : **4410097911094**
Option 4 ID : **4410097911096**
Status : **Answered**
Chosen Option : **C**

Q.95 The Jan Vishwas (Amendment of Provisions) Bill, 2026, builds upon the Jan Vishwas Act, 2023, by promoting which major shift in India's regulatory enforcement framework?

Ans

✗ A. Expanding preventive detention for economic offences

✗ B. Replacing civil penalties with mandatory imprisonment

✓ C. Decriminalising minor offences to improve ease of doing business

✗ D. Centralising all regulatory powers under the Union Government

Question ID : **4410092008994**
Option 1 ID : **4410097911251**
Option 2 ID : **4410097911250**
Option 3 ID : **4410097911252**
Option 4 ID : **4410097911253**
Status : **Answered**
Chosen Option : **C**

Q.96 Which multilateral naval exercise did the Indian Navy host off the coast of Visakhapatnam in February 2026, involving 42 ships and 29 aircraft?

Ans

✗ A. Konkan

✓ B. MILAN

✗ C. Varuna

✗ D. Malabar

Question ID : **4410092003548**
Option 1 ID : **4410097890053**
Option 2 ID : **4410097890054**
Option 3 ID : **4410097890055**
Option 4 ID : **4410097890052**
Status : **Answered**
Chosen Option : **B**

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Q.97 Which prominent tribal icon and former three-time chief minister of Jharkhand was officially conferred with the Padma Bhushan award posthumously in 2026?

Ans

✗ A. Shri Madhu Koda

✗ B. Shri Babulal Marandi

✓ C. Shri Shibu Soren

✗ D. Shri Arjun Munda

Question ID : **4410092009285**
Option 1 ID : **4410097912412**
Option 2 ID : **4410097912413**
Option 3 ID : **4410097912411**
Option 4 ID : **4410097912410**
Status : **Answered**
Chosen Option : **C**

Q.98 The Asian Weightlifting Championships 2026, in which India won 10 medals, had been held in which city?

Ans

✗ A. Birmingham

✗ B. Pune

✗ C. Jiangshan

✓ D. Gandhinagar

Question ID : **4410092008619**
Option 1 ID : **4410097909756**
Option 2 ID : **4410097909757**
Option 3 ID : **4410097909755**
Option 4 ID : **4410097909754**
Status : **Answered**
Chosen Option : **D**

Q.99 Which week-long governance and capacity-building initiative, observed from 2–8 April 2026 to mark the Foundation Day of the Capacity Building Commission and five years of Mission Karmayogi, included an interactive session on Indian Knowledge Systems (IKS) organised by the Department of Higher Education?

Ans

✗ A. National Education Advancement Week 2026

✓ B. Sadhana Saptah 2026

✗ C. Karmayogi Governance Week 2026

✗ D. Viksit Bharat Saptah 2026

Question ID : **4410091988627**
Option 1 ID : **4410097832281**
Option 2 ID : **4410097832282**
Option 3 ID : **4410097832284**
Option 4 ID : **4410097832283**
Status : **Answered**
Chosen Option : **C**

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Q.10 As per the announcement by the Union Finance Minister of India, how many Day Care 0 Cancer Centres will the Government set up in district hospitals in 2025–26?

Ans
- ✗ A. 300
- ✓ B. 200
- ✗ C. 500
- ✗ D. 400

Question ID : **441009875753**
Option 1 ID : **4410093456602**
Option 2 ID : **4410093456601**
Option 3 ID : **4410093456604**
Option 4 ID : **4410093456603**
Status : **Answered**
Chosen Option : **B**

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Registration Number	J92510467081
Roll Number	189254143521334
Candidate Name	ABHISHEK S
Community	OBC NCL
Test Center Name	iON Digital Zone iDZ Rajarajeswari Medical College and Hospital
Test Date	14/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

RailwayBABA

Section : **General Science**

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Q.1 Why does white light split into different colours when passing through a prism but not when passing through a glass slab?

Ans
✗ A. Because a prism is made of a different material
✓ B. Because a prism has non-parallel sides
✗ C. Because a prism is transparent
✗ D. Because a prism is thinner than a slab

Question ID : **4410092046232**
Option 1 ID : **4410098057001**
Option 2 ID : **4410098057002**
Option 3 ID : **4410098057003**
Option 4 ID : **4410098057004**
Status : **Answered**
Chosen Option : **B**

Q.2 Which situation demonstrates the correct application of the force formula?

Ans
✓ A. A 5 kg object accelerates at 2 m/s squared and a force of 10 N is applied
✗ B. A 2 kg object accelerates at 5 m/s squared and a force of 15 N is applied
✗ C. A 4 kg object accelerates at 3 m/s squared and a force of 20 N is applied
✗ D. A 10 kg object accelerates at 1 m/s squared and a force of 5 N is applied

Question ID : **4410092046129**
Option 1 ID : **4410098056589**
Option 2 ID : **4410098056591**
Option 3 ID : **4410098056592**
Option 4 ID : **4410098056590**
Status : **Answered**
Chosen Option : **A**

Q.3 What is the main characteristic of a double displacement reaction?

Ans
✗ A. Gain of oxygen by a substance
✗ B. Removal of hydrogen from acid
✗ C. Combination of two elements
✓ D. Exchange of ions between reactants

Question ID : **4410091704465**
Option 1 ID : **4410096722923**
Option 2 ID : **4410096722924**
Option 3 ID : **4410096722925**
Option 4 ID : **4410096722922**
Status : **Answered**
Chosen Option : **D**

Q.4 Which of the following statements is true for homogeneous mixtures?

Ans
✗ A. The solute particles settle down when it is left undisturbed.
✗ B. The components of the mixture can be separated by filtration.
✗ C. They show the Tyndall effect.
✓ D. The particles of a solution are smaller and cannot be seen with the naked eye.

Question ID : **441009873987**
Option 1 ID : **4410093449367**
Option 2 ID : **4410093449365**
Option 3 ID : **4410093449366**
Option 4 ID : **4410093449368**
Status : **Answered**
Chosen Option : **D**

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Q.5 Why is composting considered environmentally beneficial?

Ans

✗ A. It increases non-biodegradable waste

✗ B. It generates biodegradable waste

✗ C. It releases toxic gases

✓ D. It converts organic waste into useful manure

Question ID : **4410091978993**
Option 1 ID : **4410097794872**
Option 2 ID : **4410097794871**
Option 3 ID : **4410097794874**
Option 4 ID : **4410097794873**
Status : **Answered**
Chosen Option : **D**

Q.6 Complete the analogy.
Dye in water : Diffusion :: Roots absorbing water : _____.

Ans

✗ A. Photosynthesis

✗ B. Evaporation

✓ C. Osmosis

✗ D. Filtration

Question ID : **4410091965600**
Option 1 ID : **4410097742676**
Option 2 ID : **4410097742677**
Option 3 ID : **4410097742678**
Option 4 ID : **4410097742679**
Status : **Answered**
Chosen Option : **C**

Q.7 In animal cells, the breakdown of pyruvate using oxygen during aerobic respiration occurs in the _____.

Ans

✗ A. Cytoplasm

✗ B. Ribosome

✓ C. Mitochondria

✗ D. Nucleus

Question ID : **4410091978913**
Option 1 ID : **4410097794552**
Option 2 ID : **4410097794551**
Option 3 ID : **4410097794553**
Option 4 ID : **4410097794554**
Status : **Marked For Review**
Chosen Option : **C**

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Q.8 Which part of a neuron receives information from the environment?

Ans
- ✗ A. Axon
- ✗ B. Synapse
- ✗ C. Nucleus
- ✓ D. Dendrite

Question ID : **4410091594039**
Option 1 ID : **4410096296410**
Option 2 ID : **4410096296412**
Option 3 ID : **4410096296413**
Option 4 ID : **4410096296411**
Status : **Answered**
Chosen Option : **D**

Q.9 Complete the analogy.
Hypotonic solution : Cell Swells :: Hypertonic solution : _____.

Ans
- ✗ A. Cell stays same
- ✗ B. Cell becomes rigid
- ✗ C. Cell Divides
- ✓ D. Cell Shrinks

Question ID : **4410091965595**
Option 1 ID : **4410097742658**
Option 2 ID : **4410097742656**
Option 3 ID : **4410097742659**
Option 4 ID : **4410097742657**
Status : **Answered**
Chosen Option : **D**

Q.10 Why cannot pesticide residues always be removed from food by washing?

Ans
- ✓ A. Because they are accumulated within the tissues
- ✗ B. Because they evaporate easily
- ✗ C. Because they are present only on the surface
- ✗ D. Because they dissolve in water

Question ID : **4410091633027**
Option 1 ID : **4410096450228**
Option 2 ID : **4410096450229**
Option 3 ID : **4410096450226**
Option 4 ID : **4410096450227**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.11 Two vascular plants: one produces seeds in cones, the other has seeds in fruits. Which statement accurately distinguishes these groups?

Ans

✗ A. First is pteridophyte, second is bryophyte

✓ B. First is gymnosperm, second is angiosperm

✗ C. First is angiosperm, second is pteridophyte

✗ D. First is bryophyte, second is gymnosperm

Question ID : **4410091993232**
Option 1 ID : **4410097850504**
Option 2 ID : **4410097850503**
Option 3 ID : **4410097850502**
Option 4 ID : **4410097850501**
Status : **Marked For Review**
Chosen Option : **D**

Q.12 Which of the following statements correctly describes the behaviour of different metals when heated in air?

Ans

✗ A. All metals burn in air with the same intensity and form metal oxides

✗ B. Silver and gold burn in air and form thick oxide coatings

✗ C. Iron and copper burn with a flame producing metal oxides

✓ D. Potassium and sodium react so vigorously with oxygen that they catch fire

Question ID : **441009864018**
Option 1 ID : **4410093409180**
Option 2 ID : **4410093409183**
Option 3 ID : **4410093409181**
Option 4 ID : **4410093409182**
Status : **Answered**
Chosen Option : **D**

Q.13 During rehabilitation, a patient with vertebral damage has impaired organ coordination. Which vertebrate feature underlies this complication?

Ans

✗ A. Simple external limb appendages

✓ B. Complex organ system integration

✗ C. Protective single-layered skin

✗ D. Basic independent cell clusters

Question ID : **4410091993716**
Option 1 ID : **4410097852401**
Option 2 ID : **4410097852403**
Option 3 ID : **4410097852402**
Option 4 ID : **4410097852404**
Status : **Marked For Review**
Chosen Option : **B**

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Q.14 Which statement explains why covalent compounds generally have low melting points?

Ans

✗ A. Free electrons

✗ B. Metallic bonding

✗ C. Strong ionic attractions

✓ D. Weak intermolecular forces

Question ID : **4410091565462**
Option 1 ID : **4410096183341**
Option 2 ID : **4410096183342**
Option 3 ID : **4410096183340**
Option 4 ID : **4410096183339**
Status : **Answered**
Chosen Option : **D**

Q.15 A velocity-time graph for a car moving with uniform velocity starts at t=0 s and ends at t=10 s, always at 5 m/s. What is the shape of the graph?

Ans

✗ A. A curve rising above 5 m/s

✓ B. A straight horizontal line at 5 m/s

✗ C. A straight line rising from 0 to 5 m/s

✗ D. A straight line falling from 5 to 0 m/s

Question ID : **4410092046188**
Option 1 ID : **4410098056827**
Option 2 ID : **4410098056828**
Option 3 ID : **4410098056825**
Option 4 ID : **4410098056826**
Status : **Answered**
Chosen Option : **B**

Q.16 Which of the following best represents the characteristic properties of isotopes?

Ans

✗ A. Both the chemical and physical properties of isotopes are similar.

✗ B. The chemical properties of isotopes are different but their physical properties are similar.

✓ C. The chemical properties of isotopes are similar, but their physical properties are different.

✗ D. Both the chemical and physical properties of isotopes are different.

Question ID : **4410091049437**
Option 1 ID : **4410094146858**
Option 2 ID : **4410094146856**
Option 3 ID : **4410094146855**
Option 4 ID : **4410094146857**
Status : **Marked For Review**
Chosen Option : **C**

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Q.17 Which of the following correctly describes a proton?

Ans

✗ A. Negatively charged particle

✗ B. Particle with no mass

✗ C. Neutral particle

✓ D. Positively charged particle

Question ID : **4410091449754**
Option 1 ID : **4410095727492**
Option 2 ID : **4410095727495**
Option 3 ID : **4410095727493**
Option 4 ID : **4410095727494**
Status : **Answered**
Chosen Option : **D**

Q.18 If two sounds have the same frequency but different amplitudes, what will be different?

Ans

✗ A. Their speed will be different

✓ B. Their loudness will be different

✗ C. Their direction will be different

✗ D. Their pitch will be different

Question ID : **4410092045971**
Option 1 ID : **4410098055958**
Option 2 ID : **4410098055959**
Option 3 ID : **4410098055960**
Option 4 ID : **4410098055957**
Status : **Answered**
Chosen Option : **B**

Q.19 Which of the following statements is FALSE for a converging lens?

Ans

✗ A. A converging lens can focus sunlight to form a sharp bright spot on paper.

✓ B. The bright spot formed on the paper by the converging lens is a virtual image of the Sun.

✗ C. The concentration of sunlight at a point due to the converging lens generates heat.

✗ D. The light from the Sun, before reaching the converging lens, consists of parallel rays.

Question ID : **44100997794**
Option 1 ID : **441009389183**
Option 2 ID : **441009389184**
Option 3 ID : **441009389185**
Option 4 ID : **441009389186**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

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Q.20 Which statement about power is correct?

Ans

✗ A. Power is independent of time.

✗ B. Power and work have the same SI unit.

✓ C. Power measures how quickly work is done.

✗ D. Power depends only on force.

Question ID : **4410092046294**
Option 1 ID : **4410098057252**
Option 2 ID : **4410098057249**
Option 3 ID : **4410098057250**
Option 4 ID : **4410098057251**
Status : **Answered**
Chosen Option : **C**

Q.21 In a circuit, two resistors R_1 and R_2 are connected in parallel. If $R_1 = 4\ \Omega$ and $R_2 = 12\ \Omega$, and the total voltage across the parallel combination is 6V, what is the total current flowing in the circuit?

Ans

✗ A. 10 A

✓ B. 2 A

✗ C. 1.5 A

✗ D. 8 A

Question ID : **4410092045845**
Option 1 ID : **4410098055456**
Option 2 ID : **4410098055454**
Option 3 ID : **4410098055453**
Option 4 ID : **4410098055455**
Status : **Answered**
Chosen Option : **B**

Q.22 If a resistor is connected across a battery and used for a longer time period, which of the following will increase, assuming current and resistance remain constant?

Ans

✗ A. The resistance of the resistor

✗ B. The potential difference across the resistor

✓ C. The total heat produced in the resistor

✗ D. The charge per unit time

Question ID : **4410092045859**
Option 1 ID : **4410098055509**
Option 2 ID : **4410098055510**
Option 3 ID : **4410098055511**
Option 4 ID : **4410098055512**
Status : **Not Answered**
Chosen Option : **--**

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Q.23 Compounds that differ by a $-CH_2-$ unit belong to which type of chemical grouping?

Ans
✗ A. Structural isomer
✗ B. Functional group
✓ C. Homologous series
✗ D. Ionic compound

Question ID : **4410091385939**
Option 1 ID : **4410095474465**
Option 2 ID : **4410095474464**
Option 3 ID : **4410095474463**
Option 4 ID : **4410095474466**
Status : **Answered**
Chosen Option : **C**

Q.24 A rescue team uses a long steel rod as a lever to lift a heavy concrete slab. To minimize the force required, where should the fulcrum be positioned?

Ans
✓ A. Near the slab being lifted
✗ B. Away from both the slab and the effort
✗ C. Exactly halfway between the slab and the effort
✗ D. Near the point where the force is applied

Question ID : **4410092046334**
Option 1 ID : **4410098057409**
Option 2 ID : **4410098057412**
Option 3 ID : **4410098057410**
Option 4 ID : **4410098057411**
Status : **Not Answered**
Chosen Option : **--**

Q.25 Methyl orange turns red in:

Ans
✗ A. Both acid and base
✗ B. Base only
✓ C. Acid only
✗ D. Neutral solution

Question ID : **4410091430712**
Option 1 ID : **4410095651035**
Option 2 ID : **4410095651033**
Option 3 ID : **4410095651032**
Option 4 ID : **4410095651034**
Status : **Answered**
Chosen Option : **C**

Railway BABA

Section : **Mathematics**

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Q.26 A sum of ₹1,000 is invested for 2 years at 10% per annum compound interest, compounded annually. Find the compound interest earned at the end of 2 years (in ₹).

Ans

✔ A. 210

✘ B. 230

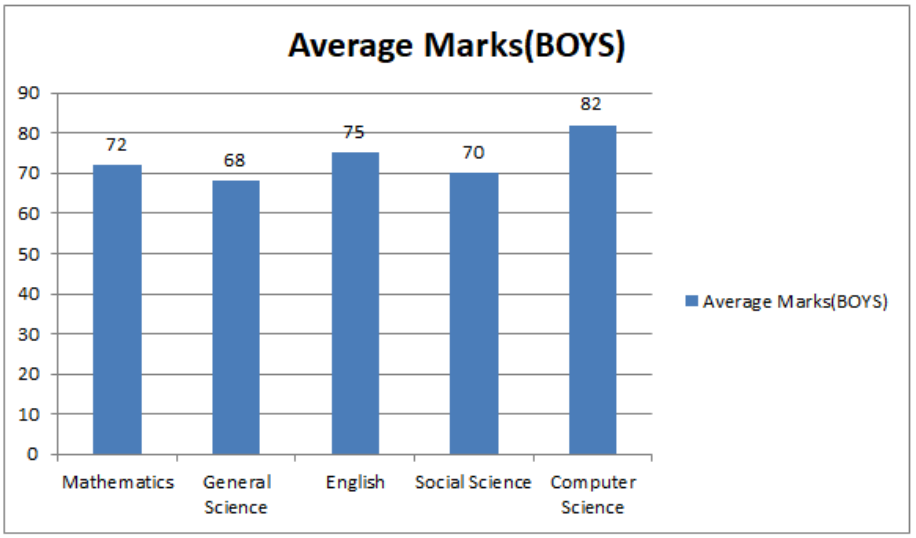
✘ C. 200

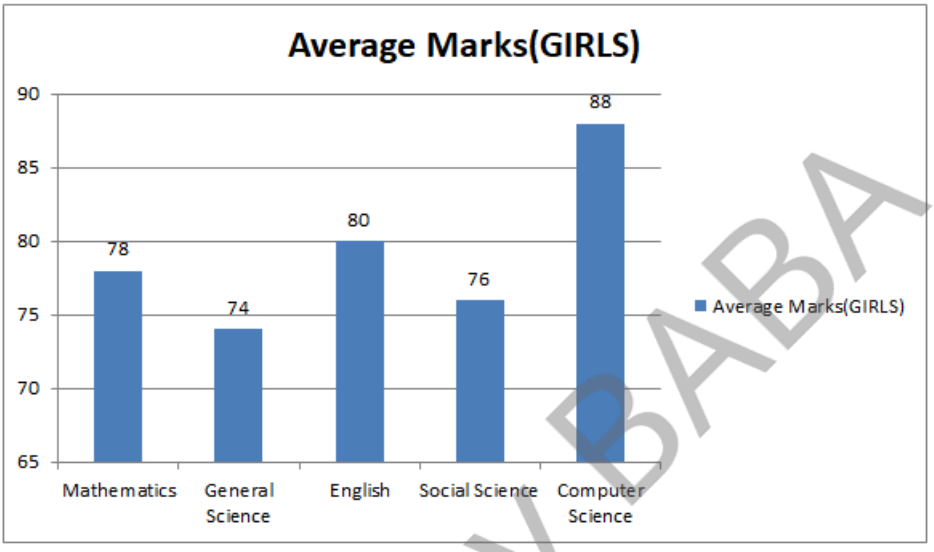
✘ D. 220

Question ID : **4410091983052**
Option 1 ID : **4410097810945**
Option 2 ID : **4410097810948**
Option 3 ID : **4410097810946**
Option 4 ID : **4410097810947**
Status : **Answered**
Chosen Option : **A**

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Q.27 The following bar graphs show the average marks (out of 100) in five subjects obtained by Boys and Girls in Class 8 of a school.





Compute the difference between overall average score for Girls and Boys (to one decimal place).

Ans
✗ A. 5.4
✗ B. 5.6
✓ C. 5.8
✗ D. 5.5

Railway BABA

Question ID : **4410091511286**
Option 1 ID : **4410095969449**
Option 2 ID : **4410095969447**
Option 3 ID : **4410095969446**
Option 4 ID : **4410095969448**
Status : **Answered**
Chosen Option : **C**

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Q.28 A is 4 years older than B. After 5 years, the sum of their ages will be 50. Find B's present age.

Ans
✗ A. 8 years
✓ B. 18 years
✗ C. 16 years
✗ D. 26 years

Question ID : **441009979493**
Option 1 ID : **4410093870499**
Option 2 ID : **4410093870501**
Option 3 ID : **4410093870500**
Option 4 ID : **4410093870502**
Status : **Answered**
Chosen Option : **B**

Q.29 If $\sec^2\alpha = \frac{4ab}{(a+b)^2}$, then:

Ans
✗ A. $a = -b$
✗ B. $a = \frac{1}{b}$
✗ C. $a = -\frac{1}{b}$
✓ D. $a = b$

Question ID : **441009592774**
Option 1 ID : **4410092326213**
Option 2 ID : **4410092326214**
Option 3 ID : **4410092326216**
Option 4 ID : **4410092326215**
Status : **Not Answered**
Chosen Option : **--**

Q.30 In ΔABC, $DE \parallel AC$, where D and E are the points on sides AB and and $AD = 14$ cm, then what is the ratio of the area of ΔBDE to that

Ans
✗ A. 336 : 25
✗ B. 19 : 12
✓ C. 25 : 336
✗ D. 21 : 23

Question ID : **441009314323**
Option 1 ID : **4410091223768**
Option 2 ID : **4410091223767**
Option 3 ID : **4410091223766**
Option 4 ID : **4410091223769**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.31 In an election between two candidates, 10% of the total votes were declared invalid, and all valid votes were cast in favour of either of the two candidates. If the winner secured 53% of the valid votes and won the election by 1,620 votes, find the total number of votes polled.

Ans
✔ A. 30,000
✘ B. 27,000
✘ C. 28,000
✘ D. 32,000

Question ID : **4410091714661**
Option 1 ID : **4410096784383**
Option 2 ID : **4410096784385**
Option 3 ID : **4410096784384**
Option 4 ID : **4410096784382**
Status : **Answered**
Chosen Option : **A**

Q.32 Jatin and Kiran start a business by investing ₹1,20,000 and ₹80,000, respectively. After 8 months, Jatin withdraws ₹20,000. If the total profit at the end of the year is ₹29,000, find Kiran's share of the profit.

Ans
✘ A. ₹14,000
✘ B. ₹17,000
✔ C. ₹12,000
✘ D. ₹18,000

Question ID : **4410091987467**
Option 1 ID : **4410097827926**
Option 2 ID : **4410097827927**
Option 3 ID : **4410097827925**
Option 4 ID : **4410097827928**
Status : **Answered**
Chosen Option : **C**

Q.33 The average weight of all the students of a class is 36.5 kg. The average weight of all the boys in the class is 40 kg and that of all the girls is 32.3 kg. The ratio of the number of boys to the number of girls in the class is:

Ans
✔ A. 6 : 5
✘ B. 7 : 5
✘ C. 5 : 7
✘ D. 5 : 6

Question ID : **4410091344481**
Option 1 ID : **4410095310616**
Option 2 ID : **4410095310618**
Option 3 ID : **4410095310619**
Option 4 ID : **4410095310617**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.34 Kaushal travelled for 7 hours 31 minutes at the speed of 120 km/h. At what speed (in km/h) should he travel to cover the same distance in 22 hours?

Ans

✗ A. 38

✓ B. 41

✗ C. 43

✗ D. 39

Question ID : **441009545455**
Option 1 ID : **4410092137218**
Option 2 ID : **4410092137216**
Option 3 ID : **4410092137217**
Option 4 ID : **4410092137219**
Status : **Answered**
Chosen Option : **B**

Q.35 What is the least value that must be assigned to A so that the 8-digit number 796A6351 is divisible by 3?

Ans

✓ A. 2

✗ B. 3

✗ C. 1

✗ D. 5

Question ID : **441009560188**
Option 1 ID : **4410092196019**
Option 2 ID : **4410092196022**
Option 3 ID : **4410092196021**
Option 4 ID : **4410092196020**
Status : **Answered**
Chosen Option : **A**

Q.36 The mean and the mode of a set of data are 50.7 and 66.9, respectively. Find the median of the data, using the empirical formula.

Ans

✗ A. 56.7

✗ B. 57.6

✓ C. 56.1

✗ D. 56.3

Question ID : **441009540342**
Option 1 ID : **4410092116767**
Option 2 ID : **4410092116766**
Option 3 ID : **4410092116764**
Option 4 ID : **4410092116765**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.37 At what rate per cent per annum will a sum of money multiply itself by 46 times in 2 years, interest being compounded annually? (Give your answer correct to one decimal place)

Ans ✔ A. 578.2

✗ B. 570.4

✗ C. 582.2

✗ D. 588.5

Question ID : **441009571788**
Option 1 ID : **4410092242272**
Option 2 ID : **4410092242273**
Option 3 ID : **4410092242274**
Option 4 ID : **4410092242275**
Status : **Answered**
Chosen Option : **B**

Q.38 A shopkeeper sells 21 chocolates for ₹1 and makes a profit of 100%. How many chocolates did he purchase for ₹1?

Ans ✔ A. 42

✗ B. 63

✗ C. 69

✗ D. 43

Question ID : **441009575415**
Option 1 ID : **4410092256780**
Option 2 ID : **4410092256783**
Option 3 ID : **4410092256782**
Option 4 ID : **4410092256781**
Status : **Answered**
Chosen Option : **A**

Q.39 Simplify the following:

$$\left(\frac{3^4 \times 3^{-2}}{3^{-1}}\right)^2 \div 3^5$$

Ans ✔ A. 3

✗ B. $\frac{2}{3}$

✗ C. $\frac{1}{3}$

✗ D. 1

Question ID : **4410091021088**
Option 1 ID : **4410094035895**
Option 2 ID : **4410094035893**
Option 3 ID : **4410094035892**
Option 4 ID : **4410094035894**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.40 A school wants to distribute 60 pencils and 75 erasers to students, such that all of them get an equal number of pencils and an equal number of erasers with no items left over. What is the maximum number of students who can receive this gift?

Ans
✗ A. 25
✗ B. 10
✓ C. 15
✗ D. 5

Question ID : **4410091392311**
Option 1 ID : **4410095498939**
Option 2 ID : **4410095498937**
Option 3 ID : **4410095498938**
Option 4 ID : **4410095498936**
Status : **Answered**
Chosen Option : **C**

Q.41 What is the value of the following expression?

$$\tan A\left[\frac{\sec A+\tan A}{\operatorname{cosec} A-\cot A}\right]$$

Ans
✗ A. $\frac{1-\sin A}{1+\cos A}$
✓ B. $\frac{1+\cos A}{1-\sin A}$
✗ C. $\frac{1+\sin A}{1-\cos A}$
✗ D. $\frac{1-\cos A}{1+\sin A}$

Question ID : **441009592307**
Option 1 ID : **4410092324347**
Option 2 ID : **4410092324345**
Option 3 ID : **4410092324348**
Option 4 ID : **4410092324346**
Status : **Answered**
Chosen Option : **C**

Q.42 The cost of a washing machine is 44% less than the cost of a TV. If the cost of the washing machine increases by 78% and that of the TV decreases by 70%, then what is the percentage change in the total cost of 7 washing machines and 2 TVs?

Ans
✗ A. Decrease by 30%
✗ B. Decrease by 34%
✗ C. Increase by 21%
✓ D. Increase by 28%

Question ID : **441009537040**
Option 1 ID : **4410092103557**
Option 2 ID : **4410092103559**
Option 3 ID : **4410092103558**
Option 4 ID : **4410092103556**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.43 A cube has a total surface area of 294 cm^2. A smaller cube is cut from one of its corners such that the edge of the smaller cube is one-third the edge of the original cube. Find the surface area of the remaining solid.

Ans
- ✔ A. 294 cm^2
- ✘ B. 306 cm^2
- ✘ C. 270 cm^2
- ✘ D. 282 cm^2

Question ID : **4410091701788**
Option 1 ID : **4410096712436**
Option 2 ID : **4410096712437**
Option 3 ID : **4410096712434**
Option 4 ID : **4410096712435**
Status : **Answered**
Chosen Option : **A**

Q.44 In a class, Bhanu can do a piece of homework in 4 days, Jaya can do this work in 12 days, and Mounica can do the same work in 8 days. Working together, how many days will they take to complete the work?

Ans
- ✘ A. $2\frac{5}{11}$
- ✘ B. $2\frac{9}{11}$
- ✔ C. $2\frac{2}{11}$
- ✘ D. $2\frac{1}{11}$

Question ID : **4410091110272**
Option 1 ID : **4410094378083**
Option 2 ID : **4410094378084**
Option 3 ID : **4410094378082**
Option 4 ID : **4410094378085**
Status : **Answered**
Chosen Option : **C**

RAILWAY BABA

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Q.45 **An insurance company obtained the following data for accident claims from a particular region. Obtain the median (in thousand rupees) from this data. (Round off to two decimal places)**

Account of claim (in ₹ thousand)	Frequency
1-4	7
4-7	53
7-10	87
10-13	56
13-16	24
16-19	16
19-22	6
22-25	5

Ans
✔ A. 9.31
✘ B. 6.11
✘ C. 8.65
✘ D. 4.21

Question ID : **441009336799**
Option 1 ID : **4410091313219**
Option 2 ID : **4410091313217**
Option 3 ID : **4410091313218**
Option 4 ID : **4410091313216**
Status : **Not Answered**
Chosen Option : **--**

Q.46 **Find the simple interest (in ₹) if a sum of ₹600 is borrowed for 2.5 years at 12% per annum rate of interest.**

Ans
✘ A. 160
✔ B. 180
✘ C. 280
✘ D. 230

Question ID : **441009851724**
Option 1 ID : **4410093359870**
Option 2 ID : **4410093359868**
Option 3 ID : **4410093359871**
Option 4 ID : **4410093359869**
Status : **Answered**
Chosen Option : **B**

Q.47 **Anirudh travels 55 km at 11 km/h, 65 km at 13 km/h, and 120 km at 20 km/h. What is his average speed (in km/h)?**

Ans
✘ A. 16
✘ B. 18
✘ C. 14
✔ D. 15

Question ID : **4410091453492**
Option 1 ID : **4410095742257**
Option 2 ID : **4410095742258**
Option 3 ID : **4410095742255**
Option 4 ID : **4410095742256**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.48 The area of four walls of a room is 336 m^2. The length of the room is

Ans
✗ A. 143 m^2
✗ B. 139 m^2
✓ C. 147 m^2
✗ D. 150 m^2

Question ID : **44100923765**
Option 1 ID : **44100994783**
Option 2 ID : **44100994784**
Option 3 ID : **44100994781**
Option 4 ID : **44100994782**
Status : **Answered**
Chosen Option : **C**

Q.49 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 73% and 16%, shop II allows successive discounts of 59% and 18%, shop III allows successive discounts of 49% and 66% and shop IV allows successive discounts of 84%, 67%, and 94% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
✗ A. I
✓ B. IV
✗ C. III
✗ D. II

Question ID : **441009536878**
Option 1 ID : **4410092102911**
Option 2 ID : **4410092102908**
Option 3 ID : **4410092102909**
Option 4 ID : **4410092102910**
Status : **Answered**
Chosen Option : **C**

Q.50 16 typists working 8 hours a day can type 172 pages in 6 days. How many typists will be required to type 215 pages in 4 days if they work 6 hours a day?

Ans
✓ A. 40
✗ B. 25
✗ C. 35
✗ D. 20

Question ID : **4410091369015**
Option 1 ID : **4410095407522**
Option 2 ID : **4410095407521**
Option 3 ID : **4410095407523**
Option 4 ID : **4410095407520**
Status : **Answered**
Chosen Option : **A**

Section : **General Intelligence and Reasoning**

Railway BABA

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Q.51 Mr. Tosi starts from Point A and drives 18 km towards the East. He then takes a right turn, drives 13 km, turns right and drives 27 km. He then takes a right turn and drives 23 km. He takes a final right turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 9 km to the West
- ✗ B. 11 km to the East
- ✗ C. 5 km to the North
- ✓ D. 10 km to the South

Question ID : **4410091198432**
Option 1 ID : **4410094727617**
Option 2 ID : **4410094727616**
Option 3 ID : **4410094727618**
Option 4 ID : **4410094727615**
Status : **Answered**
Chosen Option : **D**

Q.52 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 E Ω C D (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the left?

Ans
- ✗ A. T
- ✗ B. @
- ✗ C. R
- ✓ D. &

Question ID : **441009792398**
Option 1 ID : **4410093123593**
Option 2 ID : **4410093123594**
Option 3 ID : **4410093123591**
Option 4 ID : **4410093123592**
Status : **Answered**
Chosen Option : **D**

Q.53 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✓ A. HLN
- ✗ B. BEG
- ✗ C. KNP
- ✗ D. RUW

Question ID : **441009809527**
Option 1 ID : **4410093192231**
Option 2 ID : **4410093192232**
Option 3 ID : **4410093192233**
Option 4 ID : **4410093192234**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.54 In a certain code language, 'SKIN' is coded as '2381' and 'DISK' is coded as '9823'. What is the code for 'D' in the given code language?

Ans
✔ A. 9
✘ B. 2
✘ C. 3
✘ D. 1

Question ID : **4410091498591**
Option 1 ID : **4410095919537**
Option 2 ID : **4410095919539**
Option 3 ID : **4410095919536**
Option 4 ID : **4410095919538**
Status : **Answered**
Chosen Option : **A**

Q.55 A, B, C, D, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between D and B. Only A lives above T. S lives on an even numbered floor. D lives on the lowermost floor. How many people live between C and A?

Ans
✘ A. None
✔ B. Two
✘ C. Three
✘ D. One

Question ID : **441009755419**
Option 1 ID : **4410092975669**
Option 2 ID : **4410092975671**
Option 3 ID : **4410092975672**
Option 4 ID : **4410092975670**
Status : **Answered**
Chosen Option : **B**

Q.56 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All apples are mangoes.
All apples are pens.

Conclusions:
(I) Some mangoes are pens.
(II) All pens are apples.

Ans
✘ A. Only conclusion (II) follows.
✘ B. Both conclusions (I) and (II) follow.
✔ C. Only conclusion (I) follows.
✘ D. Neither conclusion (I) nor (II) follows.

Question ID : **441009814297**
Option 1 ID : **4410093211312**
Option 2 ID : **4410093211314**
Option 3 ID : **4410093211311**
Option 4 ID : **4410093211313**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.57 Town X is to the west of Town Y. Town L is to the north of Town X. Town M is to the south of Town X. Town L is to the north-west of Town Y. Town A is to the east of Town Y. What is the position of Town L with respect to Town A?

Ans
- ✔ A. North-west
- ✘ B. North-east
- ✘ C. South
- ✘ D. East

Question ID : **441009346750**
Option 1 ID : **4410091353066**
Option 2 ID : **4410091353067**
Option 3 ID : **4410091353065**
Option 4 ID : **4410091353068**
Status : **Answered**
Chosen Option : **A**

Q.58 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: LPY :: DWF : %

Ans
- ✔ A. # = KQX , % = EVG
- ✘ B. # = KQZ, % = CXE
- ✘ C. # = MQZ , % = EVG
- ✘ D. # = MQX , % = CWE

Question ID : **441009716039**
Option 1 ID : **4410092818128**
Option 2 ID : **4410092818130**
Option 3 ID : **4410092818127**
Option 4 ID : **4410092818129**
Status : **Answered**
Chosen Option : **A**

Q.59 HKCN is related to XASD in a certain way based on the English alphabetical order. In the same way, TWOZ is related to JMEP. To which of the following options is PSKV related, following the same logic?

Ans
- ✘ A. FLIO
- ✔ B. FIAL
- ✘ C. FEIO
- ✘ D. FAIL

Question ID : **4410091642954**
Option 1 ID : **4410096488709**
Option 2 ID : **4410096488707**
Option 3 ID : **4410096488710**
Option 4 ID : **4410096488708**
Status : **Answered**
Chosen Option : **B**

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Q.60 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

124 D 48 C 56 A 4 B 3 = ?

Ans
✗ A. 104
✗ B. 117
✓ C. 118
✗ D. 111

Question ID : **4410095555017**
Option 1 ID : **4410092175384**
Option 2 ID : **4410092175382**
Option 3 ID : **4410092175383**
Option 4 ID : **4410092175385**
Status : **Answered**
Chosen Option : **C**

Q.61 29 is related to 206 following a certain logic. Following the same logic, 35 is related to 248. To which of the following is 44 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 354
✓ B. 311
✗ C. 388
✗ D. 366

Question ID : **4410091985798**
Option 1 ID : **4410097821402**
Option 2 ID : **4410097821404**
Option 3 ID : **4410097821403**
Option 4 ID : **4410097821401**
Status : **Answered**
Chosen Option : **B**

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✗ A. RW - UZ
✗ B. OT - RW
✗ C. QV - TY
✓ D. YN - LL

Question ID : **441009819455**
Option 1 ID : **4410093231943**
Option 2 ID : **4410093231944**
Option 3 ID : **4410093231945**
Option 4 ID : **4410093231946**
Status : **Answered**
Chosen Option : **D**

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Q.63 Each of the digits in the number 8539264 is arranged in descending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✗ A. One
- ✗ B. Two
- ✗ C. Three
- ✓ D. None

Question ID : **441009531251**
Option 1 ID : **4410092080409**
Option 2 ID : **4410092080410**
Option 3 ID : **4410092080411**
Option 4 ID : **4410092080408**
Status : **Answered**
Chosen Option : **D**

Q.64 Select the pair that follows the same pattern as the one followed by the two pairs given below. Both pairs follow the same pattern.

VYU−XAW
RUQ−TWS

Ans
- ✓ A. XAW−ZCY
- ✗ B. XZU−YBX
- ✗ C. XZU−ZCY
- ✗ D. XAW−YCX

Question ID : **441009811766**
Option 1 ID : **4410093201187**
Option 2 ID : **4410093201190**
Option 3 ID : **4410093201189**
Option 4 ID : **4410093201188**
Status : **Answered**
Chosen Option : **A**

Q.65 What should come in place of '?' in the given series?

1 2 6 24 120 ?

Ans
- ✗ A. 600
- ✓ B. 720
- ✗ C. 800
- ✗ D. 700

Question ID : **4410091614630**
Option 1 ID : **4410096377331**
Option 2 ID : **4410096377330**
Option 3 ID : **4410096377332**
Option 4 ID : **4410096377329**
Status : **Answered**
Chosen Option : **B**

Railway BABA

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Q.66 The question is based on the given words.

(Left) EAR, KID, TOM, PAT (Right)

How many letters in the English alphabetical order are there between the third letter of the second word from the left and the third letter of the second word from the right?

Ans
- ✔ A. Eight
- ✘ B. Nine
- ✘ C. Six
- ✘ D. Seven

Question ID : **441009724455**
Option 1 ID : **4410092851572**
Option 2 ID : **4410092851573**
Option 3 ID : **4410092851575**
Option 4 ID : **4410092851574**
Status : **Answered**
Chosen Option : **A**

Q.67 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B' and
A @ B means ' A is the father of B'.

How is M related to P if 'M # E @ W % P − K'?

Ans
- ✘ A. Wife's father
- ✘ B. Wife's brother
- ✘ C. Father
- ✔ D. Brother

Question ID : **441009254507**
Option 1 ID : **441009991937**
Option 2 ID : **441009991936**
Option 3 ID : **441009991939**
Option 4 ID : **441009991938**
Status : **Answered**
Chosen Option : **D**

Q.68 B, D, E, P, S, T and W are sitting around a circular table, facing the centre of the table. Only two people sit between E and B when counted from the right of E. Only two people sit between B and S. Only three people sit between E and W. D sits to the immediate left of T.
How many people sit between E and P when counted from the left of P?

Ans
- ✘ A. Three
- ✘ B. One
- ✔ C. Four
- ✘ D. Two

Question ID : **441009783924**
Option 1 ID : **4410093089701**
Option 2 ID : **4410093089699**
Option 3 ID : **4410093089702**
Option 4 ID : **4410093089700**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.69 **The position(s) of how many letters will remain unchanged if each letter in the word BLUEPRINTS is arranged in the alphabetical order?**

Ans
- ✗ A. One
- ✗ B. Three
- ✓ C. Two
- ✗ D. Four

Question ID : **441009759525**
Option 1 ID : **4410092992093**
Option 2 ID : **4410092992095**
Option 3 ID : **4410092992094**
Option 4 ID : **4410092992096**
Status : **Answered**
Chosen Option : **C**

Q.70 **A, B, C, D, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. A lives on the topmost floor. Only three people live between A and C. T lives on a floor below C. S lives on an even numbered floor. B lives on an odd numbered floor but not on floor number 5. How many people live between D and C?**

Ans
- ✗ A. Zero
- ✗ B. Three
- ✓ C. Two
- ✗ D. One

Question ID : **441009755422**
Option 1 ID : **4410092975681**
Option 2 ID : **4410092975684**
Option 3 ID : **4410092975683**
Option 4 ID : **4410092975682**
Status : **Answered**
Chosen Option : **C**

Q.71 **What should come in place of the question mark (?) in the given series based on the English alphabetical order, to make it logically complete?**

END ISH MXL QCP ?

Ans
- ✗ A. VGU
- ✗ B. TIS
- ✓ C. UHT
- ✗ D. THU

Question ID : **4410091445006**
Option 1 ID : **4410095708615**
Option 2 ID : **4410095708613**
Option 3 ID : **4410095708614**
Option 4 ID : **4410095708616**
Status : **Answered**
Chosen Option : **C**

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Q.72 Each vowel in the word CONVERT is changed to the letter immediately preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. Which of the following letters will be third from the left in the new group of letters thus formed?

Ans
✗ A. M
✗ B. D
✓ C. O
✗ D. P

Question ID : **441009804204**
Option 1 ID : **4410093170941**
Option 2 ID : **4410093170942**
Option 3 ID : **4410093170939**
Option 4 ID : **4410093170940**
Status : **Answered**
Chosen Option : **C**

Q.73 Seven boxes, G, H, I, B, C, D and E, are kept one over the other, but not necessarily in the same order.
Only two boxes are kept below I. H is kept at some place below B. Only one box is kept above D. Only one box is kept between D and C. G is kept immediately above E.
How many boxes are kept between B and G?

Ans
✗ A. Three
✗ B. Two
✓ C. Four
✗ D. One

Question ID : **4410091411288**
Option 1 ID : **4410095574162**
Option 2 ID : **4410095574163**
Option 3 ID : **4410095574161**
Option 4 ID : **4410095574164**
Status : **Answered**
Chosen Option : **C**

Q.74 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Shreya related to Kavita if 'Shreya # Fahaan @ Palak $ Bhanu % Kavita'?

Ans
✗ A. Father's mother's father
✓ B. Mother's mother's brother
✗ C. Father's mother's brother
✗ D. Mother's mother's father

Question ID : **4410091477977**
Option 1 ID : **4410095839242**
Option 2 ID : **4410095839239**
Option 3 ID : **4410095839241**
Option 4 ID : **4410095839240**
Status : **Marked For Review**
Chosen Option : **B**

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Q.75 The following question is based on the given words.

(left) TRY MAT CAN JUG (right)

How many letters in the English alphabetical order are there between the second letter of the first word from the right and the third letter of the first word from the left?

Ans
✗ A. Five
✗ B. Two
✓ C. Three
✗ D. Four

Question ID : **441009723777**
Option 1 ID : **4410092848860**
Option 2 ID : **4410092848861**
Option 3 ID : **4410092848862**
Option 4 ID : **4410092848863**
Status : **Answered**
Chosen Option : **C**

Q.76 A, B, C, D, E and F are sitting around a circular table, facing the centre.
B sits second to the left of D. C is an immediate neighbour of F. B sits to the immediate right of F. A sits second to the left of E.
What is the position of A with respect to F?

Ans
✗ A. Immediate right
✗ B. Third to the left
✗ C. Second to the left
✓ D. Second to the right

Question ID : **4410091074408**
Option 1 ID : **4410094235140**
Option 2 ID : **4410094235141**
Option 3 ID : **4410094235139**
Option 4 ID : **4410094235142**
Status : **Answered**
Chosen Option : **D**

Q.77 Refer to the given letter and symbol series and answer the question that follows.

(Left) @ M + R % C @ L ? < K @ J & G % Q J = O € I @ M K & N (Right)

If all the letters are dropped from the series, then which of the following will be sixth from the right?

Ans
✗ A. #
✗ B. @
✗ C. ?
✓ D. &

Question ID : **441009792632**
Option 1 ID : **4410093124530**
Option 2 ID : **4410093124527**
Option 3 ID : **4410093124529**
Option 4 ID : **4410093124528**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.78 14 is related to 52 following a certain logic. Following the same logic, 18 is related to 68. To which of the given options is 13 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 46
✗ B. 50
✗ C. 52
✓ D. 48

Question ID : **441009252675**
Option 1 ID : **441009984610**
Option 2 ID : **441009984608**
Option 3 ID : **441009984609**
Option 4 ID : **441009984611**
Status : **Answered**
Chosen Option : **D**

Q.79 If 'T' stands for '+' and 'U' stands for '÷', what will come in place of the question mark (?) in the following equation?

30 T 20 U 5 = ?

Ans
✗ A. 35
✓ B. 34
✗ C. 32
✗ D. 33

Question ID : **4410091477482**
Option 1 ID : **4410095837318**
Option 2 ID : **4410095837317**
Option 3 ID : **4410095837315**
Option 4 ID : **4410095837316**
Status : **Answered**
Chosen Option : **B**

Q.80 Refer to the following series and answer the question (all numbers are single digit numbers only). (Counting to be done from left to right only.)

(Left) 2 4 5 2 5 1 6 5 3 5 2 3 2 9 4 9 4 6 8 5 5 8 5 6 3 5 8 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?

Ans
✓ A. 4
✗ B. 5
✗ C. 3
✗ D. 6

Question ID : **441009780419**
Option 1 ID : **4410093075679**
Option 2 ID : **4410093075680**
Option 3 ID : **4410093075681**
Option 4 ID : **4410093075682**
Status : **Answered**
Chosen Option : **A**

Section : **General Awareness and Current Affairs**

Railway BABA

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Q.81 Which pillar of the human-centric "MANAV" artificial intelligence framework explicitly addresses data, algorithmic, and digital infrastructure sovereignty?

Ans
- ✗ A. Second Pillar
- ✓ B. Third Pillar
- ✗ C. Fourth Pillar
- ✗ D. First Pillar

Question ID : **4410092009300**
Option 1 ID : **4410097912471**
Option 2 ID : **4410097912472**
Option 3 ID : **4410097912473**
Option 4 ID : **4410097912470**
Status : **Marked For Review**
Chosen Option : **C**

Q.82 Which Indian shooter clinched the silver medal in the men's 25-meter centre fire pistol event at the ISSF World Championships 2025 in Cairo, Egypt?

Ans
- ✗ A. Aishwary Pratap Singh Tomar
- ✗ B. Anish Bhanwala
- ✗ C. Samrat Rana
- ✓ D. Gurpreet Singh

Question ID : **4410092009286**
Option 1 ID : **4410097912417**
Option 2 ID : **4410097912416**
Option 3 ID : **4410097912414**
Option 4 ID : **4410097912415**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Which institution introduced 'OmegaBall', India's first three-team football format, and proposed a national OmegaBall Club in 2026?

Ans
- ✗ A. Indian Institute of Science Bengaluru
- ✗ B. Indian Institute of Technology Bombay
- ✓ C. Indian Institute of Technology Madras
- ✗ D. Indian Institute of Technology Delhi

Question ID : **4410092008577**
Option 1 ID : **4410097909589**
Option 2 ID : **4410097909587**
Option 3 ID : **4410097909586**
Option 4 ID : **4410097909588**
Status : **Marked For Review**
Chosen Option : **C**

Railway BABA

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Q.84 The Adani Group is setting up a 48-megawatt cutting-edge AI green data centre in which state at an outlay of Rs 2,500 crores?

Ans

✗ A. Andhra Pradesh

✗ B. Bihar

✓ C. Telangana

✗ D. Maharashtra

Question ID : **4410091572110**
Option 1 ID : **4410096209457**
Option 2 ID : **4410096209459**
Option 3 ID : **4410096209458**
Option 4 ID : **4410096209456**
Status : **Marked For Review**
Chosen Option : **A**

Q.85 Which Indian organisation had received two IEEE SA Corporate-2025 awards at a ceremony conducted in New Jersey, USA, during December 2025?

Ans

✗ A. National Institution for Transforming India (NITI) Aayog

✓ B. Centre for Development of Telematics (C-DOT)

✗ C. Defence Research and Development Organisation (DRDO)

✗ D. Indian Space Research Organisation (ISRO)

Question ID : **4410091987942**
Option 1 ID : **4410097829552**
Option 2 ID : **4410097829549**
Option 3 ID : **4410097829550**
Option 4 ID : **4410097829551**
Status : **Not Answered**
Chosen Option : **--**

Q.86 According to the Ministry of External Affairs, who had been appointed as India's next High Commissioner to the People's Republic of Bangladesh in April 2026?

Ans

✗ A. Arun Kumar

✓ B. Dinesh Trivedi

✗ C. Rajiv Bansal

✗ D. Suresh Prasad

Question ID : **4410091983195**
Option 1 ID : **4410097811514**
Option 2 ID : **4410097811516**
Option 3 ID : **4410097811515**
Option 4 ID : **4410097811513**
Status : **Not Answered**
Chosen Option : **--**

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Q.87 Which district in Gujarat gained international recognition with the inclusion of Chhari-Dhand in the Ramsar List in 2026?

Ans

✗ A. Surat district

✗ B. Banaskantha district

✓ C. Kutch district

✗ D. Vadodara district

Question ID : **4410092006125**
Option 1 ID : **4410097899911**
Option 2 ID : **4410097899913**
Option 3 ID : **4410097899912**
Option 4 ID : **4410097899910**
Status : **Marked For Review**
Chosen Option : **B**

Q.88 In 2026, which novel received the Sahitya Akademi Award 2025 in the English language category?

Ans

✗ A. Jeete Jee Allahabad

✗ B. Chronicles of the Silent River

✓ C. Crimson Spring

✗ D. Requiem in Raga Janki

Question ID : **4410092009205**
Option 1 ID : **4410097912091**
Option 2 ID : **4410097912092**
Option 3 ID : **4410097912093**
Option 4 ID : **4410097912090**
Status : **Not Answered**
Chosen Option : **--**

Q.89 India had made a historic return to which football tournament in 2026 after a 21-year gap by facing Australia in China?

Ans

✗ A. SAFF U-17 Women's Championship

✓ B. AFC U-17 Women's Asian Cup

✗ C. AFC U-20 Women's Asian Cup

✗ D. FIFA U-17 Women's World Cup

Question ID : **4410092008622**
Option 1 ID : **4410097909768**
Option 2 ID : **4410097909766**
Option 3 ID : **4410097909767**
Option 4 ID : **4410097909769**
Status : **Not Answered**
Chosen Option : **--**

Railway BABA

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Q.90 National Girl Child Day 2026 was observed across India on which of the following dates to promote girls' rights and empowerment?

Ans

✗ A. March 08

✓ B. January 24

✗ C. January 12

✗ D. February 13

Question ID : **4410092009290**
Option 1 ID : **4410097912433**
Option 2 ID : **4410097912431**
Option 3 ID : **4410097912430**
Option 4 ID : **4410097912432**
Status : **Marked For Review**
Chosen Option : **C**

Q.91 What was the name of the programme in which India had been participating since April 2016, under which 56 Indian school students and 4 supervisors had been flagged off at NCERT, New Delhi, for a visit to Japan in May 2026?

Ans

✓ A. Sakura Science Programme

✗ B. Kizuna Science Programme

✗ C. Mirai Science Programme

✗ D. Samurai Science Programme

Question ID : **4410092008604**
Option 1 ID : **4410097909694**
Option 2 ID : **4410097909697**
Option 3 ID : **4410097909696**
Option 4 ID : **4410097909695**
Status : **Not Answered**
Chosen Option : **--**

Q.92 BODH (Benchmarking Open Data Platform for Health AI), developed in collaboration with the National Health Authority for systematic evaluation of Health AI models, has been developed by which institution?

Ans

✗ A. National Institute of Technology

✗ B. All India Institute of Medical Sciences

✗ C. Indian Institute of Science

✓ D. Indian Institute of Technology Kanpur

Question ID : **4410092076319**
Option 1 ID : **4410098173907**
Option 2 ID : **4410098173906**
Option 3 ID : **4410098173908**
Option 4 ID : **4410098173905**
Status : **Answered**
Chosen Option : **D**

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Q.93 According to the Supreme Court judgment delivered on March 24, 2026, in the case of Chinthada Anand v. State of Andhra Pradesh, members professing which religions had been recognised as part of the Scheduled Caste community in India?

Ans

✗ A. Hinduism, Sikhism and Christianity

✗ B. Sikhism, Islam and Buddhism

✗ C. Hinduism, Christianity and Buddhism

✓ D. Hinduism, Sikhism and Buddhism

Question ID : **4410092008248**
Option 1 ID : **4410097908270**
Option 2 ID : **4410097908271**
Option 3 ID : **4410097908273**
Option 4 ID : **4410097908272**
Status : **Answered**
Chosen Option : **D**

Q.94 The MoSPI bulletin "Planet in Focus" covers India's environmental progress across how many specific Sustainable Development Goals (SDGs) in 2026?

Ans

✗ A. Three goals

✓ B. Five goals

✗ C. Six goals

✗ D. Four goals

Question ID : **4410092017034**
Option 1 ID : **4410097942307**
Option 2 ID : **4410097942309**
Option 3 ID : **4410097942310**
Option 4 ID : **4410097942308**
Status : **Not Answered**
Chosen Option : **--**

Q.95 As reported in April 2026, which state government launched the 'Safe Mobility Program' under which women from Self-Help Groups (SHGs) were trained as e-rickshaw pilots to provide safe transportation services for women and girls?

Ans

✗ A. Madhya Pradesh

✗ B. Rajasthan

✗ C. Bihar

✓ D. Uttar Pradesh

Question ID : **4410091980883**
Option 1 ID : **4410097802354**
Option 2 ID : **4410097802355**
Option 3 ID : **4410097802353**
Option 4 ID : **4410097802356**
Status : **Not Answered**
Chosen Option : **--**

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Q.96 On 17 November 2025, a significant Memorandum of Understanding (MoU) was signed between Gati Shakti Vishwavidyalaya (GSV) and which of the following in New Delhi?

Ans

✗ A. Defence Public Sector Undertakings

✗ B. Integrated Defence Staff

✓ C. Defence Research and Development Organization (DRDO)

✗ D. Defence Intelligence Agency

Question ID : **4410091526609**
Option 1 ID : **4410096029557**
Option 2 ID : **4410096029556**
Option 3 ID : **4410096029554**
Option 4 ID : **4410096029555**
Status : **Not Answered**
Chosen Option : **--**

Q.97 The Andhra Pradesh Reorganisation (Amendment) Bill, 2026, granted statutory recognition to which city as the sole and permanent capital of Andhra Pradesh?

Ans

✗ A. Visakhapatnam

✗ B. Kurnool

✗ C. Vijayawada

✓ D. Amaravati

Question ID : **4410092008995**
Option 1 ID : **4410097911254**
Option 2 ID : **4410097911255**
Option 3 ID : **4410097911256**
Option 4 ID : **4410097911257**
Status : **Answered**
Chosen Option : **D**

Q.98 Which organisation introduced the SWAGAT-FI portal in 2025 to simplify onboarding of long-term foreign investors through digital KYC?

Ans

✓ A. Securities and Exchange Board of India

✗ B. Reserve Bank of India

✗ C. National Payments Corporation of India

✗ D. State Bank of India

Question ID : **4410091632428**
Option 1 ID : **4410096447846**
Option 2 ID : **4410096447848**
Option 3 ID : **4410096447849**
Option 4 ID : **4410096447847**
Status : **Not Answered**
Chosen Option : **--**

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Q.99 Who had won the women's singles title at the Madrid Open 2026 after defeating Mirra Andreeva in the final?

Ans
✗ A. Iga Swiatek

✓ B. Marta Kostyuk

✗ C. Mirra Andreeva

✗ D. Aryna Sabalenka

Question ID : **4410092008616**
Option 1 ID : **4410097909744**
Option 2 ID : **4410097909742**
Option 3 ID : **4410097909743**
Option 4 ID : **4410097909745**
Status : **Marked For Review**
Chosen Option : **B**

Q.10 A senior artist from Rajasthan, recognized in early 2026, was celebrated for safeguarding an indigenous performing art rooted in spiritual and musical storytelling. Which distinguished name is linked to this honor according to official announcements?
0

Ans
✓ A. Shri Gafruddin Mewati Jogi

✗ B. Shri Bhiklya Ladakya Dhinda

✗ C. Shri Haricharan Saikia

✗ D. Shri Chiranji Lal Yadav

Question ID : **4410092011240**
Option 1 ID : **4410097919791**
Option 2 ID : **4410097919790**
Option 3 ID : **4410097919792**
Option 4 ID : **4410097919793**
Status : **Not Answered**
Chosen Option : **--**

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	17/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **In a garden ecosystem with rose plants, jasmine plants, insects, snake, and birds, which group captures solar energy and converts it into food for other organisms?**

Ans
- ✗ A. Insects
- ✗ B. Birds
- ✓ C. Rose and Jasmine plants
- ✗ D. Rose plant only

Q.2 **In Fleming's Left Hand Rule, which finger represents the direction of the magnetic field?**

Ans
- ✓ A. The index finger
- ✗ B. The middle finger
- ✗ C. The ring finger
- ✗ D. The thumb

Q.3 **If a person walks 5 meters east, then 12 meters west along a straight path, which value represents the magnitude of the person's displacement?**

Ans
- ✗ A. 17 meters
- ✗ B. 12 meters
- ✗ C. 5 meters
- ✓ D. 7 meters

Q.4 **A force of 45 N causes an object to move 3 m in the direction of the force. Calculate the work done.**

Ans
- ✗ A. 145 J
- ✓ B. 135 J
- ✗ C. 155 J
- ✗ D. 125 J

Q.5 **All of the following are consequences of overuse of nitrogen fertilisers, EXCEPT _____.**

Ans
- ✗ A. Soil and water degradation
- ✗ B. Algal bloom formation
- ✗ C. Fish death due to oxygen depletion
- ✓ D. Increased oxygen in water bodies

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Q.6 Which visible change confirms displacement reaction when iron reacts with copper sulphate solution?

Ans

✗ A. Solution temperature drops suddenly

✗ B. Colourless gas evolves rapidly

✓ C. Reddish-brown copper deposits appear

✗ D. White precipitate forms instantly

Q.7 The potential difference between two points in a circuit is 1 volt if:

Ans

✗ A. 1 ampere current flows for 1 second

✗ B. 1 joule of energy is consumed in 1 second

✓ C. 1 joule of work is done in moving 1 coulomb of charge

✗ D. 1 coulomb of charge flows through a resistance of 1 ohm

Q.8 Salivation when seeing food is an example of which type of action?

Ans

✓ A. Involuntary

✗ B. Planned

✗ C. Voluntary

✗ D. Self-propagated

Q.9 Which of the following best describes a food web?

Ans

✗ A. Relationship between producers in different food chains

✓ B. Interconnections between trophic levels in several food chains

✗ C. Role of decomposers at multiple trophic levels in food chains

✗ D. Bidirectional pathway of energy transfer in food chains

Q.10 How did Friedrich Wöhler challenge the vital force theory of organic compound synthesis?

Ans

✗ A. By extracting natural substances from living systems

✗ B. By discovering the catenation property of carbon

✓ C. By preparing urea from ammonium cyanate

✗ D. By synthesizing carbon dioxide in the lab

Q.11 Which simple permanent tissue in plants is mainly responsible for photosynthesis and storage of food?

Ans

✗ A. Collenchyma

✗ B. Sclerenchyma

✗ C. Phloem

✓ D. Parenchyma

Q.12 Which of the following correctly defines the mass number of an atom?

Ans

✗ A. Number of electrons only

✗ B. Number of protons only

✓ C. Sum of protons and neutrons

✗ D. Number of electrons plus neutrons

Q.13 A student observes a pencil half-immersed in water (refractive index 1.33) and notices the apparent bending is less than when the pencil is in a liquid with refractive index 1.5. What does this suggest about the relationship between refractive index and light bending?

Ans

✗ A. Greater refractive index reduces bending

✗ B. Refractive index has no effect on bending

✗ C. Bending is same for all liquids

✓ D. Greater refractive index increases bending

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Q.14 What is the approximate value of gastric juice in the human body?

Ans

✗ A. 6.5 - 6.8

✗ B. 7.0 - 7.4

✓ C. 0.9 -1.2

✗ D. 10 - 11

Q.15 Industrial machines made of steel often operate in moist environments. Which routine maintenance task is most effective in minimizing corrosion and ensuring machine longevity?

Ans

✗ A. Covering machines with paper sheets

✗ B. Wiping machines with dry towels

✗ C. Spraying water on the machines

✓ D. Applying lubricating oil on exposed parts

Q.16 A force of 300 N acts on an object. If displacement becomes three times larger while force remains constant, work done ____.

Ans

✗ A. becomes one-third

✗ B. becomes nine times

✗ C. remains same

✓ D. becomes three times

Q.17 Which respiratory pigment in human beings has the highest affinity for oxygen?

Ans

✓ A. Haemoglobin

✗ B. Keratin

✗ C. Hemocyanin

✗ D. Chlorophyll

Q.18 A scientist wants to obtain pure solid iodine from its mixture with sand. Which change of temperature process should they use?

Ans

✓ A. Sublimation

✗ B. Freezing

✗ C. Condensation

✗ D. Melting

Q.19 A prolonged drought in a forest causes widespread plant death. Based on the Earth's interconnected spheres, a likely consequence of this is:

Ans

✗ A. Stable carbon dioxide levels in the biosphere

✗ B. Immediate rise in nitrogen levels in rocks

✓ C. Disrupted oxygen balance across spheres

✗ D. Increased oxygen production in the atmosphere

Q.20 Which of the following statements best explains why sound can NOT travel through a vacuum?

Ans

✗ A. Sound needs light to travel, and a vacuum lacks light.

✗ B. Sound travels faster in a vacuum because there are no obstacles.

✓ C. Sound requires particles to transfer energy, but a vacuum has no particles.

✗ D. Sound waves in a vacuum change their pitch to inaudible levels.

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Q.21 Imagine a scientist is analyzing an unknown atom and finds it has a mass number of 24 and an atomic number of 12. If the atom gains two neutrons due to a nuclear reaction, what will be its new mass number?

Ans

✗ A. 12

✓ B. 26

✗ C. 24

✗ D. 14

Q.22 Which plant tissue is dead at maturity but functional for transport of water and minerals?

Ans

✗ A. Phloem

✗ B. Parenchyma

✗ C. Collenchyma

✓ D. Xylem

Q.23 The study of metals and their properties belongs to which branch of chemistry?

Ans

✗ A. Physical chemistry

✓ B. Inorganic chemistry

✗ C. Biochemistry

✗ D. Analytical chemistry

Q.24 A 0.6 kg soccer ball and a 1.0 kg basketball are kicked with the same acceleration. Which will experience a greater force, according to Newton's second law?

Ans

✗ A. The soccer ball, because it is lighter

✓ B. The basketball, because it has greater mass

✗ C. The ball with higher acceleration, regardless of mass

✗ D. Both experience the same force

Q.25 Which of the following actions would most effectively reduce reverberation in a large auditorium?

Ans

✗ A. Painting the walls with regular paint

✗ B. Removing some of the seats in the auditorium

✗ C. Adding more loudspeakers to the auditorium

✓ D. Installing curtains and carpets throughout the space

Section : **Mathematics**

Q.26 If $\sin A = \frac{4}{5}$, A is an acute angle, then find the value of $\sec A \times \sin A - \operatorname{cosec} A \times \cos A$.

Ans

✗ A. $\frac{3}{8}$

✓ B. $\frac{7}{12}$

✗ C. $\frac{5}{6}$

✗ D. 0

Q.27 Arvind bought an article for ₹x. He sold it to Biru at a loss of 15%. Biru spent ₹157 on its transportation and sold it to Minu at a profit of 40%. If Minu bought it for ₹1,505, then what is the value of x?

Ans

✓ A. 1,080

✗ B. 1,160

✗ C. 1,180

✗ D. 1,060

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Q.28 The mean and the mode of a set of data are 53.8 and 75.7, respectively. Find the median of the data, using the empirical formula.

Ans

✗ A. 61.2

✗ B. 60.8

✗ C. 60.5

✓ D. 61.1

Q.29 The following table shows the number of books sold by a bookstore in four categories over three months, along with the average selling price per book.

Month	Fiction	Non-Fiction	Children's Books	Academic	Avg. Selling Price per Book (₹)
Jan	1,200	900	1,500	800	250
Feb	1,400	1,000	1,600	900	260
Mar	1,300	1,200	1,700	1,000	270

In which month was the ratio of Children's Books to Academic Books sold the highest?

Ans

✗ A. February

✗ B. Same in all months

✗ C. March

✓ D. January

Q.30 The 7-digit number 86A238B is divisible by 3. What is the minimum value of (A + B)?

Ans

✗ A. 5

✗ B. 4

✗ C. 3

✓ D. 0

Q.31 Two triangles LMN and OPQ are congruent. If the area of ΔLMN is 74 cm^2, then the area of ΔOPQ will be:

Ans

✓ A. 74 cm^2

✗ B. 37 cm^2

✗ C. 148 cm^2

✗ D. 18.5 cm^2

Q.32 The income of Raman is ₹68,800. He saves 18.5% of his income. If his income increases by 17% and expenditure increases by 25%, then his savings will:

Ans

✗ A. increase by ₹2,319

✗ B. increase by ₹2,325

✓ C. decrease by ₹2,322

✗ D. decrease by ₹2,325

Q.33 Find the simple interest (in ₹) if a sum of ₹600 is borrowed for 2.5 years at 8% per annum rate of interest.

Ans

✗ A. 100

✗ B. 220

✓ C. 120

✗ D. 170

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Q.34 A family with a monthly income of ₹60,000 spends 30% of this amount on food. What is the monetary value of this expenditure?

Ans

✗ A. ₹10,000

✓ B. ₹18,000

✗ C. ₹12,000

✗ D. ₹15,000

Q.35 In triangle PQR, the sides PQ and PR are fixed with lengths 26 cm and 17 cm, respectively. Point S lies on side QR such that the ratio QS:SR = 3:5. The area of triangle PQS is 120 cm^2. Find the area of triangle PQR.

Ans

✗ A. 308 cm^2

✗ B. 322.5 cm^2

✓ C. 320 cm^2

✗ D. 315 cm^2

Q.36 The value of $\left[\frac{\sin^2 25^\circ + \sin^2 65^\circ}{\cos^2 25^\circ + \cos^2 65^\circ} + \sin^2 57^\circ + \cos 57^\circ \sin 33^\circ\right]$ is:

Ans

✗ A. −1

✗ B. 0

✗ C. 1

✓ D. 2

Q.37 Ravi buys 2 kg of apples at ₹100 per kg and 3 kg of bananas at ₹60 per kg. What is the average price per kg of the fruits he bought?

Ans

✓ A. ₹76

✗ B. ₹70

✗ C. ₹80

✗ D. ₹72

Q.38 Sumanth covers a certain distance by car, driving at 29 km/hr, and he returns to the starting point riding on a scooter with a speed of 28 km/hr. Find the average speed for the whole journey.

Ans

✗ A. $26\frac{28}{57}$ km/hr

✗ B. $27\frac{28}{57}$ km/hr

✓ C. $28\frac{28}{57}$ km/hr

✗ D. $29\frac{28}{57}$ km/hr

Q.39 Calculate the mean from the following items.

163, 141, 155, 175, 186, 206

Ans

✓ A. 171

✗ B. 170

✗ C. 172

✗ D. 173

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Q.40 A bus travels from City A to City B, which are 210 km apart. For the last 90 km, the bus increases its speed by 5 km/h than the speed that it had been traveling. If the average speed of the journey is 42 km/h, find the total time (in hours) taken for the journey if the bus travels the whole distance at the speed at which it travelled the first part of the journey.

Ans
- ✗ A. 4.67
- ✗ B. 4.75
- ✗ C. 5.62
- ✓ D. 5.25

Q.41 Given that $52^{0.21} = x$, $52^{0.18} = y$ and $x^z = y^{10}$, then the value of z is close to:

Ans
- ✓ A. 8.57
- ✗ B. 7.97
- ✗ C. 6.58
- ✗ D. 9.66

Q.42 P, Q, and R start a business together, investing amounts in the ratio 4:5:6. If the total profit is divided among them in the same ratio and Q receives ₹15,000, what is the total profit?

Ans
- ✓ A. ₹45,000
- ✗ B. ₹51,000
- ✗ C. ₹60,000
- ✗ D. ₹54,000

Q.43 The ratio of the total surface area to the lateral surface area of a cylinder whose radius is 20 cm and height 60 cm is:

Ans
- ✗ A. 3:4
- ✗ B. 2:3
- ✗ C. 3:2
- ✓ D. 4:3

Q.44 5 men and 15 women can complete a task in 10 days, while 15 men and 5 women can complete it in 20 days. In how many days will 40 women complete the task?

Ans
- ✗ A. 15 days
- ✓ B. 4 days
- ✗ C. 30 days
- ✗ D. 10 days

Q.45 Simplify: $(a + b)^2 - (a - b)^2$

Ans
- ✗ A. 2ab
- ✓ B. 4ab
- ✗ C. $a^2 + b^2$
- ✗ D. $a^2 - b^2$

Q.46 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 17% and 35%, shop II allows successive discounts of 99% and 23%, shop III allows successive discounts of 31% and 98% and shop IV allows successive discounts of 66%, 30%, and 37% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. IV
- ✗ B. I
- ✗ C. III
- ✓ D. II

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Q.47 The ratio of two numbers is 2 : 5. If their sum is 49, find the larger of the two numbers.

Ans
- ✔ A. 35
- ✘ B. 14
- ✘ C. 42
- ✘ D. 25

Q.48 Three ropes of lengths 12 m, 18 m, and 24 m are to be cut into pieces of equal length, with no rope left unused. What is the greatest possible length of each piece (in meters)?

Ans
- ✘ A. 12
- ✘ B. 3
- ✘ C. 9
- ✔ D. 6

Q.49 Mahesh deposited a certain sum of money at 20% rate of interest per annum, compounded annually. At the end of 2 years, Mahesh received a total amount of ₹18,000. What was the sum of money deposited by Mahesh?

Ans
- ✘ A. ₹12,996
- ✘ B. ₹12,800
- ✔ C. ₹12,500
- ✘ D. ₹12,129

Q.50 A city has a population of 80,000. The population increases by 10% in the first year, decreases by 5% in the second year, and again increases by 20% in the third year. What is the final population?

Ans
- ✘ A. 1,01,320
- ✔ B. 1,00,320
- ✘ C. 1,10,320
- ✘ D. 1,07,320

Section : **General Intelligence and Reasoning**

Q.51 UO 7 is related to WR -2 in a certain way. In the same way, EK 12 is related to GN 3. To which of the following is VW 2 related, following the same logic?

Ans
- ✘ A. VX -5
- ✘ B. XW -6
- ✔ C. XZ -7
- ✘ D. GT -8

Q.52 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) D D O J J D A U B E K E H M Y V U A V I I H (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans
- ✔ A. 3
- ✘ B. 2
- ✘ C. 4
- ✘ D. 5

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Q.53 This question is based on the following words.
JAR ORA VET AND
In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✔ A. Two
- ✘ B. Three
- ✘ C. Four
- ✘ D. One

Q.54 If 'I' stands for '+' , 'J' stands for '×', 'K' stands for '÷', and 'L' stands for '-' what will come in place of the question mark '?' in the following equation?
9 J 5 I 40 K 8 L 10 = ?

Ans
- ✘ A. 25
- ✘ B. 31
- ✔ C. 40
- ✘ D. 54

Q.55 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question: P, Q, R, S, and T are of different ages. Who is the oldest?
Statements:
(I) R is older than S and T, but younger than Q.
(II) Q is younger than P. P is older than R.

Ans
- ✔ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
- ✘ B. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✘ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✘ D. Both statements I and II together are NOT sufficient to answer the question

Q.56 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) 2 M & 8 L $ 4 K % 7 G # H 7 @ 3 N ! O C * (Right)

How many such symbols are there, which are immediately preceded by a letter and also immediately followed by a number?

Ans
- ✔ A. Three
- ✘ B. One
- ✘ C. None
- ✘ D. Two

Q.57 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then what will come in place of the question mark (?) in the following equation?

12 A 4 B 5 C 7 D 8 = ?

Ans
- ✘ A. 12
- ✘ B. 11
- ✘ C. 13
- ✔ D. 14

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Q.58 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
Only four people sit between Q and R. Only Q sits to the left of I. Only P sits between J and Z and J is not an immediate neighbor of R.
Who sits at the extreme right of the row?

Ans
- ✗ A. Q
- ✗ B. R
- ✗ C. J
- ✓ D. K

Q.59 Each vowel in the word DECOLORISES is changed to the second letter following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
- ✗ A. Two
- ✓ B. Three
- ✗ C. Four
- ✗ D. One

Q.60 DMVY is related to TCLO in a certain way based on the English alphabetical order. In the same way, PYHK is related to FOXA. To which of the following options is LUDG related, following the same logic?

Ans
- ✓ A. BKTW
- ✗ B. BWET
- ✗ C. BKIO
- ✗ D. BTRE

Q.61 Nine boxes, M, N, O, P, Q, R, S, T and U, are kept one over the other, but not necessarily in the same order.
P is kept at the fifth position from the top. Only three boxes are kept between P and N. N is not kept at the bottom. Only two boxes are kept between Q and N. Only S is kept between M and R. O is kept immediately below R. T is not kept immediately below N.
How many boxes are kept exactly between U and S?

Ans
- ✗ A. Three
- ✓ B. Four
- ✗ C. Two
- ✗ D. One

Q.62 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Among five people – P, Q, R, S, and T – who is the oldest?
(I) P is older than Q. Q is older than R. R is older than S. S is older than T.
(II) Q is older than R.

Ans
- ✗ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✓ B. Data in statement I alone is sufficient to answer the question while data in statement II is not.
- ✗ C. Both statements I and II together are NOT sufficient to answer the question.
- ✗ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Q.63 What should come in place of the question mark (?) in the given series?

142 199 167 224 192 249 ?

Ans
- ✗ A. 225
- ✗ B. 209
- ✗ C. 201
- ✓ D. 217

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Q.64 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged, and '×' and '÷' are interchanged?

620 × 4 + 6 ÷ 8 − 6 = ?

Ans
✗ A. 82
✓ B. 113
✗ C. 132
✗ D. 72

Q.65 This question is based on the given words.

COW KEY FAN BAR

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many words thus formed will have no vowel?

Ans
✗ A. None
✗ B. Two
✓ C. Three
✗ D. Four

Q.66 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Charu related to Atul if 'Charu # Gopal @ Rahul % Vinay $ Atul'?

Ans
✗ A. Wife's mother's mother's brother
✗ B. Wife's mother's mother's father
✓ C. Wife's father's mother's brother
✗ D. Wife's father's mother's father

Q.67 If all the letters in the word COLLEAGUE are arranged in the English alphabetical order, then which letter will be fifth from the right end in the new letter-cluster thus formed?

Ans
✗ A. E
✓ B. G
✗ C. O
✗ D. L

Q.68 Select the pair that follows the same pattern as the one followed by the two pairs given below. Both pairs follow the same pattern.

XVT−WUS
VTR−USQ

Ans
✗ A. JHF−HGD
✗ B. JGD−IGE
✗ C. JGD−HFD
✓ D. JHF−IGE

Q.69 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
✓ A. UX - VZ
✗ B. PS - QT
✗ C. KN - LO
✗ D. GJ - HK

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Q.70 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
38 - 114 - 228 ;
76 - 228 - 456

Ans
- ✔ A. 89 - 267 - 534
- ✘ B. 49 - 157 - 299
- ✘ C. 54 - 166 - 324
- ✘ D. 66 - 198 - 369

Q.71 In a certain code language, 'this chair is strong' is coded as 'ra mn kb lt' and 'smoking is bad habit' is coded as 'mn tg lo cx'. How is 'is' coded in that language? (All the codes are two-letter codes only.)

Ans
- ✘ A. ra
- ✘ B. tg
- ✘ C. cx
- ✔ D. mn

Q.72 In a certain code language,
A + B means 'A is the daughter of B',
A @ B means 'A is the brother of B',
A - B means 'A is the wife of B', and
A # B means 'A is the father of B'.

Based on the above, how is D related to G if 'D + Y @ R # B - G'?

Ans
- ✘ A. Father's brother's wife
- ✘ B. Father's brother's daughter
- ✔ C. Wife's father's brother's daughter
- ✘ D. Wife's father's brother's wife

Q.73 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. OQ - WY
- ✘ B. PR - XZ
- ✔ C. IK - MK
- ✘ D. MO - UW

Q.74 Mr. Tosi starts from Point A and drives 21 km towards the North. He then takes a left turn, drives 32 km, turns left and drives 25 km. He then takes a left turn and drives 40 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✘ A. 6 km to the West
- ✘ B. 9 km to the East
- ✘ C. 5 km to the East
- ✔ D. 8 km to the West

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Q.75 Seven people, P, Q, S, T, U, V, and W, are sitting in a row, all facing the north. No one sits to the left of U. There are exactly four people between U and Q. Only three people sit to the right of W. T sits immediately to the left of V. P is not an immediate neighbour of W. Based on the given information, who is sitting at the rightmost end of the line?

Ans
- ✗ A. Q
- ✓ B. P
- ✗ C. S
- ✗ D. T

Q.76 Piyush ranked 18th from the top and 62nd from the bottom in his class. How many students are there in his class?

Ans
- ✗ A. 78
- ✗ B. 77
- ✗ C. 80
- ✓ D. 79

Q.77 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 7 8 7 8 5 6 9 4 8 7 5 9 8 4 7 3 4 9 1 9 3 2 9 (Right)

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

Ans
- ✗ A. None
- ✗ B. One
- ✓ C. Three
- ✗ D. Two

Q.78 9 is related to 22 following a certain logic. Following the same logic, 11 is related to 28. To which of the following is 7 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 26
- ✗ B. 18
- ✗ C. 20
- ✓ D. 16

Q.79 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CZX WTR QNL KHF ?

Ans
- ✗ A. EXR
- ✗ B. ERT
- ✗ C. EBY
- ✓ D. EBZ

Q.80 A, B, C, D, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only B lives above C. S lives immediately below C. Only A lives below T. Who lives on floor number 3?

Ans
- ✗ A. A
- ✗ B. S
- ✗ C. T
- ✓ D. D

Section : **General Awareness and Current Affairs**

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Q.81 According to the World Health Organization (WHO), what was the theme of World AIDS Day observed on December 1, 2025?

Ans

✔ A. Overcoming disruption, transforming the AIDS response

✘ B. Hope and Progress: Fighting HIV Together

✘ C. Ending AIDS: A Global Commitment

✘ D. United for a World Without AIDS

Q.82 Which two countries signed an agreement in 2025 concerning the sovereignty of the Chagos Archipelago?

Ans

✘ A. France and Seychelles

✘ B. India and Maldives

✘ C. United States and Mauritius

✔ D. United Kingdom and Mauritius

Q.83 Which chess player had secured the bronze medal at the 2025 FIDE World Blitz Chess Championship conducted in Doha during December 2025?

Ans

✘ A. Magnus Carlsen

✘ B. Wesley So

✔ C. Arjun Erigaisi

✘ D. Nodirbek Abdusattorov

Q.84 According to the Germanwatch Climate Risk Index 2026, which assesses climate-related impacts for the period 1995–2024, what rank did India secure?

Ans

✘ A. 12^{th}

✔ B. 9^{th}

✘ C. 5^{th}

✘ D. 7^{th}

Q.85 According to the Supreme Court's 2026 ruling on trafficking and commercial sexual exploitation of minors, traffickers may be prosecuted under the Protection of Children from Sexual Offences (POCSO) Act in addition to which combination of laws?

Ans

✘ A. Information Technology Act and Immoral Traffic (Prevention) Act

✔ B. Bharatiya Nyaya Sanhita and Immoral Traffic (Prevention) Act

✘ C. Bharatiya Nagarik Suraksha Sanhita and Juvenile Justice Act

✘ D. Juvenile Justice Act and Bharatiya Sakshya Adhiniyam

Q.86 According to the MoSPI bulletin "Planet in Focus," which specific Sustainable Development Goal (SDG) represents India's progress in clean water and sanitation in 2026?

Ans

✔ A. SDG 6

✘ B. SDG 5

✘ C. SDG 8

✘ D. SDG 7

Q.87 Which of the following Northeast cities was selected for the inauguration of the Integrated Multipurpose Indoor Sports Complex in May 2026?

Ans

✘ A. Kohima

✔ B. Shillong

✘ C. Imphal

✘ D. Agartala

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Q.88 Which force's first all-women expedition team successfully scaled Mount Everest in 2026, receiving congratulations from Union Minister Jitendra Singh?

Ans

✗ A. Sashastra Seema Bal

✓ B. Indo-Tibetan Border Police

✗ C. Central Reserve Police Force

✗ D. Border Security Force

Q.89 On May 2, 2026, India launched an indigenous Cell Broadcast System (CBS) for disaster alerts. Which organisation developed this technology?

Ans

✗ A. TRAI (Telecom Regulatory Authority of India)

✗ B. DRDO (Defence Research and Development Organisation)

✓ C. C-DOT (Centre for Development of Telematics)

✗ D. ISRO (Indian Space Research Organisation)

Q.90 India assumed the Chairship of which international grouping for the year 2026?

Ans

✗ A. OECD

✗ B. G7

✓ C. BRICS

✗ D. ASEAN

Q.91 Which tennis player had won the men's singles title at the Australian Open 2026 and became the youngest male player to complete the career Grand Slam?

Ans

✓ A. Carlos Alcaraz

✗ B. Novak Djokovic

✗ C. Daniil Medvedev

✗ D. Jannik Sinner

Q.92 In December 2025, Armed Forces Medical Services in collaboration with eHealth AI Unit of the Ministry of Health & Family Welfare (MoHFW) launched the country's first AI-assisted screening programme for which disease?

Ans

✗ A. Breast Cancer

✗ B. Tuberculosis

✗ C. Stroke

✓ D. Diabetic Retinopathy

Q.93 Following the 2026 Assembly election results, in which state did the INC-led United Democratic Front (UDF) return to power after approximately a decade?

Ans

✓ A. Kerala

✗ B. Karnataka

✗ C. Andhra Pradesh

✗ D. Tamil Nadu

Q.94 The 60th National Cross Country Championships held on 24 January 2026 was organized in which city?

Ans

✗ A. Guwahati

✗ B. Patiala

✗ C. Bhopal

✓ D. Ranchi

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Q.95 **Which novel won the Pulitzer Prize for Fiction in 2026 for its World War I narrative blending allegory, magical realism, and science fiction?**

Ans

✗ A. The Heaven and Earth Grocery Store

✗ B. Demon Copperhead

✗ C. Trust

✓ D. Angel Down

Q.96 **In which month did the Grand Finale of the 63rd National Maritime Day Celebrations take place in Mumbai in 2026?**

Ans

✗ A. February

✗ B. March

✓ C. April

✗ D. January

Q.97 **Which policy think tank and administrative body of the Government of India was in the news in May 2026 for launching the Central Prabhari Officer (CPO) Portal to strengthen real-time governance and last-mile delivery in Aspirational Districts and Blocks?**

Ans

✓ A. NITI Aayog

✗ B. Finance Commission

✗ C. Election Commission of India

✗ D. Union Public Service Commission

Q.98 **In January 2026, the Delhi Government signed a Memorandum of Understanding (MoU) with which banking institution to act as its banker and debt manager?**

Ans

✓ A. Reserve Bank of India (RBI)

✗ B. National Bank for Agriculture and Rural Development (NABARD)

✗ C. State Bank of India (SBI)

✗ D. Export-Import Bank of India (EXIM Bank)

Q.99 **Which important social justice legislation was passed during the Budget Session 2026?**

Ans

✗ A. National Urban Migration Regulation and Housing Equity Bill, 2026

✓ B. Transgender Persons Protection of Rights Amendment Bill, 2026

✗ C. National Digital Privacy and Electoral Authentication Act, 2026

✗ D. Uniform Agricultural Land Redistribution and Rehabilitation Bill, 2026

Q.100 **On February 14, 2026, the Ministry of Women and Child Development organised the National Conference on Safety of Women at Workplace at Vigyan Bhawan, New Delhi. The conference was associated with which platform?**

Ans

✗ A. Nari Shakti Portal

✗ B. Mission Poshan Tracker

✓ C. SHe-Box

✗ D. Beti Bachao Dashboard

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	17/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Blood is a connective tissue because it links different body systems. What is the liquid matrix in which blood cells are suspended?**

Ans
- ✗ A. Cytoplasm
- ✗ B. Platelets
- ✓ C. Plasma
- ✗ D. Haemoglobin

Q.2 **An experiment uses a compass near a straight current-carrying wire. What does the compass needle indicate?**

Ans
- ✗ A. The compass needle shows no movement
- ✓ B. The compass needle aligns tangentially to the magnetic field circle around the wire
- ✗ C. The compass needle aligns parallel to the wire
- ✗ D. The compass needle points radially away from the wire

Q.3 **What are the two main components of a colloidal solution?**

Ans
- ✓ A. Dispersed phase and dispersion medium
- ✗ B. Metal phase and non-metal medium
- ✗ C. Reactant phase and product medium
- ✗ D. Solute phase and solvent medium

Q.4 **In a scenario where excess extracellular fluid is not drained back into the blood, which system's malfunction is most likely responsible?**

Ans
- ✗ A. Circulatory system
- ✗ B. Nervous system
- ✓ C. Lymphatic system
- ✗ D. Digestive system

Q.5 **When a tuning fork vibrates and produces sound, what type of waves is created in the surrounding air?**

Ans
- ✗ A. A transverse wave with crests and troughs.
- ✓ B. A longitudinal wave with compressions and rarefactions.
- ✗ C. A surface wave moving in circles.
- ✗ D. A wave where energy moves but particles do not.

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Q.6 The resistivity of a material is defined as the resistance offered by a conductor of that material having:

Ans
- ✔ A. Unit length and unit cross-sectional area
- ✘ B. Half the length and double the cross-sectional area
- ✘ C. Double the length and unit cross-sectional area
- ✘ D. Unit length and half the cross-sectional area

Q.7 Which situation demonstrates Newton's second law of motion?

Ans
- ✔ A. A heavy truck requires more force to accelerate than a small car
- ✘ B. A stationary object resting on a table
- ✘ C. A ball rolling at a constant speed on a flat surface
- ✘ D. A swimmer pushes water backward and moves forward

Q.8 In what way does geotropism support effective rooting in plants?

Ans
- ✘ A. It makes roots grow toward sunlight.
- ✔ B. It directs roots to grow downward, anchoring the plant and helping them access moisture and nutrients.
- ✘ C. It prevents roots from branching.
- ✘ D. It directs photosynthetic tissues into the soil.

Q.9 Among the following, which is transported in xylem?

Ans
- ✘ A. Proteins
- ✔ B. Water and minerals
- ✘ C. Amino acids
- ✘ D. Glucose

Q.10 Which statement correctly describes the valency exhibited by phosphorus?

Ans
- ✘ A. Phosphorus exhibits only a valency of three.
- ✔ B. Phosphorus can exhibit valency of three or five
- ✘ C. Phosphorus exhibits only a valency of two.
- ✘ D. Phosphorus exhibits only a valency of five.

Q.11 The IUPAC name of the compound $CH_3 – CH_2 – C(CH_3)_2 – CH_2 – CH_3$ is:

Ans
- ✘ A. 2,2-dimethylpentane
- ✘ B. 2-methylhexane
- ✘ C. 3-ethylpentane
- ✔ D. 3,3-dimethylpentane

Q.12 Which of the following conditions is necessary to hear an echo clearly?

Ans
- ✔ A. Time interval must be at least 0.1 s
- ✘ B. Source of sound must be very strong
- ✘ C. Listener must be moving
- ✘ D. The reflecting surface must be soft

Q.13 How do root hair help plants in the process of absorbing water and minerals from the soil?

Ans
- ✔ A. They increase the surface area of absorption.
- ✘ B. They transport food to leaves.
- ✘ C. They synthesize food.
- ✘ D. They provide mechanical support.

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Q.14 **Which wavelength range is primarily responsible for heating the Earth's surface and contributing to the greenhouse effect?**

Ans

✗ A. Radio waves

✗ B. Visible light

✓ C. Infrared radiation

✗ D. Ultraviolet radiation

Q.15 **If a student mixes acetic acid with sodium hydroxide and observes bubbling, what might explain this observation?**

Ans

✗ A. Water is forming as the only product

✓ B. A contaminant like carbonate is present

✗ C. The reaction is very slow

✗ D. The reaction is already complete

Q.16 **A rare genetic disorder causes the hard matrix of a certain connective tissue to become less rigid, leading to frequent bone fractures. What is the most likely explanation for this observation?**

Ans

✗ A. Decrease in plasma proteins in blood matrix

✗ B. Loss of proteins and sugars in cartilage matrix

✓ C. A defect in type I collagen due to Mutation in *COL1A1* or *COL1A2* genes

✗ D. Reduction in calcium and phosphorus compounds in bone matrix

Q.17 **If an image is formed three times the size of the object and is inverted, what is the possible position of the object with respect to a concave mirror of focal length 10 cm?**

Ans

✓ A. Object placed 13.3 cm from the mirror

✗ B. Object placed 6.6 cm from the mirror

✗ C. Object placed 10 cm from the mirror

✗ D. Object placed 20 cm from the mirror

Q.18 **A science teacher asks students to identify an organism under the microscope. The organism is single-celled, has a rigid cell wall, and produces oxygen through photosynthesis. Which organism is most likely being observed?**

Ans

✗ A. Paramecium

✗ B. Euglena

✗ C. Amoeba

✓ D. Cyanobacterium

Q.19 **Which of the following pairs of elements is most likely to form an ionic bond?**

Ans

✗ A. Nitrogen and oxygen

✗ B. Hydrogen and carbon

✗ C. Copper and iron

✓ D. Magnesium and chlorine

Q.20 **What type of chemical reaction is represented by CaO(s) + H2O(l) → Ca(OH)2(aq) + Heat?**

Ans

✗ A. Displacement reaction

✗ B. Double displacement reaction

✗ C. Decomposition reaction

✓ D. Combination reaction

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Q.21 If a car is gradually pushed to a speed of 1 m/s, what determines the change in its momentum according to the second law of motion?

Ans

✗ A. The magnitude of force alone is enough to determine the change.

✓ B. Both the magnitude of the force and the time during which the force is applied determine the change in momentum.

✗ C. Only the mass of the car determines the change in momentum.

✗ D. Only the direction of motion changes the momentum.

Q.22 Which property is most affected if the length of the carbon chain in an alkane increases?

Ans

✓ A. Boiling point

✗ B. Color

✗ C. Flammability

✗ D. Electrical conductivity

Q.23 Which of the following statements are correct for electrolytic refining?

a. Copper, zinc, and nickel are refined electrolytically.
b. In this method, a thin strip of pure metal is used as cathode.
c. The insoluble impurities settled at bottom of the anode are known as anode mud.

Ans

✗ A. a and c only

✗ B. a and b only

✗ C. b and c only

✓ D. All a, b and c

Q.24 An object is moving eastward. Which force will definitely do negative work on it?

Ans

✗ A. A force acting downward

✗ B. A force acting eastward

✗ C. A force acting upward

✓ D. A force acting westward

Q.25 An object is placed at a certain height above the ground. Which form of energy does it possess due to its position?

Ans

✗ A. Thermal energy

✗ B. Chemical energy

✓ C. Potential energy

✗ D. Kinetic energy

Section : **Mathematics**

Q.26 The area of a field in the shape of a trapezium measure 2937.6 m^2. The perpendicular distance between its parallel sides is 14.4 m. If the ratio of the parallel sides is $\frac{7}{12} : \frac{4}{15}$, the length of the longer parallel side is:

Ans

✗ A. 175 m

✗ B. 315 m

✗ C. 140 m

✓ D. 280 m

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Q.27 If $\operatorname{cosec}\alpha + \cot\alpha = 4$, then the value of $\cos\alpha$ is:

Ans
- ✗ A. $\frac{12}{17}$
- ✓ B. $\frac{15}{17}$
- ✗ C. $\frac{8}{17}$
- ✗ D. $\frac{4}{17}$

Q.28 If the ratio of two numbers is 4 : 9, and their HCF is 34, then their LCM is:

Ans
- ✗ A. 1214
- ✓ B. 1224
- ✗ C. 1227
- ✗ D. 1250

Q.29 The value of (1 + sec 15° + cot 75°)(1 – cosec 15° + tan 75°) is equal to:

Ans
- ✗ A. 0
- ✓ B. 2
- ✗ C. 1
- ✗ D. −1

Q.30 Rishi can prepare one wooden wardrobe in 2 days, and Shan can prepare the same wardrobe in 4 days. If they work together, in how many days will they prepare 126 wardrobes of the same kind?

Ans
- ✗ A. 164
- ✗ B. 170
- ✗ C. 172
- ✓ D. 168

Q.31 A milkman mixes water costing ₹0/litre with milk costing ₹20/litre. If the mixture is sold at ₹16/litre and there is neither gain accrued nor loss incurred in the transaction, find the ratio of milk to water in the mixture.

Ans
- ✗ A. 3 : 1
- ✓ B. 4 : 1
- ✗ C. 5 : 1
- ✗ D. 1 : 1

Q.32 In a classroom survey, the average weight of 36 students was recorded as 50 kg. Later, it was found that one student's weight had been wrongly entered as 73 kg instead of 37 kg. What is the correct average weight of the class?

Ans
- ✗ A. 47 kg
- ✓ B. 49 kg
- ✗ C. 50 kg
- ✗ D. 48 kg

Q.33 Two banks, A and B, offered loans at 3.5% and 8.5% per annum, respectively. Tushar borrowed an amount of ₹4,60,000 from each bank. Find the positive difference between the amounts (in ₹) of simple interest paid to the two banks by Tushar after 4 years.

Ans
- ✗ A. 93,000
- ✗ B. 91,500
- ✗ C. 93,500
- ✓ D. 92,000

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Q.34 A cyclist covers 60 km at a speed of 20 km/h, 90 km at a speed of 30 km/h and 150 km at a speed of 25 km/h.
Find the average speed of the cyclist for the entire journey.

Ans
- ✗ A. 27 km/h
- ✗ B. 24 km/h
- ✓ C. 25 km/h
- ✗ D. 26 km/h

Q.35 What is the value of x if $\sqrt{\sqrt{x+3}} = 2$

Ans
- ✓ A. 13
- ✗ B. 9
- ✗ C. 14
- ✗ D. 8

Q.36 Deepak and Esha invest ₹40,000 and ₹60,000 in a partnership, respectively. Deepak withdraws all his money after 6 months, while Esha keeps her money invested for the entire year. If the total profit at the end of the year is ₹22,000, find Deepak's share of the profit.

Ans
- ✓ A. ₹5,500
- ✗ B. ₹6,500
- ✗ C. ₹7,200
- ✗ D. ₹8,000

Q.37 A sum of ₹30,000 is invested at a rate of 20% per annum. Find the difference in the final amount after 2 years if the interest is compounded annually and compounded half-yearly.

Ans
- ✗ A. ₹720
- ✗ B. ₹733
- ✓ C. ₹723
- ✗ D. ₹713

Q.38 A vendor sells 22 chocolates for ₹1 and makes a profit of 50%. How many chocolates did he buy for ₹1?

Ans
- ✗ A. 35
- ✗ B. 44
- ✓ C. 33
- ✗ D. 39

Q.39 The total surface area of a cube having side 36 cm is:

Ans
- ✗ A. 7868 cm^2
- ✗ B. 7734 cm^2
- ✓ C. 7776 cm^2
- ✗ D. 7826 cm^2

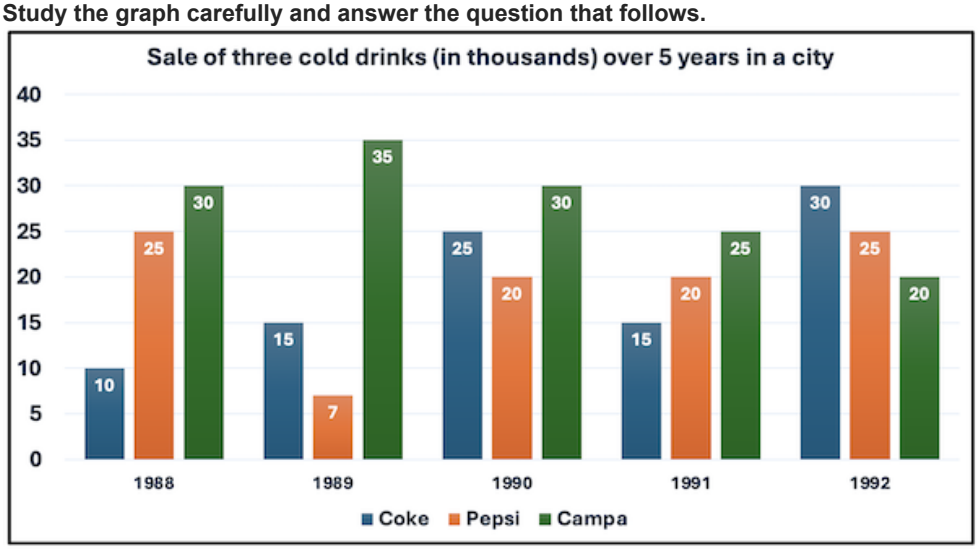
Q.40 A man spends 45% of his monthly salary on the household, 20% of the remaining on transport and saves the remaining amount of ₹88,000. What is his monthly salary (in ₹)?

Ans
- ✗ A. 2,50,000
- ✗ B. 2,22,500
- ✗ C. 2,40,000
- ✓ D. 2,00,000

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Q.41 The following bar graph shows the sale of three cold drinks (in thousands) over a period of 5 years.
Study the graph carefully and answer the question that follows.



Find the maximum average annual sale of any cold drink in the given period.

Ans
- ✗ A. 26,000
- ✓ B. 28,000
- ✗ C. 24,000
- ✗ D. 32,000

Q.42 The mean and median of 150 observations are 70 and 74, respectively. The value of the largest observation is 125. It was later found that it is 200 and not 125. What is the true value of mode?

Ans
- ✓ A. 81
- ✗ B. 78
- ✗ C. 84
- ✗ D. 92

Q.43 A shopkeeper offers the following discount schemes on toys, all having the same marked price:
(A) Successive discounts of 45% and 6% on any number of toys purchased.
(B) Successive discounts of 17%, 49%, and 6% on any number of toys purchased.
(C) A discount of 47% on the first 8 toys and a discount of 25% on each toy thereafter.
(D) Buy 9 toys and get 8 toys free of cost.
A customer wants to buy 9 toys. Which of the above schemes is least beneficial to her?

Ans
- ✗ A. D
- ✗ B. B
- ✗ C. A
- ✓ D. C

Q.44 The compound interest earned in 1 year on ₹2,50,000 at the rate of 40% per annum, compounded quarterly, is:

Ans
- ✓ A. ₹1,16,025
- ✗ B. ₹1,15,931
- ✗ C. ₹1,16,033
- ✗ D. ₹1,16,416

Q.45 Find the length of the chord which is at a distance of 4 cm from the centre of a circle whose radius is 5 cm.

Ans
- ✗ A. 10 cm
- ✗ B. 8 cm
- ✓ C. 6 cm
- ✗ D. 3 cm

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Q.46 A covered a distance of 84 km in 8 hours. He walked part of the distance at a speed of 6 km/hr and rode a cycle for the rest at 12 km/hr. How far did he walk?

Ans

✔ A. 12 km

✘ B. 15 km

✘ C. 10 km

✘ D. 11 km

Q.47 If $A:B = 4:5$ and $B:C = 7:6$, find the value of $(2A + 3C):(4A - 3C)$.

Ans

✔ A. 73:11

✘ B. 48:13

✘ C. 15:7

✘ D. 63:10

Q.48 Simplify: 272 ÷ 17 × 1.5 + 13 – 5

Ans

✘ A. 33

✘ B. 28

✘ C. 29

✔ D. 32

Q.49 The cost of a washing machine is 23% less than the cost of a TV. If the cost of the washing machine increases by 73% and that of the TV decreases by 54%, then what is the percentage change in the total cost of 6 washing machines and 3 TVs?

Ans

✘ A. Decrease by 26%

✘ B. Increase by 20%

✔ C. Increase by 23%

✘ D. Decrease by 22%

Q.50 If x = 3, what is the value of the expression $x^2 + 2x + 1$?

Ans

✘ A. 12

✘ B. 14

✘ C. 18

✔ D. 16

Section : General Intelligence and Reasoning

Q.51 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) @ D 3 & R 7 T % H 2 $ 6 K ! 5 J * 8 M 4 # (Right)

How many such symbols are there, which are immediately preceded by a letter and also immediately followed by a number?

Ans

✘ A. One

✘ B. Three

✔ C. Two

✘ D. None

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Q.52 This question is based on the five, three-digit numbers given below.
(Left) 654 842 684 714 385 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.
If all the numbers are arranged in ascending order, the position of how many numbers will remain unchanged?

Ans
- ✗ A. One
- ✓ B. Two
- ✗ C. Three
- ✗ D. Four

Q.53 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 513674, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ A. Three
- ✗ B. One
- ✓ C. Two
- ✗ D. Four

Q.54 What should come in place of ? in the given series based on the English alphabetical order?
AKU FRV KYW PFX ?

Ans
- ✗ A. VNY
- ✗ B. UNY
- ✗ C. VMY
- ✓ D. UMY

Q.55 Each vowel in the word SPEWING is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
- ✓ A. One
- ✗ B. Three
- ✗ C. None
- ✗ D. Two

Q.56 Seven friends, G, H, I, J, K, L and M, are sitting in a straight line, facing the north. G sits second to the left of M. J sits second to the right of I. Only one person sits to the right of M. L sits third to the left of H. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?

Ans
- ✗ A. I and L
- ✗ B. H and M
- ✗ C. J and G
- ✓ D. I and K

Q.57 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ A. QUY
- ✓ B. YCZ
- ✗ C. VZD
- ✗ D. RVZ

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Q.58 What should come in place of ? in the given series?
341 422 512 611 719 ?

Ans
✗ A. 877
✗ B. 785
✓ C. 836
✗ D. 886

Q.59 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: FXG :: NTE : %

Ans
✗ A. # = EWJ, % = QVH
✓ B. # = DWH , % = PUD
✗ C. # = DWH , % = OUF
✗ D. # = EXI, % = QVG

Q.60 This question is based on the given words.

ACT CRY ROW BOX

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
✗ A. None
✗ B. Two
✗ C. One
✓ D. Three

Q.61 103 is related to 10 following a certain logic. Following the same logic, 199 is related to 14. To which of the following is 147 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 15
✓ B. 12
✗ C. 13
✗ D. 14

Q.62 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some laptops are cards.
No card is a table.

Conclusions:
(I) No laptop is a table.
(II) Some tables are cards.

Ans
✗ A. Both conclusions (I) and (II) follow.
✓ B. Neither conclusion (I) nor (II) follows.
✗ C. Only conclusion (II) follows.
✗ D. Only conclusion (I) follows.

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Q.63 The position(s) of how many letters will remain unchanged if each letter in the word STAMPED is arranged in the English alphabetical order?

Ans
- ✗ A. None
- ✓ B. Two
- ✗ C. Three
- ✗ D. One

Q.64 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Ama, Bira, Curt, Dami and Ela are sitting around a circular table, facing the centre. Who sits to the immediate left of Ama?
(I) Ama sits second to the left of Dami. Bira is the immediate neighbour of Curt and Dami.
(II) Ama is the immediate neighbour of Curt and Ela. Bira sits to the immediate right of Dami.

Ans
- ✗ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✓ B. Data in statement I alone is sufficient to answer the question while data in statement II is not.
- ✗ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✗ D. Data in statements I and II together are NOT sufficient to answer the question.

Q.65 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: EGI :: PRS : %

Ans
- ✗ A. # = KMO , % = JLN
- ✗ B. # = KML , % = JLS
- ✗ C. # = WMO , % = JLP
- ✓ D. # = ACD , % = TVX

Q.66 A, B, C, D, E, F, and G are sitting around a circular table, facing the centre of the table. Only two people sit between B and C, when counted from the right of B. G sits third to the right of C. E sits third to the left of B. F sits to the immediate right of D. Who sits second to the right of A?

Ans
- ✗ A. F
- ✗ B. D
- ✗ C. G
- ✓ D. B

Q.67 Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans
- ✓ A. CFI
- ✗ B. EGI
- ✗ C. UWY
- ✗ D. MOQ

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Q.68 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B' and
A @ B means 'A is the father of B'.

How is M related to K if 'M @ E − W % P # K'?

Ans
- ✗ A. Son's wife's brother
- ✗ B. Wife's father
- ✗ C. Wife's brother
- ✓ D. Son's wife's father

Q.69 In a certain code language, 'GAME' is coded as '3579' and 'MIND' is coded as '2438'. What is the code for 'M' in the given code language?

Ans
- ✗ A. 7
- ✗ B. 2
- ✗ C. 4
- ✓ D. 3

Q.70 Each of A, B, C, D, M, N and O has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. C has an exam on Thursday. M has an exam on one of the days after B and on one of the days before A. N has an exam on one of the days after O but on one of the days before D. O has an exam on one of the days after C. How many people have exams between N and M?

Ans
- ✓ A. Three
- ✗ B. One
- ✗ C. Four
- ✗ D. Two

Q.71 Refer to the following letter series and answer the question that follows. Counting to be done from left to right.

(Left) F A O S F Z K U K X A A W X Y Q E Z T A L E (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✗ A. 6
- ✗ B. 3
- ✓ C. 4
- ✗ D. 5

Q.72 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

189 × 9 ÷ 13 - 6 + 45 = ?

Ans
- ✗ A. 50
- ✓ B. 54
- ✗ C. 56
- ✗ D. 52

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Q.73 Refer to the following letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) P A % U I 7 P # € A C 5 I M € A 1 9 % $ 8 9 (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the left?

Ans
- ✗ A. #
- ✗ B. U
- ✓ C. I
- ✗ D. P

Q.74 A, C, E, G, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is number 2 and so on till the topmost floor is numbered 6. E lives on floor numbered 5. A lives on a floor above E. Only L lives below K. C lives on an even-numbered floor. How many people live between G and A?

Ans
- ✗ A. Four
- ✗ B. Three
- ✗ C. One
- ✓ D. Two

Q.75 MPRT is related to NQSU in a certain way based on the English alphabetical order. In the same way, HJLN is related to IKMO. To which of the following is DFHJ related, following the same logic?

Ans
- ✗ A. FGIL
- ✗ B. EHJV
- ✗ C. FHJW
- ✓ D. EGIK

Q.76 In a certain code language, 'TRAY' is coded as '8943' and 'RAYS' is coded as '3284'. What is the code for 'S' in the given code language?

Ans
- ✓ A. 2
- ✗ B. 3
- ✗ C. 4
- ✗ D. 9

Q.77 Each of the digits in the number 6891245 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 9
- ✗ B. 8
- ✓ C. 10
- ✗ D. 7

Q.78 12 is related to 94 following a certain logic. Following the same logic, 17 is related to 134. To which of the given options is 22 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 182
- ✗ B. 186
- ✓ C. 174
- ✗ D. 179

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Q.79 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A $ B means 'A is the wife of B'
A % B means 'A is the father of B'.

How is Vansh related to Kanav if 'Vansh @ Ram # Chetan % Divya $ Kanav'?

Ans
- ✔ A. Wife's father's mother
- ✘ B. Wife's mother's mother
- ✘ C. Wife's mother's sister
- ✘ D. Wife's father's sister

Q.80 Each of Janki, Manvi, Swati, Priti, Rishi, Pinki and Tanvi has exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Exactly two people have exam between Janki and Priti.
Only two people have exam between Rishi and Tanvi.
Exactly three people have exam between Swati and Pinki.
Swati has exam before Pinki.
Janki has exam on one of the days before Tanvi.
Only two people have exam after Priti.
Three of the following four options are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does NOT belong to that group?

Ans
- ✘ A. Priti and Pinki
- ✘ B. Janki and Tanvi
- ✔ C. Swati and Manvi
- ✘ D. Rishi and Swati

Section : General Awareness and Current Affairs

Q.81 As of February 2026, which country joined Bangladesh and Costa Rica in endorsing the New Delhi Declaration on AI Impact, increasing the total number of signatories to 91 countries and international organisations?

Ans
- ✘ A. Morocco
- ✘ B. Japan
- ✔ C. Guatemala
- ✘ D. Argentina

Q.82 Vladimir Mestvirishvili of Georgia was posthumously awarded the Padma Shri in 2026 for his outstanding contribution to which of the following fields?

Ans
- ✘ A. Hockey coaching
- ✔ B. Wrestling coaching
- ✘ C. Football coaching
- ✘ D. Athletics coaching

Q.83 In January 2026, NITI Aayog released decarbonisation roadmaps for which sectors?

Ans
- ✘ A. Steel, shipping, and telecom
- ✔ B. Aluminium, cement, and MSMEs
- ✘ C. Tourism, fisheries, and textiles
- ✘ D. Banking, insurance, and aviation

Q.84 Following the decision of the Monetary Policy Committee (MPC) of the Reserve Bank of India (RBI) in December 2025 to reduce the repo rate by 25 basis points, what is the current policy repo rate in India?

Ans
- ✘ A. 5.00 per cent
- ✘ B. 5.75 per cent
- ✔ C. 5.25 per cent
- ✘ D. 5.50 per cent

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Q.85 **Which ministry had released the 27th edition of the publication titled "Women and Men in India 2025: Selected Indicators and Data" at the National Deliberative Summit on "Data for Development" in 2026?**

Ans

✗ A. Ministry of Women and Child Development, Government of India

✗ B. Ministry of Home Affairs, Government of India

✓ C. Ministry of Statistics and Programme Implementation (MoSPI), Government of India

✗ D. NITI Aayog, Government of India

Q.86 **In April 2026, the publication titled "Women and Men in India 2025: Selected Indicators and Data" was released by which Ministry of the Government of India?**

Ans

✗ A. Ministry of Home Affairs

✗ B. Ministry of Social Justice and Empowerment

✗ C. Ministry of Women and Child Development

✓ D. Ministry of Statistics and Programme Implementation

Q.87 **The Constitution (131st Amendment) Bill, initiated by the Government of India in April 2026, aims at accelerating the implementation of which Amendment Act to the Lok Sabha and State Assemblies before 2029?**

Ans

✗ A. 110th Amendment Act

✗ B. 104th Amendment Act

✗ C. 108th Amendment Act

✓ D. 106th Amendment Act

Q.88 **Which location is selected for the Asiatic Lion Conservation Programme as a part of the MoEFCC's thematic events, before the IBCA Summit 2026?**

Ans

✗ A. Bhubaneswar, Odisha

✓ B. Gir, Gujarat

✗ C. Gangtok, Sikkim

✗ D. Bhopal, Madhya Pradesh

Q.89 **Which of the following had convened the first meeting of the High-Powered 'Education to Employment and Enterprise' Standing Committee proposed in the Finance Minister's Budget Speech for 2026-27?**

Ans

✗ A. Ministry of Labour and Employment

✗ B. Ministry of Skill Development and Entrepreneurship

✓ C. NITI Aayog

✗ D. Department of Commerce

Q.90 **Asia's first UNESCO Chair on Gender Inclusion and Skill Development had been launched by Union Minister Jayant Chaudhary during the International Conference on "Women Leading the Future of Work" organised in collaboration with UNESCO at which institution in Pune on April 24, 2026?**

Ans

✗ A. College of Engineering Pune

✗ B. Savitribai Phule Pune University

✓ C. Symbiosis Skills and Professional University

✗ D. MIT World Peace University

Q.91 **From which type of platform did DRDO launch the Agni-Prime missile during its successful test in September 2025?**

Ans

✗ A. Submarine launcher

✗ B. Road-mobile launcher

✓ C. Rail-based mobile launcher

✗ D. Sea-based launcher

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Q.92 In March 2026, Australian swimmer Cameron McEvoy set a new men's 50m freestyle world record at the Australian Swimming Championships. What was his record-breaking time?

Ans

✗ A. 21.04 seconds

✗ B. 20.76 seconds

✗ C. 20.91 seconds

✓ D. 20.88 seconds

Q.93 India was knocked out of the Thomas Cup semifinals in 2026 after a 0-3 defeat against which country in Horsens, Denmark?

Ans

✗ A. Denmark

✗ B. Malaysia

✗ C. Indonesia

✓ D. France

Q.94 According to the report released on February 4, 2026, what is the rank of India in the Network Readiness Index 2025 prepared by Portulans insititute based in Washington DC?

Ans

✓ A. 45^{th}

✗ B. 25^{th}

✗ C. 55^{th}

✗ D. 35^{th}

Q.95 Mission MITRA undertaken by the Indian Space Research Organisation (ISRO) from April 02 to 09, 2026, to study crew performance under hypoxia, low temperature, and isolation conditions had been conducted in which place?

Ans

✓ A. Leh

✗ B. Gangtok

✗ C. Shimla

✗ D. Manali

Q.96 What was the official theme for National Maritime Day in 2026?

Ans

✗ A. Maritime India – Accelerating Prosperity

✓ B. Maritime India – Empowering Progress

✗ C. Maritime India – Fueling Growth

✗ D. Maritime India – Steering Transformation

Q.97 Which Indian cricketer was awarded the Padma Shri in 2026 for her outstanding contributions to the sport?

Ans

✗ A. Smriti Mandhana

✗ B. Mithali Raj

✗ C. Jhulan Goswami

✓ D. Harmanpreet Kaur

Q.98 Veteran corporate leader Uday Kotak was conferred with the prestigious Padma Bhushan award in 2026 under which specific category?

Ans

✗ A. Social Work

✓ B. Trade and Industry

✗ C. Public Affairs

✗ D. Science and Engineering

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Q.99 **On December 19, 2025, ISRO's LVM3-M6 mission successfully placed which satellite into its intended orbit?**

Ans

✗ A. AST SpaceMobile weather observation satellite

✗ B. India's GSAT-30 communication satellite

✓ C. BlueBird Block-2 communication satellite

✗ D. BlueBird Block-1 communication satellite

Q.100 **In June 2026, which international organization adopted the Convention concerning Decent Work in the Platform Economy (Convention No. 193) during its 114th session held in Geneva?**

Ans

✗ A. International Organization for Migration (IOM)

✓ B. International Labour Organization (ILO)

✗ C. International Telecommunication Union (ITU)

✗ D. World Health Organization (WHO)

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	17/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1	**Which of the following properties is unique to the parallel combination of resistors compared to the series combination?**
Ans	✔ A. Each resistor receives the same voltage
	✘ B. Total resistance equals sum of resistors
	✘ C. All resistors must be identical
	✘ D. Current through each resistor is the same

Q.2	**Which of the following best describes uniform circular motion?**
Ans	✘ A. An object at rest in a circular path
	✘ B. An object moving at a constant speed in a straight line
	✘ C. An object moving at a changing speed along a curved path
	✔ D. An object moving at a constant speed along a circular path

Q.3	**Which of the following is an example of chemical energy?**
Ans	✘ A. Energy from a spinning wheel
	✘ B. Energy from a stretched rubber band
	✘ C. Energy from moving objects
	✔ D. Energy stored in food

Q.4	**Which of the following pairs correctly represents biodegradable and non-biodegradable substances, respectively?**
Ans	✘ A. Metal – Food waste
	✘ B. Plastic – Cotton
	✘ C. Glass – Leaves
	✔ D. Paper – Plastic

Q.5	**A science fair project uses a convex mirror to monitor a hallway. If a person stands at various distances from the mirror, what remains constant about the images formed, regardless of their position?**
Ans	✔ A. The images are always diminished and virtual
	✘ B. The images are always enlarged and real
	✘ C. The images are always real and inverted
	✘ D. The images are always magnified and behind the mirror

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Q.6	What type of reaction occurs when ethanoic acid reacts with ethanol in the presence of an acid catalyst?
Ans	✔ A. Esterification reaction
	✘ B. Combustion reaction
	✘ C. Saponification reaction
	✘ D. Neutralization reaction

Q.7	What happens when hydrogen (H_2) is added to an alkene in the presence of a catalyst?
Ans	✔ A. Alkene converts into an alkane
	✘ B. Alkene undergoes substitution
	✘ C. Alkene breaks down
	✘ D. Alkene forms an alcohol

Q.8	Which factor must be considered before using a separating funnel for two liquids?
Ans	✘ A. Both liquids have high boiling point
	✔ B. The liquids must be immiscible
	✘ C. The liquids must have different colors
	✘ D. The liquids must have strong odors

Q.9	If the distance between two points on a straight line distance-time graph is 120 meters and the corresponding time interval is 4 seconds, what is the uniform speed?
Ans	✘ A. 60 m/s
	✘ B. 24 m/s
	✔ C. 30 m/s
	✘ D. 15 m/s

Q.10	A student is asked why solar panels are less efficient during early morning hours. Which electromagnetic property explains this observation?
Ans	✘ A. Wavelength distribution changes
	✘ B. Earth's rotation increases intensity
	✘ C. Speed of light is reduced in air
	✔ D. Sunlight is less intense at low angle

Q.11	Two specimens: one has undifferentiated body living in water, the other has true roots, stems, and leaves. Which of the following correctly matches them with their classes?
Ans	✘ A. Bryophyta and Thallophyta
	✘ B. Pteridophyta and Gymnosperm
	✘ C. Bryophyta and Angiosperm
	✔ D. Thallophyta and Pteridophyta

Q.12	Baking soda is commonly used in fire extinguishers because it releases a specific gas when heated. What is the gas released and how does it help extinguish fires?
Ans	✘ A. It releases oxygen, which smothers the fire and prevents it from spreading
	✘ B. It releases nitrogen, which cools the burning material
	✔ C. It releases carbon dioxide, which displaces oxygen and stops combustion
	✘ D. It releases sulfur dioxide, which reacts with the flames

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Q.13	**Which of the following is NOT a property typically associated with most covalent compounds of carbon?**
Ans	✗ A. They have low boiling points
	✗ B. Carbon forms covalent bonds with other carbon atoms
	✓ C. They are good conductors of electricity
	✗ D. They have low melting points

Q.14	**Why top-level consumers are most affected by biological magnification in a food chain?**
Ans	✓ A. They accumulate the highest concentration of toxins through the food chain
	✗ B. They are primary producers and thus first to be exposed to toxins
	✗ C. They eat less quantity of food compared to others
	✗ D. They have the shortest lifespan in the ecosystem

Q.15	**Food webs help in maintaining ecosystem stability because they:**
Ans	✓ A. provide alternative food sources
	✗ B. increase competition
	✗ C. stop energy flow
	✗ D. reduce the number of consumers

Q.16	**A student observes that the image formed by a lens is twice the size of the object and is real. Where is the object placed relative to the lens?**
Ans	✗ A. Between 2F and infinity
	✓ B. Between F and 2F
	✗ C. At F
	✗ D. At 2F

Q.17	**Which type of blood vessel is best suited for rapid exchange of gases and nutrients with body tissues?**
Ans	✗ A. Veins
	✓ B. Capillaries
	✗ C. Lymph vessels
	✗ D. Arteries

Q.18	**The gas evolved when calcium reacts with water is:**
Ans	✓ A. Hydrogen
	✗ B. Carbon dioxide
	✗ C. Oxygen
	✗ D. Nitrogen

Q.19	**Apart from the nucleus and plastids, which of the following organelle contains its own DNA?**
Ans	✗ A. Lysosome
	✗ B. Golgi Apparatus
	✓ C. Mitochondrion
	✗ D. Ribosome

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Q.20	A stone of mass 0.5 kg is moving with a speed of 8 m/s. Its kinetic energy is _____.
Ans	✗ A. 64 J
	✓ B. 16 J
	✗ C. 128 J
	✗ D. 32 J

Q.21	What do the raisins represent in Thomson's plum-pudding model of the atom?
Ans	✓ A. Electrons embedded in positively charge sphere
	✗ B. Neutrons spread out throughout the atom
	✗ C. Protons and neutrons present in the atom
	✗ D. Electrons present in various orbits of atom

Q.22	How is the object distance measured in the sign convention for spherical lenses?
Ans	✗ A. It is measured from the focal point towards the position of the object.
	✗ B. It is measured from the optical center towards the position of the image.
	✗ C. It is measured from the focal point towards the position of the image.
	✓ D. It is measured from the optical center towards the position of the object.

Q.23	When hydrochloric acid reacts with sodium hydroxide to form sodium chloride and water, which type of reaction is primarily demonstrated?
Ans	✗ A. Displacement reaction
	✗ B. Combination reaction
	✓ C. Double displacement reaction
	✗ D. Redox reaction

Q.24	Which component is best represented by a symbol with multiple alternating long and short lines in a circuit diagram?
Ans	✗ A. Electric bulb
	✓ B. A battery or a combination of cells
	✗ C. An electric cell
	✗ D. A resistor of resistance R

Q.25	Which pair **CORRECTLY** matches the Greek root with its meaning?
Ans	✗ A. Chroma — Green
	✗ B. Karyon — Wall
	✓ C. Leukos — White
	✗ D. Pro — True

Section : **Mathematics**

Q.26	The radius and area of the sector of a circle are 54 cm and 405π cm^2, respectively. What is the length of the corresponding arc of the sector?
Ans	✗ A. 876π cm
	✗ B. 745π cm
	✗ C. 810π cm
	✓ D. 15π cm

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Q.27	7600 bricks, each measuring P cm × 12.5 cm × 7.5 cm, are required to construct a wall 6 m long, 5 m high, and $\frac{1}{2}$ m thick. If the cement and sand mixture occupies $\frac{1}{20}$ of the volume of the wall, then the value of P is:
Ans	✗ A. 27.5
	✗ B. 22.5
	✓ C. 20
	✗ D. 25

Q.28	**The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 85% and 18%, shop II allows successive discounts of 84% and 34%, shop III allows successive discounts of 52% and 11% and shop IV allows successive discounts of 84%, 31% and 94% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?**
Ans	✓ A. IV
	✗ B. II
	✗ C. I
	✗ D. III

Q.29	**A shopkeeper marks an article 20% above the cost price and then allows a 15% discount on the marked price. What is the overall profit or loss percentage?**
Ans	✗ A. 4% profit
	✓ B. 2% profit
	✗ C. 1% loss
	✗ D. 4% loss

Q.30	**The expenditure of Sudha is 100% more than her savings. If her expenditure decreases by 2% and savings increase by 22%, then by what percentage does her income increase?**
Ans	✓ A. 6%
	✗ B. 3%
	✗ C. 2%
	✗ D. 1%

Q.31	**Two bells ring at intervals of 9 minutes and 10 minutes, respectively. If they ring together at 8:00 AM, after how many minutes will they next ring together again?**
Ans	✗ A. 45 minutes
	✓ B. 90 minutes
	✗ C. 60 minutes
	✗ D. 100 minutes

Q.32	**What is the area of a triangle with side lengths of 13 cm, 14 cm, and 15 cm?**
Ans	✗ A. 104 cm^2
	✓ B. 84 cm^2
	✗ C. 94 cm^2
	✗ D. 114 cm^2

Q.33	**A tap can fill a cistern in 10 hours and another tap can empty it in 20 hours. If both taps are opened, the time (in hours) taken to fill the tank will be:**
Ans	✗ A. 18 hours
	✓ B. 20 hours
	✗ C. 15 hours
	✗ D. 30 hours

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Q.34	The mean and the mode of a set of data are 44.4 and 49.7, respectively. Find the median of the data, using the empirical formula. (Round off to one decimal place)
Ans	✔ A. 46.2
	✘ B. 47.8
	✘ C. 47.7
	✘ D. 47.4

Q.35	If 36 is subtracted from a number, it reduces to 90% of the original number. What is the number?
Ans	✘ A. 840
	✘ B. 480
	✘ C. 630
	✔ D. 360

Q.36	Two trains are travelling toward each other on parallel tracks. The first train is 430 metres long and travels at a speed of 120 km/h. The second train is 570 metres long and travels at a speed of 85 km/h. The distance between the two trains when they start is 20 km. Find out how much time it will take for the two trains to completely pass each other (rounded off to the nearest second).
Ans	✘ A. 389 seconds
	✘ B. 343 seconds
	✔ C. 369 seconds
	✘ D. 393 seconds

Q.37	The angle of elevation of the top of a tower from two points on opposite sides of the tower are 30° and 60°. If the distance between the two points is 54 m, find the height of the tower.
Ans	✘ A. $15.8\sqrt{3}$ m
	✔ B. $13.5\sqrt{3}$ m
	✘ C. $14.6\sqrt{3}$ m
	✘ D. $12.4\sqrt{3}$ m

Q.38	At the start of the year, A invested ₹12,000 and B invested ₹18,000 in a business. At the end of the year, the profit is ₹15,000. What is B's share (in ₹) in the profit?
Ans	✘ A. 6,000
	✔ B. 9,000
	✘ C. 8,000
	✘ D. 7,000

Q.39	30 students can complete a task in 10 days working for 4 hours a day. In how many days will 80 students working 3 hours a day will complete the work?
Ans	✘ A. 6 days
	✘ B. 4 days
	✔ C. 5 days
	✘ D. 8 days

Q.40	$(x + 3)^2$ is equal to:
Ans	✘ A. $x^2 + 9x + 6$
	✘ B. $x^2 + 3x + 9$
	✘ C. $x^2 + 6x + 3$
	✔ D. $x^2 + 6x + 9$

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Q.41	What is the least value that must be assigned to A so that the 8-digit number 109A7760 is divisible by 16?
Ans	✗ A. 4
	✓ B. 0
	✗ C. 5
	✗ D. 2

Q.42	What will be the amount after 1 year, if ₹1800 is invested at 20% compound interest per annum, compounded half-yearly?
Ans	✗ A. ₹2659
	✓ B. ₹2178
	✗ C. ₹1974
	✗ D. ₹3012

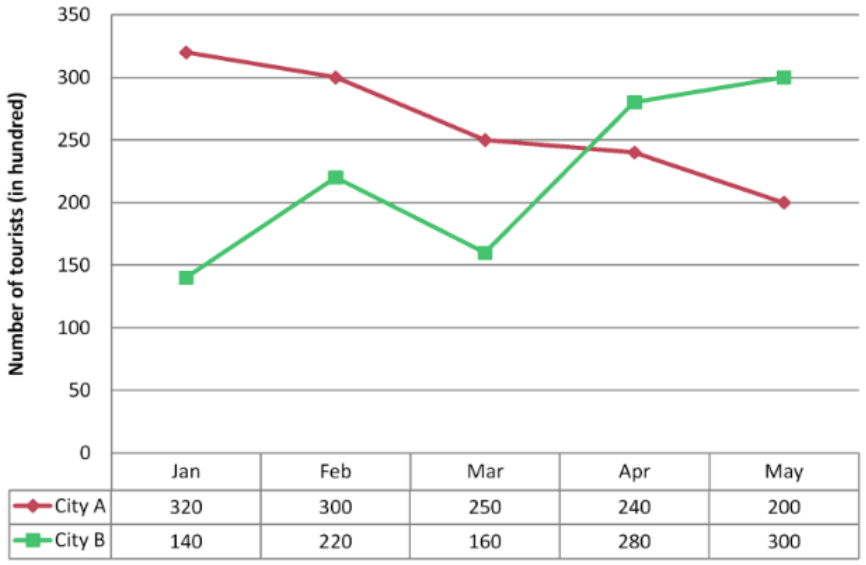
Q.43	From the top of a vertical tower of height 75 m, the angle of depression of the foot of a building is 60°, and the angle of depression of the top of the building is 30°. If the average of the heights of the tower and the building equals the height of a pole, what is the height of the pole?
Ans	✓ A. 62.5 m
	✗ B. 65 m
	✗ C. 55.5 m
	✗ D. 60 m

Q.44	The average temperature of first 3 days in a week was 36^{o} C and the average temperature of this week was 35^{o} C. Then the average temperature of last 4 days in this week was:
Ans	✗ A. 35.5^{o} C
	✗ B. 34^{o} C
	✗ C. 35^{o} C
	✓ D. 34.25^{o} C

Q.45	Find the simple interest (in ₹) on ₹1,200 at an interest rate of 6% per month in 12 months.
Ans	✗ A. 144
	✗ B. 92
	✓ C. 864
	✗ D. 72

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Q.46	**The given line graph shows the number of tourists (in hundreds) in two different cities, A and B, over five different months of the year 2018.** **Study the line graph and answer the question that follows.**  |	Jan	Feb	Mar	Apr	May
---	---	---	---	---	---
City A	320	300	250	240	200
City B	140	220	160	280	300	 **What is the ratio of the total number of tourists in City A in February and March to the total number of tourists in City B in the same months?**
Ans	✗ A. 59 : 65
	✓ B. 55 : 38
	✗ C. 38 : 47
	✗ D. 71 : 80

Q.47	**Buses leave a depot every 15 minutes and run along a straight highway at a constant speed of 16 km/h. A cyclist is riding towards the depot from the opposite direction on the same highway. He observes that buses cross him at regular intervals of 12 minutes. Assuming both maintain uniform speeds, what is the speed (in km/h) of the cyclist?**
Ans	✗ A. 6
	✗ B. 5
	✗ C. 7
	✓ D. 4

Q.48	**The fourth proportional to three numbers is 36. The first two numbers are 8 and 12. Find the third number.**
Ans	✗ A. 21
	✓ B. 24
	✗ C. 18
	✗ D. 28

Q.49	**A sum of ₹2,000 is invested for 3 years at 5% per annum. Find the difference between the compound interest and the simple interest (in ₹), if the interest is compounded annually.**
Ans	✓ A. 15.25
	✗ B. 5.25
	✗ C. 10.25
	✗ D. 20.25

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Q.50	The following scores were recorded in a test: 70, 85, 90, 90, 95, 100. If the highest score (100) is removed, what is the new median?
Ans	✗ A. 70
	✗ B. 95
	✓ C. 90
	✗ D. 85

Section : **General Intelligence and Reasoning**

Q.51	If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation? 199 ÷ 47 - 4 + 63 × 9 = ?
Ans	✓ A. 380
	✗ B. 389
	✗ C. 386
	✗ D. 382

Q.52	Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. **Statements:** All kiwis are bananas. All bananas are apples. **Conclusions:** (I) All kiwis are apples. (II) Some apples are bananas.
Ans	✗ A. Only conclusion (I) follows.
	✗ B. Neither conclusion (I) nor (II) follows.
	✓ C. Both conclusions (I) and (II) follow.
	✗ D. Only conclusion (II) follows.

Q.53	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. DKO : FFK BNR : DIN
Ans	✗ A. KHL : MBH
	✓ B. MHL : OCH
	✗ C. CRW : CMR
	✗ D. OSX : QNS

Q.54	This question is based on the following words. (left) MILE HAED LEAP PEEK (right) How many letters in the English alphabetical order are there between the third letter of the first word from the left and the fourth letter of the second word from the right?
Ans	✗ A. Five
	✓ B. Three
	✗ C. Four
	✗ D. Two

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Q.55	Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.) 4 – 10 – 21 – 35 ; 5 – 13 – 27 – 41
Ans	✗ A. 7 – 19 – 39 – 25
	✓ B. 8 – 22 – 45 – 59
	✗ C. 10 – 28 – 56 – 70
	✗ D. 6 – 16 – 33 – 49

Q.56	Each vowel in the word NAMEBOARDS is changed to the second letter following it in the English alphabetical order and each consonant is changed to the second letter preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?
Ans	✓ A. Q
	✗ B. P
	✗ C. B
	✗ D. Z

Q.57	There are 45 students in a row facing north. Kiran is 18th from the left and Simran is 20th from the right. How many students are standing between Kiran and Simran?
Ans	✗ A. 5
	✗ B. 8
	✗ C. 6
	✓ D. 7

Q.58	What should come in place of the question mark (?) in the given series based on the English alphabetical order, to make it logically complete? HOD KSG NWJ QAM ?
Ans	✗ A. SDO
	✓ B. TEP
	✗ C. UEQ
	✗ D. SFP

Q.59	Refer to the given letter series and answer the question that follows. (Left)K A M A L K I S H O R E K A P I L P O O M N A K A M I I N (Right) How many letters are there in the English alphabetical order between the letters that are seventh from the right end and fifth from the left end of the series?
Ans	✗ A. Nine
	✗ B. Eight
	✗ C. Eleven
	✓ D. Ten

Q.60	A, C, E, G, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is number 2 and so on till the topmost floor is numbered 6. A lives on the topmost floor. Only three people live between A and L. G lives on a floor below L. E lives on an even numbered floor. K lives on an odd-numbered floor but not on floor number 5. How many people live between C and L?
Ans	✗ A. One
	✗ B. Four
	✗ C. Three
	✓ D. Two

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Q.61	This question is based on the following words: CRY FIN BUG ASK In each word, every vowel is replaced by the next letter in the English alphabetical order, and every consonant is replaced by the preceding letter. How many of the resulting letter clusters contain no vowels?
Ans	✗ A. Three
	✗ B. Four
	✗ C. One
	✓ D. Two

Q.62	Refer to the given letter series and answer the question that follows. (Left) B H J M N N A R A Y A N S H A M B H U G A Y I T R I M N T R (Right) How many letters are there in the English alphabetical order between the letters that are tenth from the right end and third from the left end of the series?
Ans	✗ A. Fourteen
	✗ B. Two
	✗ C. None
	✓ D. Eight

Q.63	B, D, E, P, S, T and W are sitting around a circular table, facing the centre of the table. S sits to the immediate right of E. Only three people sit between S and D when counted from the left of S. Only three people sit between E and B. W sits to the immediate right of T. How many people sit between E and T when counted from the right of T?
Ans	✓ A. One
	✗ B. Three
	✗ C. Four
	✗ D. Two

Q.64	Each letter in the word FRIEND is changed to the letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be third from the left in the new group of letters thus formed?
Ans	✓ A. E
	✗ B. Q
	✗ C. M
	✗ D. H

Q.65	Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. GK-DI-BE KO-HM-FI
Ans	✗ A. PS-LQ-JN
	✗ B. OS-LQ-JN
	✗ C. PS-LR-JN
	✓ D. OS-LQ-JM

Q.66	What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged? 38 × 46 ÷ 46 + 14 − 19 = ?
Ans	✓ A. 43
	✗ B. 44
	✗ C. 45
	✗ D. 41

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Q.67	Mr. Nit ranked 58th from the bottom and 37th from the top in his class. How many students are there in his class?
Ans	✗ A. 91
	✗ B. 93
	✓ C. 94
	✗ D. 95

Q.68	Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ? # : III :: MNO : %
Ans	✓ A. #=FGH, %= PPP
	✗ B. #=FGH, %= PPS
	✗ C. #=FGH, %= PPR
	✗ D. #=FGH, %= PPQ

Q.69	H is the mother of U. U is the sister of N. M is the father of K. K is the husband of N. How is K related to H?
Ans	✗ A. Daughter's son
	✓ B. Daughter's husband
	✗ C. Brother
	✗ D. Father

Q.70	What should come in place of the question mark (?) in the given series? 97, 80, 65, 52, 41, ?
Ans	✗ A. 28
	✗ B. 36
	✓ C. 32
	✗ D. 29

Q.71	Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)
Ans	✓ A. KMP
	✗ B. QSU
	✗ C. HJL
	✗ D. ACE

Q.72	8 is related to 256 following a certain logic. Following the same logic, 10 is related to 400. To which of the given options is 12 related, following the same logic?
Ans	✗ A. 676
	✓ B. 576
	✗ C. 484
	✗ D. 529

Q.73	In a certain code language, ‘love in air’ is coded as 'ps vj uh' and ‘poor air quality’ is coded as ‘ct cs ps’. How is ‘air’ coded in the given language? (All codes are two-letter codes)
Ans	✓ A. ps
	✗ B. uh
	✗ C. ct
	✗ D. vj

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Q.74	A, B, C, D, E and F are sitting around a circular table, facing the centre. F sits second to the left of D. B is an immediate neighbour of C. C sits to the immediate right of E. A sits second to the left of E. What is the position of F with respect to B?
Ans	✔ A. Immediate right
	✘ B. Second to the left
	✘ C. Third to the left
	✘ D. Second to the right

Q.75	In a certain code language, 'CHIP' is coded as '6318' and 'PICK' is coded as '8162'. What is the code for 'H' in the given code language?
Ans	✘ A. 2
	✘ B. 6
	✘ C. 1
	✔ D. 3

Q.76	Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only. (Left) 5 $ 7 £ £ 4 9 © $ © & 8 & $ 3 1 7 © 4 7 $ @ (Right) How many such numbers are there, each of which is immediately preceded by a number and also immediately followed by a symbol?
Ans	✘ A. 4
	✘ B. 5
	✔ C. 3
	✘ D. 2

Q.77	What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged? (14 ÷ 2) + (27 × 3) − 15 − 6 + 2 = ?
Ans	✘ A. 31
	✘ B. 46
	✘ C. 58
	✔ D. 38

Q.78	In a certain code language, A + B means 'A is the son of B' A ÷ B means 'A is the father of B' A = B means ' A is the sister of B' A ! B means 'A is the wife of B' Based on the above, how is D related to R if 'D = O ! W + E ÷ R'?
Ans	✔ A. Brother's wife's sister
	✘ B. Brother's wife's father
	✘ C. Brother's wife's brother
	✘ D. Brother's wife's mother

Q.79	A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer. Among five trees, N, O, R, S and T each having a different height, which tree is the tallest? (I)S is shorter than R (II)N is taller than R
Ans	✘ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
	✘ B. Data in Statement I alone is sufficient to answer the question while data in statement II is not
	✔ C. Both statements I and II together are NOT sufficient to answer the question
	✘ D. Data in Statement II alone is sufficient to answer the question while data in statement I is not

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Q.80	**Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)**
Ans	✗ A. XS – CD
	✗ B. MH – RS
	✗ C. QL – VW
	✓ D. KE – PQ

Section : **General Awareness and Current Affairs**

Q.81	**At the inaugural National Indoor Athletics Championships held in Bhubaneswar in March 2026, what national-best timing did Gurindervir Singh clock while winning the men's 60-m event?**
Ans	✓ A. 6.60 seconds
	✗ B. 6.65 seconds
	✗ C. 7.65 seconds
	✗ D. 5.65 seconds

Q.82	**Who had set a national men’s pole vault record of 5.41 m at the inaugural Indian Indoor Open Combined Events and Pole Vault Competition held in Bhubaneswar?**
Ans	✓ A. Kuldeep Kumar
	✗ B. Dev Kumar Meena
	✗ C. Reegan G
	✗ D. Siva Subramani

Q.83	**According to the PLFS Annual Report 2025 (released in March 2026), what was the unemployment rate among youth aged 15–29 years in India under the usual status (ps+ss) approach?**
Ans	✗ A. 12.4%
	✓ B. 9.9%
	✗ C. 14.8%
	✗ D. 7.9%

Q.84	**Which of the following institution's P-Quest Group developed India's first indigenous Quantum Diamond Microscope (QDM) in November 2025?**
Ans	✗ A. TIFR Mumbai
	✗ B. IISc Bengaluru
	✓ C. IIT Bombay
	✗ D. IIT Delhi

Q.85	**Between 21 February and 1 March 2026, DRDO and the Indian Navy successfully conducted four in-flight release trials of which indigenous system?**
Ans	✗ A. Astra Mk-II missile
	✓ B. Air-Droppable Container (ADC-150)
	✗ C. Pinaka Multi-Barrel Rocket Launcher
	✗ D. Akash-NG missile

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Q.86	The theme of National Youth Day 2026 was ‘Ignite the Self, Impact the World’. This day marks the birth anniversary of whom?
Ans	✔ A. Swami Vivekananda
	✘ B. Sri Aurobindo
	✘ C. Netaji Subhas Chandra Bose
	✘ D. Rabindranath Tagore

Q.87	Which city hosted the 2nd Shanghai Co-operation Organisation (SCO) Young Authors' Conference from September 25 to 26, 2025?
Ans	✔ A. New Delhi
	✘ B. Beijing
	✘ C. Tashkent
	✘ D. Astana

Q.88	In April 2026, the Mahanadi Water Disputes Tribunal was associated with a dispute involving which pair of states?
Ans	✔ A. Odisha and Chhattisgarh water sharing
	✘ B. Telangana and Karnataka reservoir usage
	✘ C. Punjab and Haryana canal allocation
	✘ D. Gujarat and Maharashtra irrigation planning

Q.89	Which film, directed by Neeraj Ghaywan and submitted as India’s entry to the Academy Awards, swept the 8th Critics’ Choice Awards 2026 by winning Best Film, Best Director, and Best Actor?
Ans	✔ A. Homebound
	✘ B. All We Imagine as Light
	✘ C. Black Warrant
	✘ D. Dhurandhar

Q.90	In January 2026, FIFA announced prize money for the winners of the inaugural Women’s Champions Cup. What is the amount awarded to the champions?
Ans	✔ A. $2.3M
	✘ B. $4.0M
	✘ C. $1.5M
	✘ D. $3.0M

Q.91	In January 2026, the Padma Awards were officially announced on the occasion of which national event?
Ans	✘ A. National Unity Day
	✘ B. Constitution Day
	✔ C. Republic Day
	✘ D. National Civilian Day

Q.92	As per Union Budget 2025-26, how many Atal Tinkering Labs are to be set up in Government schools in the next 5 years?
Ans	✘ A. 70,000
	✘ B. 80,000
	✘ C. 60,000
	✔ D. 50,000

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Q.93	**Anutin Charnvirakul, who was reconfirmed by parliament as Prime Minister in March 2026 following the electoral victory of the Bhumjaithai Party, became the Prime Minister of which Southeast Asian country?**
Ans	✔ A. Thailand
	✘ B. Indonesia
	✘ C. Malaysia
	✘ D. Vietnam

Q.94	**At which championship had India created history by winning five medals in May 2026, including gold in the men's category through Amar Singh Devanda in Japan?**
Ans	✘ A. World Ultrarunning Championships
	✘ B. Asian Endurance Running Championships
	✘ C. Asian Athletics Championships
	✔ D. International Association of Ultrarunners 24-Hour Asia and Oceania Championships

Q.95	**In May 2026, which online portal was launched by the India Semiconductor Mission (ISM) to provide information on government schemes, policies, approved projects under the Semicon India Programme, and regulatory requirements for investors in the semiconductor sector?**
Ans	✘ A. Semiconductor Connect
	✘ B. Invest India Semicon
	✘ C. Digital Semiconductor Portal
	✔ D. Investors Support

Q.96	**For which defence organization Rajesh Kumar Singh is serving as Chairman as of May 2026?**
Ans	✔ A. Defense Research and Development Organization (DRDO)
	✘ B. Central Reserve Police Force (CRPF)
	✘ C. Indian Air Force (IAF)
	✘ D. Indian Navy (IN)

Q.97	**At the 98th Academy Awards 2026, which actor won the 'Best Actor' award for his performance in the film "Sinners", securing his first Academy Award victory?**
Ans	✘ A. Timothée Chalamet
	✘ B. Leonardo DiCaprio
	✔ C. Michael B. Jordan
	✘ D. Wagner Moura

Q.98	**On 26th May 2026, the Supreme Court (SaveLIFE Foundation & Anr. vs Union of India & Ors.) ruled that access to trauma and emergency care is an integral part of the Right to Life under _____.**
Ans	✘ A. Article 41 of the Indian constitution
	✘ B. Article 11 of the Indian constitution
	✘ C. Article 31 of the Indian constitution
	✔ D. Article 21 of the Indian constitution

Q.99	**India's updated climate commitment for 2035 includes which emissions-intensity target?**
Ans	✘ A. Cutting agricultural methane emissions by 75% nationwide
	✘ B. Achieving complete industrial decarbonisation by the year 2035
	✘ C. Reducing fossil fuel consumption by 90% from 2020 levels
	✔ D. Reducing emissions intensity of GDP by 47% from 2005 levels

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Q.100	**As per the 2026 NITI Aayog report, which sector was identified as the largest contributor to India's greenhouse gas emissions, prompting targeted emission reduction strategies?**
Ans	✔ A. Energy production including coal-based power plants
	✘ B. Transportation systems and logistics
	✘ C. Industrial manufacturing and processing
	✘ D. Agriculture and allied activities

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	18/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Which of the following cell structures is mainly responsible for providing support and maintaining the shape of eukaryotic cells?**

Ans
- ✗ A. Nucleoid
- ✗ B. DNA
- ✓ C. Cytoskeleton
- ✗ D. Cell Sap

Q.2 **If peristaltic movements in the oesophagus were disrupted, what would most likely happen to the food after it is chewed and swallowed?**

Ans
- ✗ A. Food would be digested faster
- ✗ B. Starch would be broken down more quickly
- ✗ C. Saliva would increase
- ✓ D. Food would not move efficiently to the stomach

Q.3 **When the length of a wire is doubled while keeping material and area of cross-section constant, what happens to its resistance?**

Ans
- ✗ A. The resistance becomes half
- ✓ B. The resistance becomes twice as much
- ✗ C. The resistance remains unchanged
- ✗ D. The resistance becomes four times as much

Q.4 **Why do plants need a specialized transportation system for water and minerals?**

Ans
- ✗ A. Because plants have high energy needs like animals
- ✗ B. Because plants move and need rapid transport throughout the body
- ✗ C. Because diffusion does not occur in plants
- ✓ D. Because diffusion alone is insufficient for large distances in tall plants

Q.5 **A runner moves 60 meters north and then 80 meters south in 20 seconds. Which statement is correct about her average speed and average velocity?**

Ans
- ✓ A. Average speed is greater than average velocity
- ✗ B. Average speed equals average velocity
- ✗ C. Average speed is less than average velocity
- ✗ D. Average speed is zero

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Q.6 **Which of the following is a correct property of a colloidal solution?**

Ans

✗ A. The solute settles down after some time.

✗ B. The solute particles are invisible under a microscope.

✗ C. The solute can be separated by filtration.

✓ D. The particles scatter a beam of light.

Q.7 **An object is placed 15 cm from a concave lens of focal length 10 cm. What is the nature and position of the image formed by the lens?**

Ans

✓ A. The image is virtual, upright and 6 cm from the lens on the same side as the object

✗ B. The image is virtual, inverted and 12 cm from the lens on the opposite side to the object

✗ C. The image is real, inverted and 20 cm from the lens on the opposite side to the object

✗ D. The image is real, upright and 8 cm from the lens on the same side as the object

---

Q.8 **A car driver uses a rear-view mirror to observe vehicles behind. If the mirror were replaced with a concave mirror of the same size, which of the following is the most likely consequence for the image of a car far behind?**

Ans

✓ A. The image would appear inverted and could be larger or smaller depending on the position

✗ B. The image would always be virtual, inverted, and diminished

✗ C. The image would always be virtual, erect, and magnified

✗ D. The image would always be virtual, erect, and diminished

---

Q.9 **जीवांचा कोणता गट अन्नासाठी पूर्णपणे आणि थेट उत्पादकांवर अवलंबून असतो?**

Ans

✗ A. विघटक

✗ B. मांसाहारी

✗ C. सर्वभक्षी

✓ D. शाकाहारी

Q.10 **The importance of valency in forming chemical formulae lies in:**

Ans

✗ A. Measuring the reactivity rate of atoms in gaseous condition

✓ B. Determining how atoms of elements combine with each other

✗ C. Predicting the energy released during compound formation

✗ D. Identifying the molecular geometry using bonding angles only

---

Q.11 **In a generator, what would be the result if the coil is rotated at double the original speed in the same magnetic field?**

Ans

✗ A. The magnetic field strength will double

✗ B. The direction of current will reverse

✓ C. The induced potential difference will be twice as large

✗ D. The resistance of the coil will halve

Q.12 **What is the main purpose of making urine in animals?**

Ans

✗ A. Produce hormones

✗ B. Store energy for future use

✓ C. Remove harmful metabolic wastes

✗ D. Digest and absorb food

Q.13 **Complete the analogy.**
Ribosomes : Protein Synthesis :: Mitochondria : _____.

Ans

✗ A. Waste Removal

✓ B. Energy Production

✗ C. Cell Division

✗ D. DNA Replication

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Q.14 The average atomic mass of chlorine atom, based on the given isotopic ratio and masses, is ___.

Ans

✔ A. 35.5 u

✘ B. 37 u

✘ C. 34.5 u

✘ D. 36 u

Q.15 A wildlife reserve in the Western Ghats is losing forest cover rapidly. Which statement best explains why this region is a global conservation priority?

Ans

✘ A. It is a dry desert ecosystem that has few species

✔ B. It is a biodiversity hotspot with many endemic species

✘ C. It is a crucial path used by migratory birds

✘ D. It is a vast region with only widely distributed species

Q.16 Why does galvanisation protect iron even when the zinc layer is damaged?

Ans

✘ A. Zinc prevents oxygen contact

✘ B. Zinc reacts faster with water

✔ C. Zinc corrodes preferentially

✘ D. Zinc increases iron hardness

Q.17 A factory manager is comparing two machines that perform the same task. Machine A takes more time to complete the task than Machine B. Based on the definition of power, which factor should the manager consider to determine which machine is more powerful?

Ans

✘ A. The amount of energy used by each machine

✘ B. The mass of each machine

✔ C. The rate at which each machine does work

✘ D. The total work done by each machine

Q.18 A doctor is preparing a cast for a fractured arm. Why is Plaster of Paris preferred over cement or lime for this purpose?

Ans

✘ A. It is more colorful

✘ B. It is heavier than cement

✘ C. It produces heat when mixed with water

✔ D. It sets quickly and forms a hard, supportive mass

Q.19 Which property of alcohol makes it suitable for use as an alternative fuel in vehicles?

Ans

✘ A. It has a lower boiling point than water.

✔ B. It burns cleanly, producing less smoke and harmful gases.

✘ C. It is a gaseous fuel.

✘ D. It is heavier than petrol.

Q.20 A force of 7 N acts on an object, displacing it through 8 m in the direction of the force. What is the work done?

Ans

✘ A. 27 J

✘ B. 15 J

✘ C. 1 J

✔ D. 56 J

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Q.21 **Why do oxidation and reduction reactions always occur together in chemical changes?**

Ans

✗ A. Reaction must be balanced

✓ B. One substance loses what another gains

✗ C. Products must be neutral

✗ D. Energy conservation law demands it

Q.22 **Which of the following best describes the motion of a car traveling at a constant speed around a circular track?**

Ans

✗ A. The car moves with uniform motion as its velocity remains constant in both magnitude and direction.

✗ B. The car experiences non-uniform motion because it moves along a curved path at constant speed.

✗ C. The car moves in a straight line at constant speed since its direction never changes.

✓ D. The car moves with uniform circular motion because its speed is constant, but its direction changes continuously.

Q.23 **A clinical botanist is required to identify a plant to its family. Which of the following taxonomic ranks is immediately higher than family in the classification hierarchy?**

Ans

✗ A. Genus

✗ B. Cultivar

✓ C. Order

✗ D. Species

Q.24 **Read the following statements carefully and choose the correct option:**

Assertion (A): Coal was formed from trees and plants buried under earth millions of years ago.

Reason (R): Heat and pressure over time converted the remains of plants into coal.

Ans

✗ A. A is true, but R is false.

✗ B. A is false, but R is true.

✓ C. Both A and R are true, and R is the correct explanation of A.

✗ D. Both A and R are true, and R is not the correct explanation of A.

Q.25 **Which of the following best describes the effect of excessive reverberation in a large auditorium during a speech?**

Ans

✗ A. It improves the quality of music by making it sharper and more distinct.

✗ B. It allows the audience to hear sound for a shorter duration than intended.

✓ C. It causes spoken words to overlap and become unclear to the audience.

✗ D. It increases the volume of the speaker's voice for everyone present.

Section : **Mathematics**

Q.26 **A vendor sold 20 chocolates for one rupee and made a profit of 100%. How many chocolates did he originally purchase for one rupee?**

Ans

✗ A. 42

✗ B. 46

✓ C. 40

✗ D. 44

Q.27 **A train running at 63 km/h takes 30 sec to pass a platform. Next it takes 18 sec to pass a man cycling at 9 km/h in the same direction in which the train is going. The ratio of the length of the train to the length of the platform is:**

Ans

✓ A. 18 : 17

✗ B. 8 : 7

✗ C. 21 : 19

✗ D. 10 : 9

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Q.28 The radius of a cylinder is increased by $33\frac{1}{3}$% and its height is decreased by x% such that the volume of the cylinder remains unchanged. Find x.

Ans
- ✗ A. 42.5
- ✗ B. 41.25
- ✗ C. 44.15
- ✓ D. 43.75

Q.29 Four litres of paint was required to paint the surface of a solid sphere. If 4 identical pieces were made of this solid sphere, then how many litres of paint would be required to paint all the surfaces of these 4 pieces?

Ans
- ✗ A. 12
- ✗ B. 16
- ✗ C. 6
- ✓ D. 8

Q.30 Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 24 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

Ans
- ✓ A. 1
- ✗ B. 4
- ✗ C. 3
- ✗ D. 2

Q.31 Radhika invested ₹5,800 at compound interest, compounded annually, for 2 years. If the compound interest earned at the end of 2 years is ₹594.50, find the annual rate of interest.

Ans
- ✗ A. 6.3%
- ✗ B. 4%
- ✗ C. 5.6%
- ✓ D. 5%

Q.32 If the mean of the following data is 49, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	50	42	37	41	x

Ans
- ✗ A. 547
- ✓ B. 565
- ✗ C. 587
- ✗ D. 559

Q.33 If $\sqrt{x^2 - 21^2} - \sqrt{7.29} = 17.3$, find the positive value of x.

Ans
- ✗ A. 19
- ✗ B. 21
- ✓ C. 29
- ✗ D. 27

Q.34 The population of a city is increased from 64,000 to 93,500 in a year. Calculate the percentage increase in the population (rounded off to two decimal places).

Ans
- ✗ A. 46.64%
- ✗ B. 46.39%
- ✓ C. 46.09%
- ✗ D. 46.56%

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Q.35 If A is an acute angle, what is the value of the following expression?

$$\frac{1 + \cos A}{1 - \cos A} - 2\cot A \operatorname{cosec} A$$

Ans
✗ A. $\operatorname{cosec}^2 A - \cot^2 A$
✗ B. $\cot^2 A$
✗ C. $\operatorname{cosec}^2 A$
✓ D. $\operatorname{cosec}^2 A + \cot^2 A$

Q.36 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 73% and 79%, shop II allows successive discounts of 49% and 32%, shop III allows successive discounts of 14% and 92% and shop IV allows successive discounts of 76%, 49%, and 55% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
✗ A. III
✗ B. II
✗ C. I
✓ D. IV

Q.37 Simplify the expression: $(x + 3)^2 - x^2 - 9 - 6x$

Ans
✗ A. 3x
✗ B. 9
✓ C. 0
✗ D. 6x

Q.38 Three friends, Amit, Sumit, and Rohit, invested ₹4,000, ₹6,000, and ₹8,000, respectively, to start a business. At the end of the year, they made a profit of ₹9,000. What is Sumit's share in the profit?

Ans
✓ A. ₹3,000
✗ B. ₹4,000
✗ C. ₹4,500
✗ D. ₹2,000

Q.39 The expenditure of Sudha is 150% more than her savings. If her expenditure decreases by 7% and savings increase by 21%, then by what percent does her income increase?

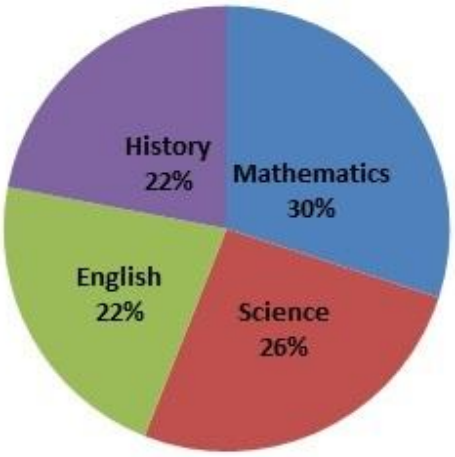
Ans
✗ A. 5%
✗ B. 3%
✓ C. 1%
✗ D. 6%

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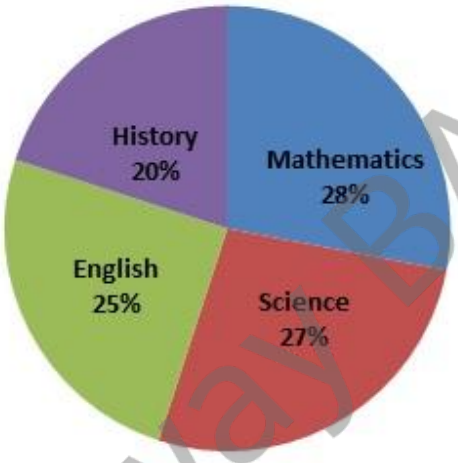
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Q.40 दिलेले वर्तुळालेख स्कूल A आणि स्कूल B चा तपशील दर्शवतात, ज्यांमध्ये अनुक्रमे 300 आणि 200 विद्यार्थी आहेत, तसेच विद्यार्थ्यांच्या आवडत्या विषयांचे टक्केवारीनुसार वितरणही दर्शवतात. चार्टचा काळजीपूर्वक अभ्यास करा आणि त्यानंतरच्या प्रश्नाचे उत्तर द्या.

School -A



School -B



स्कूल A मधील ज्या विद्यार्थ्यांचे आवडते विषय गणित किंवा इंग्रजी आहेत, त्यांची एकूण संख्या; आणि स्कूल B मधील ज्या विद्यार्थ्यांचे आवडते विषय विज्ञान किंवा इंग्रजी आहेत, त्यांची एकूण संख्या यांच्यातील फरक शोधा.
टीप: Mathematics - गणित, English - इंग्रजी, Science- विज्ञान, History- इतिहास

Ans
✗ A. 43
✗ B. 38
✗ C. 49
✓ D. 52

Q.41 A bank offers 6.9% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹9,688 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____.
(Round your answer to the nearest paise.)

Ans
✗ A. ₹1,021.44
✗ B. ₹1,025.70
✗ C. ₹1,022.06
✓ D. ₹1,014.24

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Q.42 if sin A + cos A = √2, then the value of sin A - cos A is:

Ans
- ✗ A. 0.75
- ✗ B. -0.75
- ✓ C. 0
- ✗ D. -0.6

Q.43 A long-distance train has passengers in first class, second class, and sleeper class in the ratio 2 : 3 : 5. The ticket fares for these three classes are in the ratio 8 : 7 : 3. If the total revenue collected from ticket sales is ₹96,200, find the amount of revenue generated from second-class tickets.

Ans
- ✗ A. ₹42,000
- ✓ B. ₹38,850
- ✗ C. ₹42,600
- ✗ D. ₹39,800

Q.44 A mixture of chemicals contains chemical X and chemical Y. If 3 L of chemical Y is added, chemical X becomes 40%. If 3 L of chemical X is added instead, chemical X becomes 50%. Find the initial quantity of the mixture.

Ans
- ✓ A. 27 L
- ✗ B. 22 L
- ✗ C. 21 L
- ✗ D. 25 L

Q.45 Calculate the mean from the following items.

163, 141, 155, 175, 186

Ans
- ✗ A. 162
- ✗ B. 160
- ✓ C. 164
- ✗ D. 166

Q.46 Given that $81^{0.4} = x$, $81^{0.78} = y$ and $x^z = y^2$, then the value of z is:

Ans
- ✗ A. 4.9
- ✓ B. 3.9
- ✗ C. 2.9
- ✗ D. 1.9

Q.47 A boat travels a certain distance. The ratio of the time taken by the boat to travel downstream to the time taken to travel upstream is 5:7. If the downstream speed is 21 km/h, find the speed of the boat in still water.

Ans
- ✗ A. 12 km/h
- ✗ B. 13 km/h
- ✓ C. 18 km/h
- ✗ D. 9 km/h

Q.48 Which of the following pairs of numbers are co-prime?

Ans
- ✗ A. 30, 201
- ✓ B. 119, 239
- ✗ C. 49, 217
- ✗ D. 48, 111

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Q.49 Find the simple interest (in ₹) on ₹1,200 at an interest rate of 6% per month in 11 months.

Ans

✗ A. 66

✗ B. 132

✗ C. 86

✓ D. 792

Q.50 If the length of the arc of a circle whose diameter is 14 cm is $3\frac{2}{3}$ cm, then twice the area of the sector (in cm^2) formed by this arc is

Ans

✗ A. $\frac{77}{2}$

✗ B. $\frac{77}{9}$

✗ C. $\frac{77}{5}$

✓ D. $\frac{77}{3}$

Section : General Intelligence and Reasoning

Q.51 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

NJM : SHJ
UNQ : ZLN

Ans

✗ A. FIL : KFI

✓ B. MSV : RQS

✗ C. DLP : IJL

✗ D. GPM : LNI

Q.52 Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) G Ω M % I # D K $ H E ω E S ± E % U $ Z % U S # V (Right)

How many such symbols are there, which are immediately preceded by a vowel and also immediately followed by consonant?

Ans

✓ A. Two

✗ B. Three

✗ C. One

✗ D. None

Q.53 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: RWG :: WBL : %

Ans

✗ A. # = LNX , % = FKU

✗ B. # = INX , % = FKV

✓ C. # = INX , % = FKU

✗ D. # = INX , % = HKU

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Q.54 This question is based on the following words.
SYE GEM TAP KIT
In each of the words, each vowel is changed to the second letter preceding it in the English alphabetical order and each consonant is changed to the letter immediately following it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. Three
- ✗ B. Four
- ✓ C. Two
- ✗ D. One

Q.55 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as that followed in the given sets?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
18 - 36 - 108 - 118
24 - 48 - 144 - 154

Ans
- ✓ A. 25 - 50 -150 - 160
- ✗ B. 27 - 54 - 128 - 148
- ✗ C. 28 - 38 - 76 - 86
- ✗ D. 26 - 52 - 62 - 124

Q.56 U is father of V. V is mother of W. W is brother of X. How is U related to X?

Ans
- ✗ A. Mother
- ✗ B. Father's Mother
- ✗ C. Father
- ✓ D. Mother's Father

Q.57 Anita starts from Point A and drives 6 km towards North. She then takes a right turn, drives 5 km, turns right and drives 11 km. She then takes a right turn and drives 8 km. She takes a final right turn, drives 5 km and stops at Point B. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified.)

Ans
- ✗ A. 3 km towards North
- ✓ B. 3 km towards East
- ✗ C. 5 km towards East
- ✗ D. 5 km towards North

Q.58 In a queue with total 18 students standing facing north, one behind the other, there were 4 students behind Rahul. What was Rahul's position from the front of the queue?

Ans
- ✗ A. 15th
- ✓ B. 14th
- ✗ C. 12th
- ✗ D. 13th

Q.59 OF 10 is related to QC -1 in a certain way. In the same way, JL 17 is related to LI 6. To which of the following is KM 5 related, following the same logic?

Ans
- ✗ A. CF -4
- ✗ B. HY -7
- ✓ C. MJ -6
- ✗ D. VJ -5

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Q.60 In a certain code language, ‘CREW’ is coded as ‘3685’ and ‘WEAR’ is coded as ‘5816’. What is the code for ‘A’ in the given code language?

Ans
- ✗ A. 3
- ✗ B. 6
- ✗ C. 5
- ✓ D. 1

Q.61 In a certain code language, ‘do your task fast’ is coded as ‘ar nm by pu’ and ‘task is very tough’ is coded as ‘gt ol cx nm’. How is ‘task’ coded in that language? (All the codes are two-letter codes only.)

Ans
- ✗ A. gt
- ✗ B. ol
- ✓ C. nm
- ✗ D. ar

Q.62 A, B, C, D, E and F are sitting around a circular table with their backs towards the centre. C is sitting second to the right of A. B is sitting second the right of C. F is sitting to the immediate left of A. D is not the immediate neighbour of A. Who is sitting to the immediate right of C?

Ans
- ✗ A. F
- ✓ B. D
- ✗ C. B
- ✗ D. E

Q.63 What will come in the place of ‘?’ in the following equation, if ‘+’ and ‘–’ are interchanged and ‘×’ and ‘÷’ are interchanged?
29 ÷ 17 + 606 × 3 − 359 = ?

Ans
- ✗ A. 649
- ✗ B. 660
- ✓ C. 650
- ✗ D. 638

Q.64 What will come in the place of the question mark (?) in the following equation if ‘+’ and ‘–’ are interchanged, and ‘×’ and ‘÷’ are interchanged?

70 ÷ 2 + 150 × 3 − 8 = ?

Ans
- ✓ A. 98
- ✗ B. 78
- ✗ C. 108
- ✗ D. 118

Q.65 The position(s) of how many letters will remain unchanged if each of the letter in the word TRADITIONAL is arranged in the English alphabetical order?

Ans
- ✗ A. Four
- ✓ B. Two
- ✗ C. One
- ✗ D. Three

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Q.66 Each of G, H, I, J, K, L and M has an exam on a different day of a week, starting from Sunday and ending on Saturday of the same week.
G has an exam on Wednesday. Only two people have exam between G and L. I has exam on the day immediately before H. Only one person has exam between I and K. J has exam before M.
On which day does M have the exam?

Ans
✗ A. Thursday
✓ B. Sunday
✗ C. Friday
✗ D. Saturday

Q.67 Each of P, Q, R, S, T, U and V has an exam on a different day of the same week starting from Monday and ending on Sunday.
R has an exam on one of the days after Thursday but not on Saturday. Only two people have exams between R and Q. V has an exam immediately before Q. As many people have an exam before V as after U. P has an exam immediately before T. More than two people have exams between T and S. Who has an exam on Tuesday?

Ans
✗ A. P
✗ B. Q
✓ C. T
✗ D. V

Q.68 134 is related to 403 following a certain logic. Following the same logic, 117 is related to 352. To which of the given options is 192 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 536
✗ B. 548
✗ C. 524
✓ D. 577

Q.69 In a certain code language,
A + B means 'A is the daughter of B',
A @ B means 'A is the brother of B',
A - B means 'A is the wife of B', and
A # B means 'A is the father of B'.

Based on the above, how is D related to G if 'D + Y @ R - B # G'?

Ans
✗ A. Brother's daughter
✗ B. Brother's wife
✓ C. Mother's brother's daughter
✗ D. Mother's brother's wife

Q.70 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some pliers are wrenches.
All wrenches are hammers.

Conclusions:
(I) Some hammers are pliers.
(II) No hammer is a plier.

Ans
✗ A. Only conclusion (II) follows
✗ B. Neither conclusion (I) nor (II) follows
✗ C. Both conclusions (I) and (II) follow
✓ D. Only conclusion (I) follows

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Q.71 What should come in place of '?' in the given series?

2 6 12 20 30 ?

Ans
✗ A. 38
✓ B. 42
✗ C. 44
✗ D. 40

Q.72 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north. P sits to the immediate right of I. No one sits to the right of K. Only three people sit between K and Z. Only two people sit between Z and Q. R sits third to the left of I. How many people sit between J and Q?

Ans
✗ A. Two
✓ B. Three
✗ C. One
✗ D. Four

Q.73 Refer to the given letter series and answer the question that follows. Counting to be done from left to right only.

(Left) P R B F U P F B Z D O A X F I I E R C K V (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
✓ A. Two
✗ B. Three
✗ C. None
✗ D. One

Q.74 What should come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

21 ÷ 6 - 312 × 6 + 49 = ?

Ans
✗ A. 139
✗ B. 133
✓ C. 129
✗ D. 137

Q.75 What should come in place of the question mark (?) in the given series based on the English alphabetical order, to make it logically complete?

TEN YIS DMX IQC ?

Ans
✗ A. OVI
✗ B. OUG
✗ C. MTG
✓ D. NUH

Q.76 This question is based on the given words.

PAN LIP EGG HAT

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many words thus formed will have no vowel?

Ans
✗ A. None
✗ B. Three
✓ C. Two
✗ D. Four

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Q.77 **The position(s) of how many letters will remain unchanged if each letter in the word SOUNDTRACK is arranged in the alphabetical order?**

Ans
- ✗ A. Four
- ✓ B. One
- ✗ C. Three
- ✗ D. Two

Q.78 **Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?**
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. LN - KM
- ✓ B. OQ - PV
- ✗ C. NP - MO
- ✗ D. HJ - GI

Q.79 **Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?**
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. NQT
- ✗ B. DGJ
- ✓ C. LNQ
- ✗ D. PSV

Q.80 **Refer to the given letter and symbol series and answer the question that follows. Counting to be done from left to right only.**

(Left) P E X N \ P X K M ? + T A T C ^ J \ + J ^ (Right)

How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a letter?

Ans
- ✗ A. One
- ✓ B. Two
- ✗ C. Three
- ✗ D. Four

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Section : General Awareness and Current Affairs

Q.81 **In February 2026, Prime Minister Modi inaugurated new administrative complexes in New Delhi as part of the Central Vista redevelopment. What are the names of these complexes and which body do they house?**

Ans
- ✓ A. Seva Teerth and Kartavya Bhavan; house PMO, Cabinet Secretariat, and key ministries
- ✗ B. Bharat Bhavan; houses only the Ministry of Defence
- ✗ C. Swarna Mandir; houses the Ministry of Finance and RBI
- ✗ D. Lok Kalyan Marg; houses the Prime Minister's residence and office

Q.82 **Which autonomous research institute under the Department of Atomic Energy had conducted the 2026 first-of-its-kind study analysing the impact of climate shocks such as erratic rainfall, floods, droughts, and rising temperatures on poverty across 593 districts in 21 states of India?**

Ans
- ✓ A. National Institute of Science Education and Research
- ✗ B. Indian Council of Agricultural Research
- ✗ C. Indian Institute of Science Education and Research
- ✗ D. National Environmental Research Institute

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Q.83 Who became the youngest swimmer to cross the 29-km Palk Strait stretch between Sri Lanka and India under "Mission Samandar" in 2026?

Ans

✗ A. Divyansh Patel

✗ B. Aditya Verma

✗ C. Aryan Sharma

✓ D. Ishank Singh

Q.84 The 2026 Winter Olympics, officially known as the Milano Cortina 2026 Olympic Winter Games, were held in which country?

Ans

✓ A. Italy

✗ B. Austria

✗ C. Switzerland

✗ D. France

Q.85 At the indoor athletics meet held in Liévin, France, in February 2026, which athlete broke the women's indoor 800 metres world record, surpassing a mark that had stood since 2002?

Ans

✗ A. Roisin Willis

✗ B. Audrey Werro

✓ C. Keely Hodgkinson

✗ D. Georgia Hunter Bell

Q.86 Which ministry launched the free course "YUVA AI for ALL" under the IndiaAI Mission 2025 in November 2025?

Ans

✗ A. Ministry of Skill Development and Entrepreneurship

✗ B. Ministry of Science and Technology

✓ C. Ministry of Electronics and Information Technology

✗ D. Ministry of Education

Q.87 Which of the following authors wrote "The Sage who Reimagined Hinduism: The Life, Lessons and Legacy of Sree Narayana Guru", a book launched in February 2026 that explores the enduring influence of India's spiritual and reformist traditions?

Ans

✗ A. C. P. Radhakrishnan

✗ B. Adi Shankaracharya

✓ C. Dr. Shashi Tharoor

✗ D. Sree Narayana Guru

Q.88 What major financial reform was initiated in the Union Budget 2026 to support small businesses in India?

Ans

✗ A. Increasing GST rates for service providers

✗ B. Launching export incentives for large corporations

✓ C. SME Growth Fund with an outlay of ₹10,000 crore

✗ D. Revising direct tax slabs for salaried employees

Q.89 Which government initiative was showcased alongside PRAGATI 2026 through displays of indigenous equipment?

Ans

✗ A. National Manufacturing Mission

✓ B. Aatmanirbhar Bharat

✗ C. Digital India

✗ D. Startup India

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Q.90 Who had authored the book 'The Library Man of India: The Story of P.N. Panicker' released by Vice President C. P. Radhakrishnan at Uprashtrapati Bhavan in May 2026?

Ans

✗ A. C. Radhakrishnan

✗ B. Shashi Tharoor

✗ C. M. T. Vasudevan Nair

✓ D. P. P. Sathyan

Q.91 Which Indian state hosted the inaugural multinational military exercise PRAGATI in May 2026?

Ans

✓ A. Meghalaya

✗ B. Bihar

✗ C. Assam

✗ D. Nagaland

Q.92 According to the Economic Survey 2025–26 and World Bank assessment, India was ranked among the top five countries globally in which area among low- and middle-income economies?

Ans

✗ A. Foreign tourist arrivals

✗ B. Agricultural export growth

✓ C. Private investment in infrastructure

✗ D. Gold production

Q.93 As reported in April 2026, which of the following regulatory authorities signed a comprehensive Memorandum of Understanding (MoU) with the Financial Intelligence Unit–India (FIU-India) to strengthen anti-money laundering efforts in the pension sector?

Ans

✗ A. Insurance Regulatory and Development Authority

✗ B. Securities and Exchange Board of India

✗ C. Reserve Bank of India

✓ D. Pension Fund Regulatory and Development Authority

Q.94 In April 2026, which protected area in Uttar Pradesh was officially designated as India's 99th Ramsar Site for wetland conservation?

Ans

✗ A. Keoladeo National Park

✗ B. Sultanpur National Park

✓ C. Shekha Jheel Bird Sanctuary

✗ D. Nal Sarovar Bird Sanctuary

Q.95 Which of the following initiatives, announced in the Union Budget 2026–27, is intended to transform India's sports ecosystem over the next decade?

Ans

✓ A. Khelo India Mission

✗ B. Youth Skilling Campaign

✗ C. Sports Talent Nurturing

✗ D. National Sports Excellence Programme

Q.96 In May 2026, DRDO successfully conducted the maiden flight trial of the TARA weapon system. What is the primary function of this indigenous system?

Ans

✗ A. A hypersonic cruise missile for anti-ship operations.

✗ B. An advanced drone for high-altitude surveillance.

✗ C. A new class of submarine-launched ballistic missile.

✓ D. A modular range extension kit to convert unguided munitions into precision-guided weapons.

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Q.97 The theme “Rights. Justice. Action. For ALL Women and Girls” is associated with which international observance celebrated in March 2026?

Ans

✗ A. International Day of the Girl Child

✗ B. World Social Justice Day

✗ C. International Youth Day

✓ D. International Women’s Day

Q.98 In 2026, the Government of India promoted green hydrogen initiatives mainly to support which SDG?

Ans

✗ A. SDG 2 – Zero Hunger

✗ B. SDG 10 – Reduced Inequalities

✗ C. SDG 15 – Life on Land

✓ D. SDG 7 – Affordable and Clean Energy

Q.99 केंद्रीय अर्थसंकल्प 2026-27 मध्ये प्रमुख धोरणात्मक केंद्रबिंदू बनलेला "विकसीत भारत-G RAM G अधिनियम, 2025" हा प्रामुख्याने कोणत्या पूर्वीच्या ग्रामीण रोजगार हमी योजनेची जागा घेतो?

Ans

✗ A. राष्ट्रीय ग्रामीण आरोग्य अभियान

✗ B. प्रधानमंत्री ग्राम सडक योजना

✗ C. दीन दयाल उपाध्याय ग्रामीण कौशल्य योजना.

✓ D. महात्मा गांधी राष्ट्रीय ग्रामीण रोजगार गॅरंटी अधिनियम

Q.100 Which country recently joined the Maitri Research Station as part of India’s 45th Antarctic expedition, marking a significant milestone in scientific diplomacy?

Ans

✗ A. Oman

✗ B. Qatar

✓ C. United Arab Emirates

✗ D. Saudi Arabia

"

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Registration Number	A92520927524
Roll Number	119254194059906
Candidate Name	TARUN KUMAR
Community	OBC NCL
Test Center Name	Neta Jee Subhash Chandra Bose Online Examination Center
Test Date	18/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	W92500690385
Roll Number	289256283986775
Candidate Name	SHAIK ABRARUL HAQ
Community	OBC CL
Test Center Name	iON Digital Zone iDZ Kurnool
Test Date	18/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 What is a common observable change when a non-metallic oxide is bubbled through a base?

Ans

✗ A. A gas is evolved rapidly during the reaction

✓ B. There is a decrease in alkalinity of the solution

✗ C. The solution turns bright red in color

✗ D. The temperature of the solution falls sharply

Question ID : **4410092178729**
Option 1 ID : **4410098573706**
Option 2 ID : **4410098573705**
Option 3 ID : **4410098573703**
Option 4 ID : **4410098573704**
Status : **Not Answered**
Chosen Option : **--**

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Q.2 **A cyclist covers 2 km in the first 10 minutes and 3 km in the next 10 minutes. What type of motion is this?**

Ans

✗ A. circular motion

✗ B. uniform motion

✓ C. non-uniform motion

✗ D. periodic motion

Question ID : **4410092046215**
Option 1 ID : **4410098056935**
Option 2 ID : **4410098056933**
Option 3 ID : **4410098056934**
Option 4 ID : **4410098056936**
Status : **Answered**
Chosen Option : **C**

Q.3 **A student shouts facing a building 220 meters away. If the speed of sound is 330 m/s, how long after the shout will the echo be heard?**

Ans

✗ A. 0.44 s

✗ B. 0.67 s

✗ C. 2.20 s

✓ D. 1.33 s

Question ID : **4410092046021**
Option 1 ID : **4410098056158**
Option 2 ID : **4410098056159**
Option 3 ID : **4410098056160**
Option 4 ID : **4410098056157**
Status : **Answered**
Chosen Option : **B**

Q.4 **A football player tears a structure that connects muscles to bones during practice. Which structure is most likely damaged?**

Ans

✗ A. Cartilage

✗ B. Nerve

✗ C. Ligament

✓ D. Tendon

Question ID : **4410091970965**
Option 1 ID : **4410097763203**
Option 2 ID : **4410097763204**
Option 3 ID : **4410097763201**
Option 4 ID : **4410097763202**
Status : **Answered**
Chosen Option : **D**

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Q.5 Which of the following formations is the three carbon molecule formed during the breakdown of glucose?

Ans

✔ A. Formation of pyruvate molecule

✘ B. Formation of acetyl-co-A molecule

✘ C. Formation of glucose-6-phosphate

✘ D. Formation of fructose-6-phosphate

Question ID : **4410091978211**
Option 1 ID : **4410097791745**
Option 2 ID : **4410097791746**
Option 3 ID : **4410097791743**
Option 4 ID : **4410097791744**
Status : **Answered**
Chosen Option : **A**

Q.6 With ageing, the power of accommodation of the human eye decreases, causing difficulty in viewing nearby objects clearly. This defect is known as:

Ans

✘ A. Myopia

✘ B. Hypermetropia

✔ C. Presbyopia

✘ D. Astigmatism

Question ID : **4410091418998**
Option 1 ID : **4410095604923**
Option 2 ID : **4410095604924**
Option 3 ID : **4410095604925**
Option 4 ID : **4410095604926**
Status : **Answered**
Chosen Option : **D**

Q.7 Why does touching a vibrating tuning fork to water cause ripples?

Ans

✘ A. The fork makes sound but does not move water

✔ B. Vibrations from the fork transfer energy, moving water

✘ C. Water forms ripples without vibration

✘ D. The fork heats the water and makes ripples

Question ID : **4410092046012**
Option 1 ID : **4410098056123**
Option 2 ID : **4410098056122**
Option 3 ID : **4410098056121**
Option 4 ID : **4410098056124**
Status : **Answered**
Chosen Option : **B**

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Q.8 A toy train moves around a circular track at a constant speed. Which statement correctly describes its motion?

Ans

✔ A. The train changes its direction continuously while moving with constant speed.

✘ B. The train moves with increasing speed along the circular track.

✘ C. The train moves in a straight line with constant speed.

✘ D. The train remains at rest because its speed does not change.

Question ID : **4410092046217**
Option 1 ID : **4410098056943**
Option 2 ID : **4410098056944**
Option 3 ID : **4410098056941**
Option 4 ID : **4410098056942**
Status : **Answered**
Chosen Option : **D**

Q.9 What role do electrons play in the overall charge of an atom?

Ans

✘ A. They make the atom positively charged

✔ B. They balance the positive charge of protons to make atoms neutral

✘ C. They add significant mass to the atom

✘ D. They are present inside the nucleus with neutrons

Question ID : **4410091609579**
Option 1 ID : **4410096357229**
Option 2 ID : **4410096357228**
Option 3 ID : **4410096357230**
Option 4 ID : **4410096357231**
Status : **Answered**
Chosen Option : **B**

Q.10 A student mixes lead metal with iron(II) sulfate solution and observes no visible change. Which statement best explains this observation?

Ans

✔ A. Lead is less reactive than iron and cannot displace it from its compound.

✘ B. Lead is more reactive than iron and displaces it from the solution.

✘ C. Lead reacts vigorously with iron(II) sulfate forming a new compound.

✘ D. The reaction is reversible, so no net change is observed.

Question ID : **4410091691219**
Option 1 ID : **4410096671080**
Option 2 ID : **4410096671079**
Option 3 ID : **4410096671078**
Option 4 ID : **4410096671081**
Status : **Answered**
Chosen Option : **A**

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Q.11 Which sequence best describes the steps for obtaining a pure metal from its ore?

Ans
- ✗ A. Ore is melted, then metal is extracted, and finally enrichment is performed.
- ✗ B. Metal is extracted, then ore is enriched, and finally purification is performed.
- ✓ C. Ore is enriched, then metal is extracted, and finally purification is performed.
- ✗ D. Ore is purified, then metal is extracted, and finally enrichment is performed.

Question ID : **4410092178832**
Option 1 ID : **4410098574118**
Option 2 ID : **4410098574117**
Option 3 ID : **4410098574116**
Option 4 ID : **4410098574115**
Status : **Answered**
Chosen Option : **B**

Q.12 The combustion of carbon allotropes, like diamond and graphite, produces:

Ans
- ✗ A. only carbon dioxide
- ✗ B. only carbon dioxide and heat
- ✓ C. carbon dioxide, heat and light
- ✗ D. only carbon dioxide and light

Question ID : **4410091160915**
Option 1 ID : **4410094578221**
Option 2 ID : **4410094578224**
Option 3 ID : **4410094578222**
Option 4 ID : **4410094578223**
Status : **Answered**
Chosen Option : **C**

Q.13 When a cell prepares to divide, the chromatin material organizes itself into _____.

Ans
- ✗ A. Proteins
- ✗ B. Lysosomes
- ✗ C. Nuclear pores
- ✓ D. Chromosomes

Question ID : **4410091965616**
Option 1 ID : **4410097742748**
Option 2 ID : **4410097742749**
Option 3 ID : **4410097742751**
Option 4 ID : **4410097742750**
Status : **Answered**
Chosen Option : **C**

Q.14 A machine lifts a 1500 N load using an effort of 250 N. Due to friction, the effort required later becomes 375 N while lifting the same load. Which statement is correct?

Ans
- ✗ A. Load increased by 50%
- ✗ B. Effort decreased by 50%
- ✓ C. Effort increased by 50% while load remained unchanged
- ✗ D. Load and effort both increased by 50%

Question ID : **4410092046314**
Option 1 ID : **4410098057329**
Option 2 ID : **4410098057332**
Option 3 ID : **4410098057330**
Option 4 ID : **4410098057331**
Status : **Answered**
Chosen Option : **C**

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Q.15 A policymaker is evaluating the large-scale deployment of solar power in India. Which historical contribution provided the foundational data for solar insolation mapping?

Ans

✗ A. NASA satellite data collection

✓ B. Anna Mani's solar radiation measurements

✗ C. University climate models

✗ D. Government weather forecasts

Question ID : **4410091998940**
Option 1 ID : **4410097872270**
Option 2 ID : **4410097872269**
Option 3 ID : **4410097872271**
Option 4 ID : **4410097872272**
Status : **Answered**
Chosen Option : **B**

Q.16 In a laboratory, a student wants to verify Ohm's Law for a new material. Which experimental approach will most accurately determine if the material obeys Ohm's Law?

Ans

✗ A. Measure resistance at one voltage and compare to tabulated value

✗ B. Observe the heat produced at a single applied voltage

✗ C. Calculate voltage for a fixed current

✓ D. Measure current for several applied voltages and plot voltage versus current

Question ID : **4410092045868**
Option 1 ID : **4410098055546**
Option 2 ID : **4410098055547**
Option 3 ID : **4410098055545**
Option 4 ID : **4410098055548**
Status : **Answered**
Chosen Option : **D**

Q.17 According to Bohr's Atomic Model, the orbit closest to the nucleus is called:

Ans

✗ A. L-shell

✗ B. M-shell

✓ C. K-shell

✗ D. N-shell

Question ID : **441009851220**
Option 1 ID : **4410093357853**
Option 2 ID : **4410093357855**
Option 3 ID : **4410093357854**
Option 4 ID : **4410093357856**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.18 A device uses 1 kilowatt (kW) of power for 1 hour. How much energy does it consume?

Ans

✗ A. 1 watt hour (Wh)

✗ B. 1 joule (J)

✓ C. 1 kilowatt hour (kWh)

✗ D. 1 kilowatt (kW)

Question ID : **4410092045850**
Option 1 ID : **4410098055474**
Option 2 ID : **4410098055473**
Option 3 ID : **4410098055476**
Option 4 ID : **4410098055475**
Status : **Answered**
Chosen Option : **C**

Q.19 Carbohydrate digestion in humans begins in the mouth and is completed in which part of the digestive tract?

Ans

✗ A. Oesophagus

✗ B. Large intestine

✗ C. Stomach

✓ D. Small intestine

Question ID : **4410091620516**
Option 1 ID : **4410096400876**
Option 2 ID : **4410096400875**
Option 3 ID : **4410096400873**
Option 4 ID : **4410096400874**
Status : **Answered**
Chosen Option : **D**

Q.20 Why is depletion of the ozone layer by chlorofluorocarbons (CFCs) considered dangerous for organisms?

Ans

✗ A. It leads to an increase in atmospheric oxygen levels

✗ B. It leads to the generation of infrared radiation

✗ C. It leads to an decrease in rainfall

✓ D. It leads to penetration of UV rays into the atmosphere

Question ID : **4410091978960**
Option 1 ID : **4410097794739**
Option 2 ID : **4410097794741**
Option 3 ID : **4410097794742**
Option 4 ID : **4410097794740**
Status : **Answered**
Chosen Option : **D**

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Q.21 If the ozone layer becomes thinner, which of the following could happen on Earth?

Ans
✔ A. Increase in ultraviolet radiation reaching Earth
✘ B. Reduction in oxygen levels
✘ C. Decrease in sunlight reaching plants
✘ D. Cooling of the Earth's atmosphere only

Question ID : **4410091499929**
Option 1 ID : **4410095924613**
Option 2 ID : **4410095924612**
Option 3 ID : **4410095924610**
Option 4 ID : **4410095924611**
Status : **Answered**
Chosen Option : **A**

Q.22 A compound has the molecular formula C4H10. Which statement best describes its structure?

Ans
✘ A. It has a cyclic structure and a single isomer
✘ B. It must contain a carbon-carbon double bond
✘ C. It forms only one possible structure
✔ D. It can exist as two different isomers with straight or branched chains

Question ID : **4410092178437**
Option 1 ID : **4410098572537**
Option 2 ID : **4410098572536**
Option 3 ID : **4410098572538**
Option 4 ID : **4410098572535**
Status : **Answered**
Chosen Option : **D**

Q.23 When a flashlight is turned on, what energy change occurs?

Ans
✘ A. Chemical energy changes to sound energy
✘ B. Light energy changes to chemical energy
✘ C. Light energy changes to sound energy
✔ D. Chemical energy changes to light energy

Question ID : **4410092046048**
Option 1 ID : **4410098056266**
Option 2 ID : **4410098056268**
Option 3 ID : **4410098056265**
Option 4 ID : **4410098056267**
Status : **Answered**
Chosen Option : **D**

Q.24 Which of the following is a pure substance?

Ans
✔ A. Both compound and element
✘ B. Only compound
✘ C. Only mixture
✘ D. Only element

Question ID : **441009874398**
Option 1 ID : **4410093451064**
Option 2 ID : **4410093451061**
Option 3 ID : **4410093451063**
Option 4 ID : **4410093451062**
Status : **Answered**
Chosen Option : **A**

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Q.25 A researcher attempts to cultivate plants with true roots, stems, and leaves but finds that reproduction only occurs when water is present. Which feature limits these plants' distribution?

Ans

✗ A. Lack of vascular tissue

✗ B. Absence of true roots

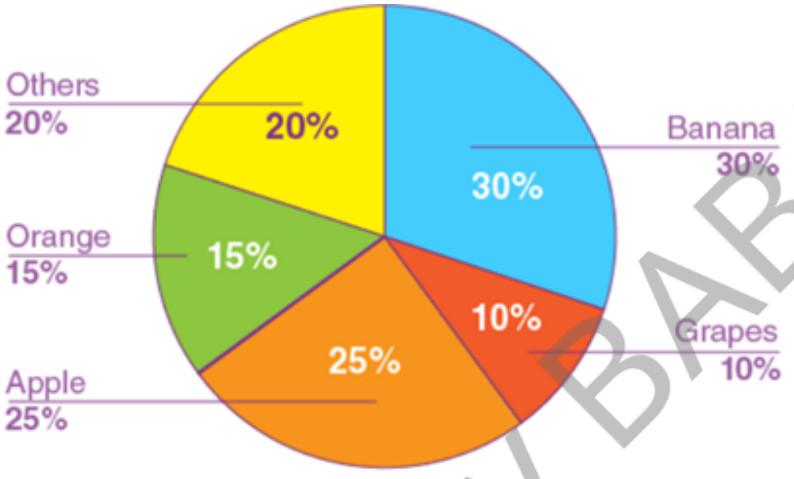
✗ C. Seeds encased in fruits

✓ D. Water-dependent reproduction

Question ID : **4410091993533**
Option 1 ID : **4410097851675**
Option 2 ID : **4410097851674**
Option 3 ID : **4410097851676**
Option 4 ID : **4410097851673**
Status : **Answered**
Chosen Option : **A**

Section : **Mathematics**

Q.26 In a party, fruit chat is made with a total 150 kg of fruits. The distribution of different type of fruits is shown in the given graph.



The amount of Banana used in the fruit chat is what percentage more than the amount of Apple used?

Ans

✗ A. 22%

✓ B. 20%

✗ C. 25%

✗ D. 30%

Question ID : **4410091246004**
Option 1 ID : **4410094917295**
Option 2 ID : **4410094917294**
Option 3 ID : **4410094917296**
Option 4 ID : **4410094917297**
Status : **Answered**
Chosen Option : **B**

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Q.27 Find the fourth proportional to 6, 9, and 15.

Ans

✗ A. 25.5

✗ B. 21.5

✗ C. 18.5

✓ D. 22.5

Question ID : **4410091740078**
Option 1 ID : **4410096861875**
Option 2 ID : **4410096861873**
Option 3 ID : **4410096861872**
Option 4 ID : **4410096861874**
Status : **Answered**
Chosen Option : **D**

Q.28 If $A = 7.5°$, what is the value of $\frac{32\sqrt{3}\sin 8A + 28\sec 8A}{13\sqrt{3}\,\mathrm{cosec}\,6A}$?

Ans

✗ A. $\frac{3\sqrt{6}}{5}$

✗ B. $\frac{2\sqrt{6}}{3}$

✗ C. $\frac{5\sqrt{6}}{3}$

✓ D. $\frac{4\sqrt{6}}{3}$

Question ID : **441009594341**
Option 1 ID : **4410092332483**
Option 2 ID : **4410092332482**
Option 3 ID : **4410092332484**
Option 4 ID : **4410092332481**
Status : **Not Answered**
Chosen Option : **--**

RAILWAY BABA

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Q.29 **A manufacturing plant employs 3,000 workers with varying hourly wages. The distribution of their wages is given below.**

Wage Range (₹ per hour)	Number of Workers
Less than 3.00	150
3.01 – 4.50	580
4.51 – 6.00	900
6.01 – 7.50	500
7.51 – 9.00	600
More than 9.00	270
Total	**3,000**

Using the data above, determine the median hourly wage of the employees (Round off your answer to two decimal places.)

Ans
✗ A. ₹6.23
✗ B. ₹4.74
✗ C. ₹5.98
✓ D. ₹5.79

Question ID : **441009335605**
Option 1 ID : **4410091308402**
Option 2 ID : **4410091308399**
Option 3 ID : **4410091308401**
Option 4 ID : **4410091308400**
Status : **Not Answered**
Chosen Option : **--**

Q.30 **A vendor purchases lemons at the rate of 27 lemons for ₹1. At what rate (number of lemons per ₹1) should he sell them in order to gain 80%?**

Ans
✗ A. 17
✗ B. 19
✓ C. 15
✗ D. 16

Question ID : **441009575371**
Option 1 ID : **4410092256606**
Option 2 ID : **4410092256607**
Option 3 ID : **4410092256604**
Option 4 ID : **4410092256605**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.31 A hemispherical bowl of internal radius 15 cm is full of liquid. This liquid is to be filled into cylindrical bottles of diameter 5 cm and height 6 cm. How many bottles are required to empty the bowl completely?

Ans
✔ A. 60
✘ B. 58
✘ C. 55
✘ D. 64

Question ID : **4410091568490**
Option 1 ID : **4410096195248**
Option 2 ID : **4410096195247**
Option 3 ID : **4410096195246**
Option 4 ID : **4410096195249**
Status : **Not Answered**
Chosen Option : **--**

Q.32 Two pipes A and B can fill a tank in 20 hours and 30 hours, respectively, while pipe C can empty the tank in 60 hours. All three taps are opened at the beginning. 10 hours before the tank is filled, pipe C is closed. How much total time (in hours) will it take to fill the tank?

Ans
✔ A. $12\frac{1}{2}$
✘ B. $10\frac{1}{2}$
✘ C. $12\frac{1}{4}$
✘ D. $10\frac{1}{4}$

Question ID : **441009330223**
Option 1 ID : **4410091320430**
Option 2 ID : **4410091320429**
Option 3 ID : **4410091320428**
Option 4 ID : **4410091320431**
Status : **Answered**
Chosen Option : **A**

Q.33 A class has boys and girls in the ratio 3:2. In a test, the average marks of the boys are 70 and those of the girls are 80. Find the average marks of the whole class.

Ans
✘ A. 75
✘ B. 76
✔ C. 74
✘ D. 72

Question ID : **441009889691**
Option 1 ID : **4410093512732**
Option 2 ID : **4410093512733**
Option 3 ID : **4410093512730**
Option 4 ID : **4410093512731**
Status : **Answered**
Chosen Option : **C**

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Q.34 Two trains of equal length cross a pole in 12 seconds and 18 seconds, respectively. If they move in the same direction, find the time taken by the faster train to come from behind and completely cross the other train.

Ans
✗ A. 75 seconds
✓ B. 72 seconds
✗ C. 60 seconds
✗ D. 66 seconds

Question ID : **4410091206525**
Option 1 ID : **4410094759649**
Option 2 ID : **4410094759648**
Option 3 ID : **4410094759646**
Option 4 ID : **4410094759647**
Status : **Answered**
Chosen Option : **B**

Q.35 If 2 times the mother's age is 28 years more than 7 times her daughter's age, and 5 times the daughter's age is 5 year less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

Ans
✗ A. 25
✗ B. 34
✓ C. 29
✗ D. 33

Question ID : **4410091123970**
Option 1 ID : **4410094431444**
Option 2 ID : **4410094431442**
Option 3 ID : **4410094431441**
Option 4 ID : **4410094431443**
Status : **Answered**
Chosen Option : **C**

Q.36 What will be the compound interest on a sum of ₹10,124 after 2 years at the rate of 25% per annum, interest being compounded annually?

Ans
✗ A. ₹5,794.75
✗ B. ₹5,994.75
✓ C. ₹5,694.75
✗ D. ₹5,894.75

Question ID : **4410091413396**
Option 1 ID : **4410095582600**
Option 2 ID : **4410095582602**
Option 3 ID : **4410095582599**
Option 4 ID : **4410095582601**
Status : **Answered**
Chosen Option : **C**

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Q.37 The midpoints of a triangle with sides 16 cm, 24 cm, and 32 cm are joir
Find the area (in cm^2) of the triangle formed by these midpoints.

Ans
✔ A. $12\sqrt{15}$
✘ B. $10\sqrt{11}$
✘ C. $12\sqrt{5}$
✘ D. $9\sqrt{7}$

Question ID : **44100939626**
Option 1 ID : **441009158033**
Option 2 ID : **441009158034**
Option 3 ID : **441009158036**
Option 4 ID : **441009158035**
Status : **Not Answered**
Chosen Option : **--**

Q.38 Two banks, A and B, offered loans at 3.5% and 8.5% per annum, respectively. Atul borrowed an amount of ₹4,80,000 from each bank. Find the positive difference between the amounts (in ₹) of simple interest paid to the two banks by Atul after 2 years.

Ans
✘ A. 49,000
✔ B. 48,000
✘ C. 49,500
✘ D. 47,500

Question ID : **441009570128**
Option 1 ID : **4410092235633**
Option 2 ID : **4410092235632**
Option 3 ID : **4410092235635**
Option 4 ID : **4410092235634**
Status : **Not Answered**
Chosen Option : **--**

Q.39 A shop marks an article with ₹1,375. The shop runs a scheme: on buying two identical articles, a customer gets 20% off on the first and 40% off on the second. If a customer buys two, what is the effective percentage discount on the total bill?

Ans
✘ A. 27%
✘ B. 25%
✔ C. 30%
✘ D. 24%

Question ID : **4410091288453**
Option 1 ID : **4410095119172**
Option 2 ID : **4410095119171**
Option 3 ID : **4410095119173**
Option 4 ID : **4410095119170**
Status : **Answered**
Chosen Option : **D**

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Q.40 If $A = \frac{\cos\theta + 1 + \sin\theta}{2\sin\theta}$, then value of $\frac{\cos\theta}{\sin\theta + 1 - \cos\theta}$ is:

Ans
- ✗ A. $1 + A$
- ✗ B. $1 + \frac{1}{A}$
- ✓ C. $A - 1$
- ✗ D. $1 - A^2$

Question ID : **441009592294**
Option 1 ID : **4410092324293**
Option 2 ID : **4410092324295**
Option 3 ID : **4410092324294**
Option 4 ID : **4410092324296**
Status : **Not Answered**
Chosen Option : **--**

Q.41 A car runs the first one-third of a distance at a speed of 42 km/hr, the next half of the distance at a speed of 60 km/hr and the remaining distance at a speed of 72 km/hr. Find the approximate average speed (in km/hr) of the car for the whole journey.

Ans
- ✗ A. 58
- ✗ B. 56
- ✓ C. 53.8
- ✗ D. 48.6

Question ID : **441009620292**
Option 1 ID : **4410092435306**
Option 2 ID : **4410092435305**
Option 3 ID : **4410092435307**
Option 4 ID : **4410092435304**
Status : **Not Answered**
Chosen Option : **--**

Q.42 If (a + b):(b + c):(c + a) = 4:6:10 and a + b + c = 40, what is the value of a?

Ans
- ✓ A. 16
- ✗ B. 8
- ✗ C. 22
- ✗ D. 18

Question ID : **4410091968420**
Option 1 ID : **4410097753613**
Option 2 ID : **4410097753615**
Option 3 ID : **4410097753614**
Option 4 ID : **4410097753616**
Status : **Answered**
Chosen Option : **B**

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Q.43 Find the area of a triangle whose sides are 12 cm, 10 cm and 14 cm.

Ans
✗ A. $28\sqrt{2}\ \text{cm}^2$
✗ B. $28\ \text{cm}^2$
✓ C. $24\sqrt{6}\ \text{cm}^2$
✗ D. $24\ \text{cm}^2$

Question ID : **4410091852404**
Option 1 ID : **4410097301387**
Option 2 ID : **4410097301386**
Option 3 ID : **4410097301385**
Option 4 ID : **4410097301384**
Status : **Answered**
Chosen Option : **A**

Q.44 Simplify the expression: $12 - 3 \times 2 + \frac{8}{2}$.

Ans
✗ A. 8
✓ B. 10
✗ C. 12
✗ D. 14

Question ID : **441009977529**
Option 1 ID : **4410093862870**
Option 2 ID : **4410093862871**
Option 3 ID : **4410093862872**
Option 4 ID : **4410093862873**
Status : **Answered**
Chosen Option : **B**

Q.45 At what rate per cent per annum will a sum of money multiply itself by 20 times in 2 years, interest being compounded annually? (Give your answer correct to one decimal place)

Ans
✗ A. 353.1
✗ B. 340.3
✓ C. 347.2
✗ D. 345.6

Question ID : **441009571787**
Option 1 ID : **4410092242270**
Option 2 ID : **4410092242269**
Option 3 ID : **4410092242268**
Option 4 ID : **4410092242271**
Status : **Answered**
Chosen Option : **B**

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Q.46 Simplify: $\sqrt{9+4\sqrt{5}}$

Ans
✔ A. $2+\sqrt{5}$
✘ B. $5+\sqrt{2}$
✘ C. $1+2\sqrt{5}$
✘ D. $3+\sqrt{5}$

Question ID : **4410091464466**
Option 1 ID : **4410095786079**
Option 2 ID : **4410095786080**
Option 3 ID : **4410095786078**
Option 4 ID : **4410095786081**
Status : **Answered**
Chosen Option : **B**

Q.47 Simplify: $2\div\frac{4}{5}\times(5+8\times2-4)+\left[\frac{1}{5}\div\frac{7}{25}-\left\{\frac{3}{7}+\frac{16}{28}\right\}\right]$

Ans
✘ A. $\frac{59}{28}$
✔ B. $\frac{591}{14}$
✘ C. $\frac{589}{14}$
✘ D. $\frac{59}{14}$

Question ID : **441009977784**
Option 1 ID : **4410093863877**
Option 2 ID : **4410093863874**
Option 3 ID : **4410093863875**
Option 4 ID : **4410093863876**
Status : **Not Answered**
Chosen Option : **--**

Q.48 Priya spends 27% of her income on house rent, 22% on groceries, and 18% on education. If she saves ₹12,400 per month, what is her monthly income (rounded off to the nearest integer)?

Ans
✘ A. ₹37,446
✘ B. ₹37,216
✘ C. ₹37,356
✔ D. ₹37,576

Question ID : **4410091738046**
Option 1 ID : **4410096853871**
Option 2 ID : **4410096853869**
Option 3 ID : **4410096853870**
Option 4 ID : **4410096853872**
Status : **Not Answered**
Chosen Option : **--**

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Q.49 Nirmal's monthly salary is ₹15,000. He spends ₹6,000 on house rent and ₹1,500 on utility bills and saves the remaining amount each month. If, during his birthday month, he spends his entire monthly savings on his birthday celebration, find his total savings (in ₹) for the year.

Ans
✗ A. 90,000
✗ B. 75,000
✗ C. 67,500
✓ D. 82,500

Question ID : **441009853888**
Option 1 ID : **4410093368525**
Option 2 ID : **4410093368526**
Option 3 ID : **4410093368527**
Option 4 ID : **4410093368524**
Status : **Answered**
Chosen Option : **D**

Q.50 What is the value of (2x + 7y), if mean of the following distribution is 53?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	7	11	x	8	y	60

Ans
✗ A. 137
✗ B. 127
✓ C. 133
✗ D. 151

Question ID : **441009623496**
Option 1 ID : **4410092448119**
Option 2 ID : **4410092448117**
Option 3 ID : **4410092448116**
Option 4 ID : **4410092448118**
Status : **Not Answered**
Chosen Option : **--**

Section : **General Intelligence and Reasoning**

Q.51 Manoj ranked 34th from the top and 15th from the bottom in his class. How many students are there in his class?

Ans
✓ A. 48
✗ B. 46
✗ C. 47
✗ D. 49

Question ID : **441009839624**
Option 1 ID : **4410093311564**
Option 2 ID : **4410093311566**
Option 3 ID : **4410093311567**
Option 4 ID : **4410093311565**
Status : **Answered**
Chosen Option : **A**

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Q.52 In a row of 131 students facing north, Mr. Lkj is 79th from the left end. If Mr. Ihg is 9th to the right of Mr. Lkj, what is Mr. Ihg's position from the right end of the line?

Ans
✔ A. 44th
✘ B. 43rd
✘ C. 42nd
✘ D. 45th

Question ID : **4410091628565**
Option 1 ID : **4410096432416**
Option 2 ID : **4410096432415**
Option 3 ID : **4410096432414**
Option 4 ID : **4410096432417**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.53 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✘ A. OT – HZ
✘ B. LQ – EW
✔ C. ZF – SK
✘ D. YD – RJ

Question ID : **441009818747**
Option 1 ID : **4410093229111**
Option 2 ID : **4410093229113**
Option 3 ID : **4410093229112**
Option 4 ID : **4410093229114**
Status : **Answered**
Chosen Option : **C**

Q.54 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All bins are cans. All plastics are cans.

Conclusions:
(I) Some bins are plastics.
(II) Some cans are plastics.

Ans
✘ A. Both conclusions (I) and (II) follow.
✘ B. Neither conclusion (I) nor (II) follows.
✔ C. Only conclusion (II) follows.
✘ D. Only conclusion (I) follows.

Question ID : **441009795913**
Option 1 ID : **4410093137654**
Option 2 ID : **4410093137653**
Option 3 ID : **4410093137652**
Option 4 ID : **4410093137651**
Status : **Answered**
Chosen Option : **A**

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Q.55 If ‘A’ stands for ‘÷’, ‘B’ stands for ‘×’, ‘C’ stands for ‘+’ and ‘D’ stands for ‘−’, what will come in place of the question mark (?) in the following equation?

14 C 30 A 3 D 3 B 5 = ?

Ans
✗ A. 7
✓ B. 9
✗ C. 6
✗ D. 8

Question ID : **441009851163**
Option 1 ID : **4410093357622**
Option 2 ID : **4410093357624**
Option 3 ID : **4410093357621**
Option 4 ID : **4410093357623**
Status : **Answered**
Chosen Option : **B**

Q.56 Refer to the following series of digits and answer the question
(Left) 1 4 2 9 6 3 5 8 2 7 5 1 4 6 8 3 7 2 5 9 4 6 1 7 3 2 8 (Right)
How many such even digits are there each of which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square) (Counting to be done from left to right only)

Ans
✗ A. Two
✗ B. One
✓ C. Three
✗ D. More than three

Question ID : **4410091723372**
Option 1 ID : **4410096796654**
Option 2 ID : **4410096796653**
Option 3 ID : **4410096796655**
Option 4 ID : **4410096796656**
Status : **Answered**
Chosen Option : **A**

Q.57 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operations on the second number result in the third number, and so on. Which of the given options follows the same set of operations as in question?
(NOTE – A two/three-digit number cannot be broken into individual digits for operations e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
120 - 240 - 480;
180 - 360 - 720

Ans
✗ A. 220 - 440 - 640
✗ B. 175 - 350 - 600
✓ C. 125 - 250 - 500
✗ D. 240 - 480 - 840

Question ID : **441009587433**
Option 1 ID : **4410092304861**
Option 2 ID : **4410092304860**
Option 3 ID : **4410092304859**
Option 4 ID : **4410092304858**
Status : **Answered**
Chosen Option : **C**

Railway BABA

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Q.58 What should come in place of ? in the given series?
415 454 506 571 649 ?

Ans
✔ A. 740
✘ B. 786
✘ C. 743
✘ D. 765

Question ID : **4410091601857**
Option 1 ID : **4410096327030**
Option 2 ID : **4410096327031**
Option 3 ID : **4410096327033**
Option 4 ID : **4410096327032**
Status : **Answered**
Chosen Option : **A**

Q.59 Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans
✘ A. HJL
✘ B. BDF
✘ C. NPR
✔ D. RTW

Question ID : **4410091801381**
Option 1 ID : **4410097102516**
Option 2 ID : **4410097102515**
Option 3 ID : **4410097102517**
Option 4 ID : **4410097102518**
Status : **Answered**
Chosen Option : **D**

Q.60 If 1 is subtracted from each odd digit and 1 is added to each even digit in the number 334687935925, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
✘ A. 3
✔ B. 5
✘ C. 6
✘ D. 4

Question ID : **441009851155**
Option 1 ID : **4410093357589**
Option 2 ID : **4410093357591**
Option 3 ID : **4410093357592**
Option 4 ID : **4410093357590**
Status : **Answered**
Chosen Option : **B**

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Q.61 Refer to the given letter and symbol series and answer the question that follows.

(Left) G K } A ? L > & E $ E ¥ I ÷ I ! J @ U + ¥ E % S = T % (Right)

If all the vowels are dropped from the series, then which of the following will be fifth from the left?

Ans
✗ A. J
✗ B. ?
✗ C. @
✓ D. L

Question ID : **441009792631**
Option 1 ID : **4410093124525**
Option 2 ID : **4410093124524**
Option 3 ID : **4410093124526**
Option 4 ID : **4410093124523**
Status : **Answered**
Chosen Option : **D**

Q.62 72 is related to 430 following a certain logic. Following the same logic, 55 is related to 328. To which of the given options is 63 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✓ A. 376
✗ B. 349
✗ C. 328
✗ D. 363

Question ID : **4410091985433**
Option 1 ID : **4410097819952**
Option 2 ID : **4410097819949**
Option 3 ID : **4410097819950**
Option 4 ID : **4410097819951**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.63 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A @ B means 'A is the wife of B' and
A % B means 'A is the father of B'.
Based on the above, how is S related to N if 'S – A + E % R @ N'?

Ans
✗ A. Wife's father
✓ B. Wife's brother
✗ C. Father
✗ D. Brother

Question ID : **441009322017**
Option 1 ID : **4410091254260**
Option 2 ID : **4410091254259**
Option 3 ID : **4410091254262**
Option 4 ID : **4410091254261**
Status : **Answered**
Chosen Option : **B**

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Q.64 UF 21 is related to VC 14 in a certain way. In the same way, VN 18 is related to WK 11. To which of the following is LJ 16 related, following the same logic?

Ans
✔ A. MG 9
✘ B. MF 11
✘ C. LF 9
✘ D. LG 11

Question ID : **441009787753**
Option 1 ID : **4410093105014**
Option 2 ID : **4410093105012**
Option 3 ID : **4410093105011**
Option 4 ID : **4410093105013**
Status : **Answered**
Chosen Option : **A**

Q.65 In a certain code language,
A ! B means 'A is the wife of B'
A + B means 'A is the son of B'
A ÷ B means 'A is the father of B'
A = B means ' A is the sister of B'
Based on the above, how is R related to T if 'R = I + G ÷ H ! T'?

Ans
✘ A. Wife's mother
✔ B. Wife's sister
✘ C. Wife's father
✘ D. Wife's brother

Question ID : **441009292706**
Option 1 ID : **4410091137700**
Option 2 ID : **4410091137698**
Option 3 ID : **4410091137701**
Option 4 ID : **4410091137699**
Status : **Answered**
Chosen Option : **B**

Q.66 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order.
Only two boxes are kept between D and G. Only C is kept above F. No box is kept below G. B is kept at some place below E but at some place above A.
How many boxes are kept above B?

Ans
✘ A. 5
✘ B. 3
✔ C. 4
✘ D. 2

Question ID : **441009180153**
Option 1 ID : **441009711933**
Option 2 ID : **441009711931**
Option 3 ID : **441009711932**
Option 4 ID : **441009711930**
Status : **Answered**
Chosen Option : **C**

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Q.67 Seven friends, B, C, D, T, U, V and W, are sitting around a circular table facing the center of the table. T sits fourth to the right of C. Only two people sit between U and D, when counted from the left of U. B sits third to the left of V. W is an immediate neighbor of V and D. How many people sit between T and W, when counted from the left of W?

Ans
- ✗ A. One
- ✓ B. Four
- ✗ C. Three
- ✗ D. Two

Question ID : **4410097763 55**
Option 1 ID : **4410093059426**
Option 2 ID : **4410093059423**
Option 3 ID : **4410093059424**
Option 4 ID : **4410093059425**
Status : **Answered**
Chosen Option : **A**

Q.68 If 'M' stands for '×' and 'N' stands for '−', what will come in place of the question mark (?) in the following equation?

12 M 5 N 8 = ?

Ans
- ✗ A. 56
- ✗ B. 50
- ✗ C. 54
- ✓ D. 52

Question ID : **4410091477477**
Option 1 ID : **4410095837298**
Option 2 ID : **4410095837295**
Option 3 ID : **4410095837297**
Option 4 ID : **4410095837296**
Status : **Answered**
Chosen Option : **D**

Q.69 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) Q G M A R T U N Z E D O H S V (Right)

How many such consonants are there, each of which is immediately preceded by a vowel?

Ans
- ✗ A. One
- ✗ B. None
- ✓ C. Four
- ✗ D. Two

Question ID : **4410091801798**
Option 1 ID : **4410097104156**
Option 2 ID : **4410097104155**
Option 3 ID : **4410097104158**
Option 4 ID : **4410097104157**
Status : **Answered**
Chosen Option : **C**

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Q.70 The position(s) of how many letters will remain unchanged if each of the letters in the word EDUCATIONAL is arranged in the English alphabetical order?

Ans
✗ A. Two
✓ B. Zero
✗ C. One
✗ D. Three

Question ID : **441009758449**
Option 1 ID : **4410092987791**
Option 2 ID : **4410092987789**
Option 3 ID : **4410092987790**
Option 4 ID : **4410092987792**
Status : **Answered**
Chosen Option : **B**

Q.71 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
OEU QHT SKS UNR ?

Ans
✗ A. RES
✗ B. QEW
✓ C. WQQ
✗ D. ZXE

Question ID : **4410091248018**
Option 1 ID : **4410094925253**
Option 2 ID : **4410094925251**
Option 3 ID : **4410094925252**
Option 4 ID : **4410094925254**
Status : **Answered**
Chosen Option : **C**

Q.72 A, B, C, D, E, F, and G are sitting around a circular table, facing the centre of the table. Only three people sit between E and G, when counted from the left of E. A sits to the immediate left of E. D sits to the immediate right of G. C sits to the immediate left of B. Who sits third to the left of F?

Ans
✗ A. E
✓ B. B
✗ C. C
✗ D. G

Question ID : **4410091149865**
Option 1 ID : **4410094534418**
Option 2 ID : **4410094534416**
Option 3 ID : **4410094534417**
Option 4 ID : **4410094534419**
Status : **Answered**
Chosen Option : **B**

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Q.73 In the word "CONTACT", replace each letter with the previous letter in the English alphabetical order. Arrange the resulting letters alphabetically. Which letter will be at the third position from the left in the new arrangement?

Ans
- ✔ A. M
- ✘ B. S
- ✘ C. N
- ✘ D. Z

Question ID : **4410091794877**
Option 1 ID : **4410097077186**
Option 2 ID : **4410097077188**
Option 3 ID : **4410097077187**
Option 4 ID : **4410097077189**
Status : **Answered**
Chosen Option : **A**

Q.74 This question is based on the following words:
ROW, FIN, SAD, MUD.
In each word, every vowel is replaced by the next letter in the English alphabetical order, and every consonant is replaced by the preceding letter.
How many of the resulting letter clusters contain no vowels?

Ans
- ✘ A. One
- ✔ B. Three
- ✘ C. Four
- ✘ D. Two

Question ID : **4410091397274**
Option 1 ID : **4410095518717**
Option 2 ID : **4410095518719**
Option 3 ID : **4410095518720**
Option 4 ID : **4410095518718**
Status : **Answered**
Chosen Option : **D**

Q.75 This question is based on the given words.

GUT FUN PAN OWL

How many letters are there in the English alphabetical order between the second letter of the first word from the right and the second letter of the first word from the left?

Ans
- ✘ A. 4
- ✘ B. 0
- ✘ C. 2
- ✔ D. 1

Question ID : **441009713980**
Option 1 ID : **4410092809894**
Option 2 ID : **4410092809892**
Option 3 ID : **4410092809893**
Option 4 ID : **4410092809891**
Status : **Answered**
Chosen Option : **D**

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Q.76 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
JOIN - OJNI - JINO
VERB - EVBR - VRBE

Ans
✔ A. CITY - ICYT - CTYI
✘ B. ZONE - NEZO - OZNE
✘ C. GOLD - DGOL - DLOG
✘ D. FLAG - LFAG - AFLG

Question ID : **4410091317764**
Option 1 ID : **4410095202597**
Option 2 ID : **4410095202596**
Option 3 ID : **4410095202594**
Option 4 ID : **4410095202595**
Status : **Answered**
Chosen Option : **A**

Q.77 UK 12 is related to YO 16 in a certain way. In the same way, LS 22 is related to PW 26. To which of the following is MC 32 related, following the same logic?

Ans
✔ A. QG 36
✘ B. VL 16
✘ C. OD 26
✘ D. PF 36

Question ID : **441009765034**
Option 1 ID : **4410093014132**
Option 2 ID : **4410093014129**
Option 3 ID : **4410093014131**
Option 4 ID : **4410093014130**
Status : **Answered**
Chosen Option : **A**

Q.78 Mr. Tosi starts from Point A and drives 17 km towards the East. He then takes a left turn, drives 19 km, turns left and drives 27 km. He then takes a left turn and drives 20 km. He takes a final left turn, drives 10 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✘ A. 7 km to the North
✔ B. 1 km to the North
✘ C. 3 km to the South
✘ D. 5 km to the West

Question ID : **4410091198430**
Option 1 ID : **4410094727607**
Option 2 ID : **4410094727610**
Option 3 ID : **4410094727609**
Option 4 ID : **4410094727608**
Status : **Answered**
Chosen Option : **B**

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Q.79 **In a certain code language, 'leave the room' is coded as 'lw rt bu' and 'please leave now' is coded as 'bu px cp'. How is 'leave' coded in the given language? (All codes are two-letter codes)**

Ans
✗ A. px

✓ B. bu

✗ C. rt

✗ D. lw

Question ID : **441009813484**
Option 1 ID : **4410093208062**
Option 2 ID : **4410093208059**
Option 3 ID : **4410093208061**
Option 4 ID : **4410093208060**
Status : **Answered**
Chosen Option : **B**

Q.80 **In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.**
Among five trees, N, O, R, S and T each having a different height, which tree is the shortest?
(I) O is shorter than S and T is shorter than O. S is taller than only two trees.
(II) N is taller than R.

Ans
✗ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.

✗ B. Both statements I and II together are NOT sufficient to answer the question

✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not

✓ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Question ID : **4410091344092**
Option 1 ID : **4410095309066**
Option 2 ID : **4410095309067**
Option 3 ID : **4410095309065**
Option 4 ID : **4410095309064**
Status : **Answered**
Chosen Option : **D**

Section : **General Awareness and Current Affairs**

Q.81 **Who tabled the Economic Survey 2025-26 in the Parliament on 29th January 2026?**

Ans
✗ A. Amit Shah

✓ B. Nirmala Sitharaman

✗ C. V. Anantha Nageswaran

✗ D. Narendra Modi

Question ID : **4410092008635**
Option 1 ID : **4410097909815**
Option 2 ID : **4410097909814**
Option 3 ID : **4410097909817**
Option 4 ID : **4410097909816**
Status : **Answered**
Chosen Option : **B**

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Q.82 In April 2026, the Ministry of Environment, Forest and Climate Change launched a five-year biodiversity governance project aimed at "greening" Gram Panchayat Development Plans (GPDPs). This initiative is most directly associated with which SDG?

Ans

✗ A. SDG 2 – Zero Hunger

✗ B. SDG 7 – Affordable and Clean Energy

✗ C. SDG 8 – Decent Work and Economic Growth

✓ D. SDG 15 – Life on Land

Question ID : **4410092008958**
Option 1 ID : **4410097911107**
Option 2 ID : **4410097911109**
Option 3 ID : **4410097911108**
Option 4 ID : **4410097911106**
Status : **Answered**
Chosen Option : **B**

Q.83 During the May 2026 nationwide disaster drills, India's National Disaster Management Authority (NDMA) tested a new system that pushes unmissable, region-specific alerts directly to mobile devices without relying on traditional SMS or internet connectivity. What technology framework enables this simultaneous, area-wide transmission?

Ans

✓ A. Cell Broadcast System

✗ B. Satellite Direct Frequency

✗ C. Short Message Peer Protocol

✗ D. Optical Fiber Multi-casting

Question ID : **4410092008437**
Option 1 ID : **4410097909028**
Option 2 ID : **4410097909027**
Option 3 ID : **4410097909026**
Option 4 ID : **4410097909029**
Status : **Answered**
Chosen Option : **C**

Q.84 Which vessel had been commissioned in Goa in January 2026 by the Defence Minister as the first indigenously designed and built pollution control vessel of the Indian Coast Guard?

Ans

✗ A. Samudra Shakti

✓ B. Samudra Pratap

✗ C. Samudra Rakshak

✗ D. Vikram Suraksha

Question ID : **4410092008254**
Option 1 ID : **4410097908297**
Option 2 ID : **4410097908296**
Option 3 ID : **4410097908295**
Option 4 ID : **4410097908294**
Status : **Not Answered**
Chosen Option : **--**

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Q.85 Which country had topped the final medal tally at the 2026 Winter Olympics in Milano Cortina by setting a new record for both gold medals and total medals at a single Winter Games?

Ans

✗ A. Canada

✓ B. Norway

✗ C. The United States of America

✗ D. Germany

Question ID : **4410092008279**
Option 1 ID : **4410097908395**
Option 2 ID : **4410097908397**
Option 3 ID : **4410097908396**
Option 4 ID : **4410097908394**
Status : **Answered**
Chosen Option : **B**

Q.86 Which of the following athletes became the first to set the ultimate national record in the men's 100m sprint at the Federation Cup in May 2026 by running 10.15 seconds to mark below the entry standard set for the Commonwealth Games by the Athletics Federation of India?

Ans

✗ A. Gurindervir Singh

✗ B. Amlan Borgohain

✓ C. Animesh Kujur

✗ D. Manikanta Hoblidhar

Question ID : **4410092008417**
Option 1 ID : **4410097908949**
Option 2 ID : **4410097908946**
Option 3 ID : **4410097908947**
Option 4 ID : **4410097908948**
Status : **Answered**
Chosen Option : **A**

Q.87 In February 2026, a significant national policy on renewable energy was launched. Which organization was chiefly responsible for drafting and releasing the framework for the National Hydrogen Mission?

Ans

✗ A. Department of Biotechnology

✗ B. Ministry of Skill Development and Entrepreneurship

✗ C. Ministry of Home Affairs

✓ D. Ministry of New and Renewable Energy

Question ID : **4410092008102**
Option 1 ID : **4410097907691**
Option 2 ID : **4410097907692**
Option 3 ID : **4410097907690**
Option 4 ID : **4410097907693**
Status : **Answered**
Chosen Option : **D**

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Q.88 In May 2026, the study report titled "Contribution of Jain Community in the Field of Education" was released by which Government of India organization?

Ans

✗ A. National Human Rights Commission

✓ B. National Commission for Minorities

✗ C. National Commission for Scheduled Castes

✗ D. University Grants Commission

Question ID : **4410091983558**
Option 1 ID : **4410097812830**
Option 2 ID : **4410097812829**
Option 3 ID : **4410097812831**
Option 4 ID : **4410097812832**
Status : **Answered**
Chosen Option : **B**

Q.89 Which noted playback singer received the Padma Bhushan in 2026?

Ans

✗ A. Shreya Ghoshal for contributions to classical fusion music

✗ B. Sunidhi Chauhan for contributions to independent cinema songs

✗ C. Kavita Krishnamurthy for contributions to patriotic compositions

✓ D. Alka Yagnik for distinguished service in the field of art

Question ID : **4410092039950**
Option 1 ID : **4410098032614**
Option 2 ID : **4410098032615**
Option 3 ID : **4410098032617**
Option 4 ID : **4410098032616**
Status : **Answered**
Chosen Option : **D**

Q.90 According to the Supreme Court of India's 2026 judgment on stray dog management, which of the following should be prioritized in cases of conflict between animal welfare and public safety?

Ans

✓ A. Protection of public safety and the Right to Life guaranteed under Article 21

✗ B. Complete withdrawal of municipal authorities from stray animal management responsibilities

✗ C. Expansion of commercial animal shelters through private-sector urban development projects

✗ D. Unrestricted re-release of stray animals into all public and institutional spaces

Question ID : **4410092067285**
Option 1 ID : **4410098138259**
Option 2 ID : **4410098138260**
Option 3 ID : **4410098138261**
Option 4 ID : **4410098138258**
Status : **Answered**
Chosen Option : **A**

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Q.91 What had been declared as the official theme of the United Nations (UN) World Wildlife Day observed globally on 3 March 2026?

Ans

✔ A. Medicinal and Aromatic Plants: Conserving Health, Heritage and Livelihoods

✘ B. Biodiversity and Climate Change: Global Action

✘ C. Forests and Livelihoods: Sustaining People and Planet

✘ D. Wildlife Conservation Finance: Investing in People and Planet

Question ID : **4410091983366**
Option 1 ID : **4410097812149**
Option 2 ID : **4410097812152**
Option 3 ID : **4410097812151**
Option 4 ID : **4410097812150**
Status : **Answered**
Chosen Option : **A**

Q.92 Which institution had conducted the palaeoecological research using pollens from wetlands of the Kaziranga National Park to trace the evolution of the habitat of the one-horned rhinoceros in February 2026?

Ans

✘ A. Zoological Survey of India

✘ B. Wadia Institute of Himalayan Geology

✘ C. Indian Institute of Tropical Meteorology

✔ D. Birbal Sahni Institute of Palaeosciences

Question ID : **4410092008555**
Option 1 ID : **4410097909501**
Option 2 ID : **4410097909499**
Option 3 ID : **4410097909500**
Option 4 ID : **4410097909498**
Status : **Answered**
Chosen Option : **D**

Q.93 Which state topped the medals tally in the inaugural edition of Khelo India Tribal Games (KITG) concluded in April 2026?

Ans

✘ A. Himachal Pradesh

✔ B. Karnataka

✘ C. Haryana

✘ D. Uttar Pradesh

Question ID : **4410092092721**
Option 1 ID : **4410098238876**
Option 2 ID : **4410098238877**
Option 3 ID : **4410098238878**
Option 4 ID : **4410098238879**
Status : **Answered**
Chosen Option : **B**

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Q.94 The G-RAM G Scheme 2025 guarantees how many days of wage employment per rural household annually?

Ans

✗ A. 100 days of wage employment

✗ B. 120 days of wage employment

✓ C. 125 days of wage employment

✗ D. 150 days of wage employment

Question ID : **4410091840650**
Option 1 ID : **4410097255834**
Option 2 ID : **4410097255835**
Option 3 ID : **4410097255836**
Option 4 ID : **4410097255837**
Status : **Answered**
Chosen Option : **C**

Q.95 During the 77th Republic Day Parade at Kartavya Path in 2026, which of the following Defence Research & Development Organisation (DRDO) systems was showcased?

Ans

✗ A. Air Independent Propulsion system for Submarines

✗ B. Short Range Anti-Tank Missile

✓ C. Long Range Anti-Ship Hypersonic Missile

✗ D. Inter-continental ballistic missile

Question ID : **4410091671857**
Option 1 ID : **4410096597897**
Option 2 ID : **4410096597896**
Option 3 ID : **4410096597898**
Option 4 ID : **4410096597899**
Status : **Answered**
Chosen Option : **B**

Q.96 At the New Balance Indoor Grand Prix, the first World Athletics Indoor Tour Gold meeting of the 2026 season, held in Boston, which athlete broke the long-standing men's indoor 2,000 metres world record previously held by Kenenisa Bekele?

Ans

✗ A. Davis Bove

✓ B. Hobbs Kessler

✗ C. Cole Hocker

✗ D. Grant Fisher

Question ID : **4410091983875**
Option 1 ID : **4410097814068**
Option 2 ID : **4410097814067**
Option 3 ID : **4410097814066**
Option 4 ID : **4410097814065**
Status : **Not Answered**
Chosen Option : **--**

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Q.97 "Vigil", published in January 2026, is the novel written by which Booker Prize-winning author best known for "Lincoln in the Bardo"?

Ans

✗ A. Douglas Stuart

✓ B. George Saunders

✗ C. Colson Whitehead

✗ D. Kazuo Ishiguro

Question ID : **4410091981181**
Option 1 ID : **4410097803547**
Option 2 ID : **4410097803546**
Option 3 ID : **4410097803544**
Option 4 ID : **4410097803545**
Status : **Not Answered**
Chosen Option : **--**

Q.98 Which major change in India's rural employment framework was introduced through the VB-G RAM G Act, 2025, replacing the earlier MGNREGA system?

Ans

✗ A. Merger of rural employment schemes with urban livelihood missions

✗ B. Transfer of rural employment administration to Gram Panchayats alone

✓ C. Replacement of MGNREGA with the VB-G RAM G rural employment framework

✗ D. Expansion of MGNREGA work guarantee from 100 to 150 days annually

Question ID : **4410092011286**
Option 1 ID : **4410097919961**
Option 2 ID : **4410097919960**
Option 3 ID : **4410097919958**
Option 4 ID : **4410097919959**
Status : **Answered**
Chosen Option : **C**

Q.99 In 2025, which new identity document has the Supreme Court directed the Election Commission of India (ECI) to accept for inclusion in Bihar's revised voters' list?

Ans

✗ A. Ration Card

✗ B. Passport

✓ C. Aadhaar Card

✗ D. Driving License

Question ID : **4410091045991**
Option 1 ID : **4410094133037**
Option 2 ID : **4410094133039**
Option 3 ID : **4410094133040**
Option 4 ID : **4410094133038**
Status : **Answered**
Chosen Option : **B**

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Q.10 Who among the following is the author of the non-fiction book, “India and Her Futures”, launched in March 2026 by Rajya Sabha MP Kamal Haasan?

Ans
- ✔ A. Gopalkrishna Gandhi
- ✘ B. Narendra Modi
- ✘ C. Rahul Gandhi
- ✘ D. Ram Nath Kovind

Question ID : **4410092040157**
Option 1 ID : **4410098033445**
Option 2 ID : **4410098033442**
Option 3 ID : **4410098033443**
Option 4 ID : **4410098033444**
Status : **Not Answered**
Chosen Option : **--**

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	19/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **If a copper wire and an iron wire of the same length and area are compared, which is the one with higher resistance?**

Ans

✗ A. Copper wire

✗ B. Both equal

✓ C. Iron wire

✗ D. Cannot be determined

Q.2 **After a severe injury, a patient's blood pressure decreases and they start to develop extensive bruising. Which dual failure in physiological systems best explains these clinical observations?**

Ans

✗ A. Decreased oxygen transport and increased tissue fluid

✗ B. Enhanced lymph flow and increased platelet aggregation

✗ C. Reduced plasma protein synthesis and increased red blood cell count

✓ D. Reduced platelet function and impaired lymphatic drainage

Q.3 **Which equation correctly represents the reaction between calcium and cold water?**

Ans

✗ A. $Ca + H_2O \rightarrow CaOH_2 + H_2$

✗ B. $2Ca + H_2O \rightarrow 2CaOH + H_2$

✓ C. $Ca + 2H_2O \rightarrow Ca(OH)_2 + H_2$

✗ D. $Ca + H_2O \rightarrow CaH_2 + O_2$

Q.4 **Which organ directly filters nitrogenous waste from human blood?**

Ans

✗ A. Lungs

✗ B. Heart

✓ C. Kidneys

✗ D. Liver

Q.5 **If a car and a truck are pushed with the same force, which will accelerate more according to the second law of motion?**

Ans

✗ A. Both will accelerate equally

✗ B. Neither will accelerate

✓ C. The car will accelerate more

✗ D. The truck will accelerate more

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Q.6 Which pH range is best for most plants to grow in garden soil?

Ans

✗ A. Between pH 4 and pH 5

✓ B. Between pH 6 and pH 7.5

✗ C. Between pH 8.5 and pH 9.5

✗ D. Between pH 3 and pH 4

Q.7 Consider the following reactions:
(I) $Na_2SO_4(aq) + BaCl_2(aq) \rightarrow BaSO_4(s) + 2NaCl(aq)$
(II) $AgNO_3(aq) + NaCl(aq) \rightarrow AgCl(s) + NaNO_3(aq)$
(III) $CaCO_3(s) \xrightarrow{Heat} CaO(s) + CO_2(g)$
(IV) $Fe(s) + CuSO_4(aq) \rightarrow FeSO_4(aq) + Cu(s)$

Which of the above reactions are precipitation reactions?

Ans

✗ A. Only I and III

✗ B. Only III and IV

✓ C. Only I and II

✗ D. Only II and IV

Q.8 What is the general formula for alkanes with 'n' carbon atoms?

Ans

✗ A. C_nH_{2n+1}

✗ B. C_nH_{2n-2}

✓ C. C_nH_{2n+2}

✗ D. C_nH_{2n}

Q.9 A group of engineers is tasked with designing a lecture hall for maximum speech intelligibility. Which combination of features should they prioritize to minimize reverberation?

Ans

✗ A. Upholstered seating with bare walls and floors

✗ B. High ceilings with reflective panels

✓ C. Soft wall coverings, acoustic ceiling tiles, and upholstered seating

✗ D. Polished stone floors and glass walls

Q.10 A scientist is investigating why certain EM waves from the Sun do not reach the Earth's surface. Which property of gamma rays primarily explains their absence at ground level?

Ans

✓ A. They are absorbed by upper atmosphere

✗ B. They have long wavelength

✗ C. They are scattered by clouds

✗ D. They are reflected by Earth's surface

Q.11 In which combined form is oxygen found in the air besides free O_2?

Ans

✓ A. Carbon dioxide

✗ B. Nitrogen gas

✗ C. Argon

✗ D. Methane

Q.12 During an experiment, a student gradually lowers the angle of an ideal ramp while pulling a toy cart to the same height. What observation should the student expect?

Ans

✗ A. The force required increases.

✓ B. The force required decreases.

✗ C. The force required remains constant.

✗ D. The cart gains less potential energy.

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Q.13 **Which of the following is a characteristic property of a suspension?**

Ans

✔ A. Its particles can be seen with the naked eye

✘ B. It only burns with a blue flame

✘ C. Its components cannot be separated

✘ D. It is a true solution

Q.14 **In terms of potential, why does water not flow in a perfectly horizontal tube?**

Ans

✘ A. Because the tube is made of plastic

✘ B. Because gravity does not act on horizontal water

✔ C. Because there is no pressure difference between the two ends

✘ D. Because there is no tank connected

Q.15 **Carbon forms millions of stable compounds, unlike most other elements. Which combination of properties best explains this behavior?**

Ans

✔ A. Strong covalent bonding and tetravalency together

✘ B. Low atomic mass and small atomic size

✘ C. Presence of isotopes and nuclear stability

✘ D. High chemical reactivity and tetravalency together

Q.16 **The formula unit mass of ammonium sulphate, $(NH_4)_2SO_4$, is:**

Ans

✘ A. 136 u

✘ B. 114 u

✔ C. 132 u

✘ D. 118 u

Q.17 **A ball rolls down a hill with no friction and reaches the bottom. Which statement best describes how the energy changes as the ball moves?**

Ans

✘ A. Both potential and kinetic energy increase as the ball moves

✘ B. The ball's kinetic energy decreases as it moves downward

✘ C. The total energy of the ball increases as it rolls

✔ D. The ball's potential energy decreases while its kinetic energy increases

---

Q.18 **A wave has a frequency of 200 Hz and a wavelength of 1.7 m. What does their product represent?**

Ans

✘ A. The amplitude of the wave

✔ B. The speed of the wave

✘ C. The loudness of the wave

✘ D. The period of the wave

Q.19 **Why does the emergent beam from a prism show distinct colors instead of a single white band?**

Ans

✔ A. Each color bends by a different amount

✘ B. All colors bend equally

✘ C. Some colors are absorbed

✘ D. All colors emerge parallel

Q.20 **Farmers use cutting, grafting, and tissue culture to grow many plants with the same useful traits. These methods are preferred as:**

Ans

✘ A. They always create new varieties.

✘ B. They stop flowering in plants.

✘ C. They depend on pollinating insects.

✔ D. They produce genetically identical plants.

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Q.21 **Which of the following is NOT a part of the musculoskeletal system?**

Ans
- ✗ A. Muscles
- ✗ B. Bones
- ✗ C. Tendons
- ✓ D. Nephrons

Q.22 **Which type of nerves arise from the brain in humans?**

Ans
- ✗ A. Autonomic nerves
- ✗ B. Motor nerves
- ✓ C. Cranial nerves
- ✗ D. Spinal nerves

Q.23 **If the velocity-time graph of a moving object shows a straight line parallel to the time axis, what can be concluded about the object's acceleration?**

Ans
- ✗ A. The object has uniform acceleration
- ✗ B. The object has changing acceleration
- ✗ C. The object has negative acceleration
- ✓ D. The object has zero acceleration

Q.24 **A desert plant absorbs carbon dioxide at night and uses it during the day for photosynthesis. Which property of photosynthesis does this illustrate?**

Ans
- ✗ A. Water is unnecessary for photosynthesis in desert plants
- ✗ B. Photosynthesis occurs only at night in desert plants
- ✓ C. Photosynthesis can involve intermediate compounds stored for later use
- ✗ D. Carbon dioxide is not required for photosynthesis in desert plants

Q.25 **What is formed when a non-metal gains electrons?**

Ans
- ✗ A. Proton
- ✗ B. Neutral
- ✓ C. Anion
- ✗ D. Cation

Section : **Mathematics**

Q.26 **Arvind bought an article for ₹x. He sold it to Biru at a loss of 27%. Biru spent ₹163 on its transportation and sold it to Minu at a profit of 60%. If Minu bought it for ₹1,896, then what is the value of x?**

Ans
- ✗ A. 1,382
- ✓ B. 1,400
- ✗ C. 1,388
- ✗ D. 1,386

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Q.27 Which of the following best describes the median in the given set of data values?

Profit (₹)	Number of Shops
1,000-2,000	12
2,000-3,000	18
3,000-4,000	20
4,000-5,000	15
5,000-6,000	5

Ans
- ✔ A. ₹3,250
- ✘ B. ₹3,150
- ✘ C. ₹3,300
- ✘ D. ₹3,200

Q.28 Ravi, Sohan, Raghu and Ani distributed a sum of money amongst themselves in the ratio of 7 : 4 : 6 : 3. If Raghu's share is ₹1,800 more than Ani's share, then what is Sohan's share?

Ans
- ✘ A. ₹2,300
- ✘ B. ₹2,200
- ✔ C. ₹2,400
- ✘ D. ₹2,500

Q.29 Find the greatest number that divides 85, 153, and 221 leaving the same remainder in each case.

Ans
- ✘ A. 34
- ✘ B. 38
- ✘ C. 60
- ✔ D. 68

Q.30 The population of a district is 3,35,000, out of which 2,14,000 are males. 31% of the population is literate. If 31% males are literate, then what percentage of females are literate?

Ans
- ✘ A. 30%
- ✘ B. 28%
- ✔ C. 31%
- ✘ D. 33%

Q.31 What is the minimum number of identical square tiles required to completely floor a room measuring 4m x 3.2 m?

Ans
- ✘ A. 9
- ✘ B. 18
- ✘ C. 40
- ✔ D. 20

Q.32 A boatman can travel 22 km downstream and 15 km upstream in 3 hours and 20 minutes. He can also travel 14 km downstream and 12 km upstream in 2 hours and 24 minutes. What is the speed of the boat in still water? (Round off your answer to two decimal places.)

Ans
- ✘ A. 13.15 km/h
- ✔ B. 11.15 km/h
- ✘ C. 11.75 km/h
- ✘ D. 13.50 km/h

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Q.33 A number is increased by 25% and then decreased by 10%. By what percent does the number increase?

Ans
- ✗ A. 15.6%
- ✓ B. 12.5%
- ✗ C. 13.9%
- ✗ D. 10.4%

Q.34 Given that $24^{0.64} = x$, $24^{0.05} = y$ and $x^z = y^3$, then the value of z is close to:

Ans
- ✗ A. 0.91
- ✗ B. 1.89
- ✗ C. 1.75
- ✓ D. 0.23

Q.35 The difference between the compound interest and simple interest on a certain sum at 8% per annum for 1½ years, compounded half-yearly, is ₹36. What is the principal amount? (Rounded off to the nearest integer.)

Ans
- ✗ A. ₹7,201
- ✗ B. ₹7,404
- ✗ C. ₹7,411
- ✓ D. ₹7,401

Q.36 Simplify: $(3a + 2b)^2 + (3a - 2b)^2 - 2(9a^2 + 4b^2)$

Ans
- ✗ A. −1
- ✗ B. 2
- ✓ C. 0
- ✗ D. 1

Q.37 A closed metallic cylindrical box is 1.44 m high and its base radius is 56 cm. If the sheet metal costs ₹90 per m^2, then what is the cost of the material used in the box?

$(\text{Use } \pi = \frac{22}{7})$

Ans
- ✗ A. ₹483.4
- ✓ B. ₹633.6
- ✗ C. ₹738.4
- ✗ D. ₹855.5

Q.38 Consider an equilateral quadrilateral whose angle bisectors intersect at right angles. One side of the quadrilateral measures 10 cm, and one of its perpendicular diagonals is 12 cm. Find half of the area of the quadrilateral.

Ans
- ✗ A. 50 cm^2
- ✗ B. 96 cm^2
- ✓ C. 48 cm^2
- ✗ D. 52 cm^2

Q.39 In a circle, a diameter AB and a chord PQ (which is not a diameter) intersect perpendicularly at a point X. If AX : XB = 3 : 2 and the radius of the circle is 5 cm, then what is the length (in cm) of the chord PQ?

Ans
- ✗ A. $2\sqrt{6}$
- ✗ B. $5\sqrt{6}$
- ✓ C. $4\sqrt{6}$
- ✗ D. $3\sqrt{6}$

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Q.40 **Study the table and answer the question that follows.**

The following table shows the class interval and frequency of a certain distribution.

Class	0-20	20-40	40-60	60-80	80-100
Frequency	17	28	32	A	19

If the mean of the distribution is 50, then the value of A is:

Ans

✗ A. 29

✓ B. 24

✗ C. 30

✗ D. 20

Q.41 **The ratio of the present ages of A and B is 5 : 7. Ten years later, the ratio becomes 7 : 9. What is A's present age?**

Ans

✓ A. 25 years

✗ B. 35 years

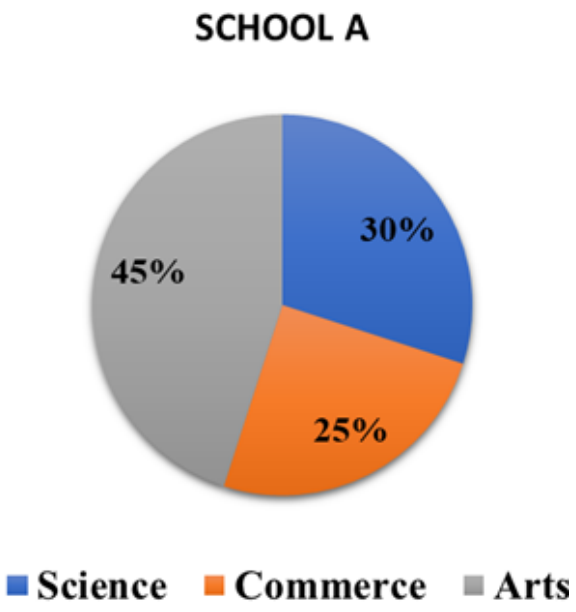
✗ C. 40 years

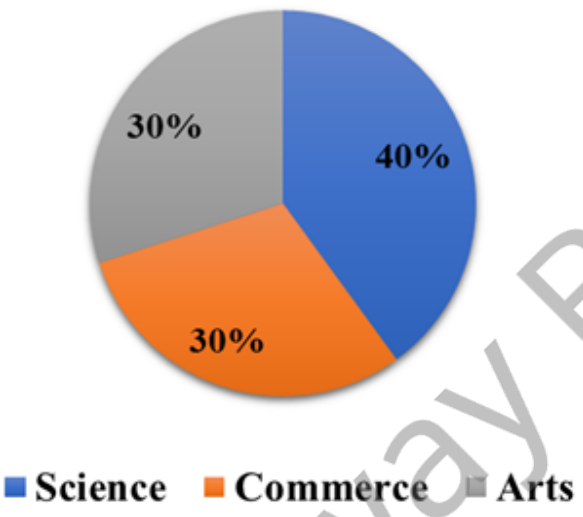
✗ D. 30 years

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Q.42 The given pie charts show the distribution of students in different streams in two schools, A and B. If school A has 1000 students and school B has 1200 students, what is the difference in the number of students in the science stream between the two schools?





Ans
- ✗ A. 100
- ✓ B. 180
- ✗ C. 200
- ✗ D. 150

Q.43 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 1 month.

Ans
- ✗ A. 23.75
- ✗ B. 3.75
- ✓ C. 45
- ✗ D. 7.50

Q.44 A sum of ₹60,000 is invested for 1 year at 4% per annum, compounded half yearly. What is the compound interest earned at the end of the year?

Ans
- ✗ A. ₹3,102
- ✓ B. ₹2,424
- ✗ C. ₹2,999
- ✗ D. ₹3,244

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Q.45 A wholesaler marked school uniforms at ₹1,200 each. He offered a 25% trade discount to a retailer. The retailer also received a scheme discount of 1 uniform free for every 5 purchased. Additionally, if the payment was made within 10 days, a cash discount of 8% on the billed amount (after trade discount) was offered. If the retailer received 72 uniforms in total and made the payment within 10 days, find the effective price per uniform in rupees.

Ans
- ✗ A. ₹672
- ✗ B. ₹668
- ✓ C. ₹690
- ✗ D. ₹700

Q.46 The angle of elevation of the top of a hill at the foot of a tower is 60° and the angle of depression from the top of the tower to the foot of the hill is 30°. If the tower is 96 m high, find the difference between the height of the hill and the height of the tower.

Ans
- ✗ A. 163 m
- ✓ B. 192 m
- ✗ C. 172 m
- ✗ D. 188 m

Q.47 Pipe A can fill a tank in 6 hours, pipe B can fill the same tank in 21 hours and pipe C can fill the same tank in 28 hours. The time taken (in hours) by them to fill one-fourth of the same tank if they operate together is:

Ans
- ✗ A. 4
- ✓ B. 1
- ✗ C. 3
- ✗ D. 2

Q.48 10 kg of rice at ₹22.50 per kg is mixed with 10 kg of rice at ₹37.50 per kg. What is the price per kg (in ₹) of the mixture?

Ans
- ✓ A. 30
- ✗ B. 22
- ✗ C. 25
- ✗ D. 28

Q.49 Kaushal travelled for 14 hours 10 minutes at the speed of 60 km/h. At what speed (in km/h) should he travel to cover the same distance in 17 hours?

Ans
- ✓ A. 50
- ✗ B. 52
- ✗ C. 51
- ✗ D. 53

Q.50 If $\frac{\sin^2\theta}{\tan^2\theta - \sin^2\theta} = \frac{1}{3}$, $0^\circ < \theta < 90^\circ$, then the value of $(\cot\theta + \operatorname{cosec}\theta)$ is:

Ans
- ✓ A. $\sqrt{3}$
- ✗ B. $3\sqrt{3}$
- ✗ C. $1 - \sqrt{3}$
- ✗ D. $2 + \sqrt{3}$

Section : **General Intelligence and Reasoning**

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Q.51 B, D, E, P, S, T and W are sitting around a circular table, facing the centre of the table. S sits third to the left of D. B sits second to the left of T. D is an immediate neighbor of both E and B. W is not an immediate neighbor of S.
How many people sit between P and B when counted from the right of P?

Ans
- ✔ A. Two
- ✘ B. One
- ✘ C. Four
- ✘ D. Three

Q.52 Which of the following options should come in place of the question mark (?) in the given series?

21 23 27 33 41 ?

Ans
- ✔ A. 51
- ✘ B. 50
- ✘ C. 48
- ✘ D. 53

Q.53 P, Q, R, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
Only two people live between U and Q. Only P lives above R. S lives on an even-numbered floor. U lives on the lowermost floor.
How many people live between T and P?

Ans
- ✘ A. Three
- ✘ B. One
- ✘ C. Four
- ✔ D. Two

Q.54 Each vowel in the word AWAKENED is changed to the letter immediately following it in the English alphabetical order AND each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
- ✔ A. B
- ✘ B. M
- ✘ C. C
- ✘ D. J

Q.55 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

90 - 5 + 120 × 4 ÷ 18 = ?

Ans
- ✘ A. 428
- ✘ B. 442
- ✔ C. 438
- ✘ D. 434

Q.56 W, X, Y, Z, M, and N are sitting around a circular table facing the center. Z sits to the immediate right of X. Only three people sit between N and W when counted from the right of W. Y sits second to the left of Z. M sits to the immediate right of N. Who sits to the immediate right of M?

Ans
- ✘ A. N
- ✘ B. X
- ✘ C. Y
- ✔ D. W

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Q.57 Each vowel in the word PRACTICE is changed to the letter immediately following it in the English alphabetical order, and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

Ans
- ✔ A. None of the letters appear exactly twice
- ✘ B. Q
- ✘ C. S
- ✘ D. H

Q.58 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A @ B means 'A is the wife of B' and
A % B means 'A is the father of B'.
Based on the above, how is S related to N if 'S − A + E @ R % N'?

Ans
- ✘ A. Father
- ✔ B. Brother
- ✘ C. Son
- ✘ D. Husband

Q.59 This question is based on the five, three-digit numbers given below.
(Left) 813 845 591 372 862 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.

What will be the resultant if the second digit of the second highest number is added to the third digit of the lowest number?

Ans
- ✘ A. 5
- ✘ B. 7
- ✔ C. 6
- ✘ D. 9

Q.60 Each of Laxmi, Mani, Ravi, Shivani, Navi, Anita and Pallavi has exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only three people have exams between Ravi and Shivani.
Only two people have exams between Laxmi and Mani.
Pallavi has exam immediately before Laxmi.
Shivani has exam before only two people.
Neither Mani nor Laxmi has exam on the last day of the week.
Navi does not have exam on any of the days before Anita.
Three of the following four options are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does NOT belong to that group?

Ans
- ✘ A. Ravi and Laxmi
- ✘ B. Laxmi and Shivani
- ✔ C. Anita and Ravi
- ✘ D. Pallavi and Anita

Q.61 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B' and
A @ B means 'A is the father of B'.

How is M related to K if 'M − E # W @ P % K'?

Ans
- ✘ A. Wife
- ✘ B. Daughter
- ✔ C. Brother's wife
- ✘ D. Brother's daughter

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Q.62 This question is based on the given words.

ICE MET JAW GUM

How many letters are there in the English alphabetical order between the first letter of the second word from the right and the second letter of the first word from the left?

Ans
- ✗ A. 7
- ✓ B. 6
- ✗ C. 9
- ✗ D. 5

Q.63 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. DFI
- ✗ B. SUX
- ✓ C. GIK
- ✗ D. NPS

Q.64 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✓ A. TBU
- ✗ B. NFX
- ✗ C. OGY
- ✗ D. SKC

Q.65 If 2 is subtracted from each odd digit and 2 is added to each even digit in the number 272465937257, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 7
- ✗ B. 9
- ✓ C. 8
- ✗ D. 6

Q.66 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.
(Left) T S W H M F K Z I N O A B Q S P J M L R C V E W O (Right)
How many letters are there, as per the English alphabetical order, between the letter that is sixth from the right end and the third from the left end of the given series?

Ans
- ✗ A. 2
- ✗ B. 5
- ✓ C. 4
- ✗ D. 3

Q.67 Refer to the following letter series and answer the question that follows. Counting to be done from left to right.

(Left) O V U I C G X I A U Y U S L M X U Q T I W I (Right)

How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans
- ✗ A. 5
- ✗ B. 2
- ✓ C. 3
- ✗ D. 4

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Q.68 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
SHIP - HISP - SHPI
ROAD - OARD - RODA

Ans
- ✗ A. MAKE - AMEK - KEMA
- ✗ B. NOTE - NETO - ETON
- ✓ C. PARK - ARPK - PAKR
- ✗ D. FILE - ELIF - ILEF

Q.69 In a certain code language, 'RAIL' is coded as '9653' and 'BAIL' is coded as '9316'. What is the code for 'B' in the given code language?

Ans
- ✗ A. 3
- ✓ B. 1
- ✗ C. 9
- ✗ D. 6

Q.70 Arvinda starts from point L and drives for 6 km towards south. He then takes a right turn and drives for 11 km, then he takes a right turn and drives for 3 km. He then takes a left turn and drives for 5 km. He finally takes a right turn and drives for 3 km to reach Point Z.
How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All the turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 10 km towards south
- ✗ B. 11 km towards west
- ✓ C. 16 km towards east
- ✗ D. 16 km towards north

Q.71 120 is related to 11 following a certain logic. Following the same logic, 255 is related to 16. To which of the following is 323 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✓ A. 18
- ✗ B. 19
- ✗ C. 14
- ✗ D. 28

Q.72 Each of the digits in the number 9357146 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✗ A. None
- ✓ B. One
- ✗ C. Three
- ✗ D. Two

Q.73 A question is followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the most appropriate answer.

Question: Among 5 trees, L, M, O, P and Q, each having a different height, which tree is the tallest?

Statements:
(I) O is taller than L but shorter than M.O is shorter than only one tree.
(II) L is taller than Q.

Ans
- ✗ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
- ✗ B. Both statements I and II together are not sufficient to answer the question.
- ✓ C. Data in Statement I alone is sufficient to answer the question, while data in statement II is not.
- ✗ D. Data in Statement II alone is sufficient to answer the question, while data in statement I is not.

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Q.74 **Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.**

Statements:
All hens are ducks.
All ducks are bananas.

Conclusions:
(I) Some bananas are ducks.
(II) All hens are bananas.

Ans
- ✗ A. Only conclusion (I) follows.
- ✓ B. Both conclusions (I) and (II) follow.
- ✗ C. Neither conclusion (I) nor (II) follows.
- ✗ D. Only conclusion (II) follows.

Q.75 **NX 15 is related to OU 6 in a certain way. In the same way, UO 13 is related to VL 4. To which of the following is ON 11 related, following the same logic?**

Ans
- ✗ A. OL 4
- ✗ B. PL 4
- ✓ C. PK 2
- ✗ D. OK 2

Q.76 **What should come in place of ? in the given series based on the English alphabetical order?**
BBX ECU HDR KEO ?

Ans
- ✗ A. MKI
- ✗ B. NMB
- ✓ C. NFL
- ✗ D. NHG

Q.77 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
: VAK :: OTD : %

Ans
- ✗ A. # = NRB , % = XCM
- ✗ B. # = MRB , % = YCM
- ✓ C. # = MRB , % = XCM
- ✗ D. # = MRB , % = XMC

Q.78 **Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)**
6 - 12 - 22 - 44;
7 - 14 - 24 - 48

Ans
- ✗ A. 5-10-22-44
- ✓ B. 11-22-32-64
- ✗ C. 9-18-28-38
- ✗ D. 8-16-26-36

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Q.79 Each of A, B, C, D, E, F, and G has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. B has an exam on Wednesday. Only one person has an exam between B and D. C has exam on the day immediately before D. Only two people have exams between C and F. E's exam is on one of the days before G but on one of the days after A. G does not have any exam on Sunday. Who has an exam on Monday?

Ans

✗ A. F

✗ B. C

✓ C. A

✗ D. G

Q.80 Refer to the following letter series and answer the question that follows. (Counting to be done from left to right only).

(Left) K I F R I Z O K U F U I I F U K Y X A B (Right)

How many such vowels are there each of which is immediately preceded by a vowel and also immediately followed by a vowel?

Ans

✓ A. One

✗ B. Two

✗ C. Three

✗ D. Zero

Section : General Awareness and Current Affairs

Q.81 What is the name of the initiative proposed in the Union Budget 2026–27 to strengthen India's ecosystem for the production of biologics and biosimilars?

Ans

✗ A. Pharma Vision 2030

✗ B. BioIndia Mission

✓ C. Biopharma SHAKTI

✗ D. National Biologics Development Scheme

Q.82 Which country hosted the 2026 Commonwealth Youth and Junior Weightlifting Championships conducted at the Tuanaimato Sports Complex in Apia during April–May 2026?

Ans

✗ A. Tonga

✗ B. Fiji

✗ C. Vanuatu

✓ D. Samoa

Q.83 In January 2026, the One Nation One Subscription (ONOS) initiative mainly aimed to improve access to which resource?

Ans

✗ A. Government land record databases

✗ B. Public sector employment portals

✓ C. International academic research journals

✗ D. National digital television channels

Q.84 The 'Saheli Pink Smart Card' scheme, launched by President Droupadi Murmu in March 2026 to strengthen women's welfare and social security, was introduced by the government of which Union Territory?

Ans

✗ A. Chandigarh

✗ B. Jammu and Kashmir

✓ C. National Capital Territory (NCT) of Delhi

✗ D. Puducherry

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Q.85 At the India AI Impact Summit 2026, Union Health Minister J. P. Nadda launched which two AI-based healthcare initiatives on February 17, 2026?

Ans

✗ A. AROGYA and SAKSHAM

✗ B. NIRAMAY and PRAGATI

✗ C. SEHAT and VIKAS

✓ D. SAHI and BODH

Q.86 In May 2026, India elevated its bilateral ties with Italy to a unique level previously only held with South Korea. What is this designation?

Ans

✗ A. Green Technology and Innovation Strategic Partnership

✗ B. Comprehensive Global Strategic Partnership

✗ C. Special and Privileged Strategic Partnership

✓ D. Special Strategic Partnership

Q.87 Which of these Indian institutes launched the Bharat Cancer Genome Atlas in February 2026 to create India's first comprehensive cancer genome database?

Ans

✗ A. Gujarat Cancer & Research Institute, Ahmedabad

✗ B. Indian Institute of Science, Bengaluru

✗ C. Apollo Proton Cancer Centre, Chennai

✓ D. Indian Institute of Technology, Madras

Q.88 Which Indian public sector bank announced the opening of its 10,000th branch in November 2025?

Ans

✗ A. HDFC Bank

✗ B. Axis Bank

✗ C. Indian Bank

✓ D. Canara Bank

Q.89 Who had become the fastest Indian sprinter in 2026 after clocking 10.09 seconds in the men's 100m final at the Federation Cup held in Ranchi, Jharkhand?

Ans

✗ A. Amlan Borgohain

✗ B. Manikanta Hoblidhar

✓ C. Gurindervir Singh

✗ D. Animesh Kujur

Q.90 Who authored the book "The Sage who Reimagined Hinduism: The Life, Lessons and Legacy of Sree Narayana Guru", released by Vice-President C. P. Radhakrishnan in New Delhi?

Ans

✗ A. Dr. Bibek Debroy

✗ B. Dr. S. Jaishankar

✗ C. Dr. Kiran Bedi

✓ D. Dr. Shashi Tharoor

Q.91 Which national organization launched the Central Prabhari Officer (CPO) Portal in May 2026 for improving real-time governance and last-mile delivery?

Ans

✗ A. National Statistical Office

✗ B. National Development Council

✓ C. NITI Aayog

✗ D. Competition Commission of India

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Q.92 In March 2026, Kuno National Park in Madhya Pradesh was in the news after the birth of five cheetah cubs increased India's total cheetah population to:

Ans
- ✗ A. 32
- ✗ B. 41
- ✗ C. 67
- ✓ D. 53

Q.93 Péter Magyar, who was sworn in as Prime Minister in May 2026 following the electoral victory of the Tisza Party, became the Prime Minister of which European country?

Ans
- ✗ A. Slovakia
- ✓ B. Hungary
- ✗ C. Poland
- ✗ D. Romania

Q.94 Who had taken oath as the Chief Minister of West Bengal on May 9, 2026 at the Brigade Parade Ground in Kolkata?

Ans
- ✗ A. Sukanta Majumdar
- ✓ B. Suvendu Adhikari
- ✗ C. Dilip Ghosh
- ✗ D. Mamata Banerjee

Q.95 In February 2026, which economic institution announced expanded guidelines for digital lending transparency?

Ans
- ✗ A. Securities and Exchange Board of India
- ✓ B. Reserve Bank of India
- ✗ C. Competition Commission of India
- ✗ D. Insurance Regulatory and Development Authority of India

Q.96 Under the Union Budget 2026–27, customs duty exemptions on specified imported medicines and drugs were announced mainly to provide relief to patients suffering from which of the following diseases?

Ans
- ✓ A. Cancer
- ✗ B. Tuberculosis
- ✗ C. Diabetes
- ✗ D. Dengue

Q.97 Which of the following flagship government initiatives does the 'Sundays on Cycle' campaign in February 2026 directly support, aiming to foster active community participation and healthy living?

Ans
- ✗ A. Khelo India Mission
- ✗ B. National Health Mission
- ✗ C. Rashtriya Khel Protsahan Puruskar
- ✓ D. Fit India Movement

Q.98 Which Ugandan long-distance runner broke the men's half marathon world record at the EDP Lisbon Half Marathon, a World Athletics Platinum Label road race held in Portugal in March 2026?

Ans
- ✗ A. Sabastian Sawe
- ✗ B. Rhonex Kipruto
- ✗ C. Yomif Kejelcha
- ✓ D. Jacob Kiplimo

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Q.99 **Which two countries had been officially identified by the World Health Organization and the Africa Centres for Disease Control and Prevention in May 2026 for the outbreak of Bundibugyo strain Ebola Virus Disease under the declarations of Public Health Emergency of International Concern and Public Health Emergency of Continental Security?**

Ans

✗ A. Kenya and Uganda

✗ B. Democratic Republic of the Congo and Rwanda

✓ C. Democratic Republic of the Congo and Uganda

✗ D. Uganda and Tanzania

Q.100 **The theme "Resourcing Viksit Bharat" was associated with which conference held in January 2026?**

Ans

✓ A. SKOCH Summit 2026

✗ B. Raisina Dialogue 2026

✗ C. Startup Mahakumbh 2026

✗ D. India Digital Summit 2026

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Registration Number	L92500591406
Roll Number	209254134442035
Candidate Name	GULSHAN KUMAR GUPTA
Community	OBC NCL
Test Center Name	Campus 2 AIIT Management College
Test Date	19/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025
Application Photograph	
Exam Day Photograph	

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Section : **General Science**

Q.1 Two machines lift the same load. Machine P requires an effort of 100 N, while Machine Q requires an effort of 50 N. Which machine has the greater mechanical advantage?

Ans

✗ A. Both machines are equally efficient

✓ B. Machine Q

✗ C. Cannot be determined

✗ D. Machine P

Question ID : **4410092046319**
Option 1 ID : **4410098057351**
Option 2 ID : **4410098057350**
Option 3 ID : **4410098057352**
Option 4 ID : **4410098057349**
Status : **Answered**
Chosen Option : **B**

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Q.2 The capability of a single mature plant cell to develop into a complete plant, as proposed by Haberlandt, is called _____.

Ans
✗ A. Contact inhibition
✗ B. Turgidity
✓ C. Totipotency
✗ D. Permeability

Question ID : **4410091970906**
Option 1 ID : **4410097762984**
Option 2 ID : **4410097762983**
Option 3 ID : **4410097762982**
Option 4 ID : **4410097762981**
Status : **Answered**
Chosen Option : **C**

Q.3 A real, inverted and diminished image of an object is formed by a convex lens. At which position is the object placed?

Ans
✗ A. Between the principal focus (F) and 2F
✗ B. At 2F
✓ C. Beyond 2F
✗ D. At the principal focus (F)

Question ID : **4410091232692**
Option 1 ID : **4410094864494**
Option 2 ID : **4410094864493**
Option 3 ID : **4410094864492**
Option 4 ID : **4410094864495**
Status : **Answered**
Chosen Option : **C**

Q.4 Which of the following statements is/are CORRECT?
Statement I: The maximum number of electrons in any shell is given by $2n^2$.
Statement II: The third shell (n=3) can hold up to 12 electrons.

Ans
✗ A. Both statements I and II are correct.
✗ B. Both statements I and II are incorrect.
✗ C. Only statement II is correct.
✓ D. Only statement I is correct.

Question ID : **4410092178627**
Option 1 ID : **4410098573295**
Option 2 ID : **4410098573296**
Option 3 ID : **4410098573298**
Option 4 ID : **4410098573297**
Status : **Answered**
Chosen Option : **D**

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Q.5 In the reaction $MnO_2 + 4HCl \rightarrow MnCl_2 + 2H_2O + Cl_2$, which substance is oxidized?

Ans
- ✗ A. $MnCl_2$
- ✗ B. MnO_2
- ✓ C. HCl
- ✗ D. H_2O

Question ID : **4410092178505**
Option 1 ID : **4410098572809**
Option 2 ID : **4410098572810**
Option 3 ID : **4410098572808**
Option 4 ID : **4410098572807**
Status : **Answered**
Chosen Option : **C**

Q.6 A student uses two wires of the same material and length but different thickness in the same circuit. Which statement best explains why the thicker wire causes a higher ammeter reading?

Ans
- ✓ A. The thicker wire has a larger area, resulting in lower resistance and higher current
- ✗ B. The thicker wire has more resistivity, resulting in higher current
- ✗ C. The thicker wire has a larger area, resulting in higher resistance and lower current
- ✗ D. The thicker wire has a different material, resulting in higher current

Question ID : **4410092045854**
Option 1 ID : **4410098055492**
Option 2 ID : **4410098055490**
Option 3 ID : **4410098055491**
Option 4 ID : **4410098055489**
Status : **Answered**
Chosen Option : **A**

Q.7 A climatologist analyzes why the Southern Hemisphere gyres rotate in a specific direction. Which factor primarily explains the rotation pattern of these ocean gyres?

Ans
- ✓ A. Earth's rotation deflects water movement
- ✗ B. Land mass distribution alters flow
- ✗ C. Temperature gradients push water
- ✗ D. Wind direction drives all rotation

Question ID : **4410091999844**
Option 1 ID : **4410097875886**
Option 2 ID : **4410097875885**
Option 3 ID : **4410097875887**
Option 4 ID : **4410097875888**
Status : **Answered**
Chosen Option : **C**

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Q.8 **A student adds salt to water until no more salt dissolves and some salt remains undissolved at the bottom. What does this indicate?**

Ans
- ✗ A. The solution formed is a colloidal solution
- ✗ B. Salt is completely insoluble in water
- ✗ C. Salt has very low solubility in water
- ✓ D. The solution formed is saturated salt solution

Question ID : **4410092178655**
Option 1 ID : **4410098573407**
Option 2 ID : **4410098573410**
Option 3 ID : **4410098573408**
Option 4 ID : **4410098573409**
Status : **Answered**
Chosen Option : **D**

Q.9 **Which process converts ethanol to ethene when ethanol is heated at 443 K with excess concentrated sulphuric acid?**

Ans
- ✗ A. Reduction of ethanol
- ✓ B. Dehydration of ethanol
- ✗ C. Hydrolysis of ethanol
- ✗ D. Oxidation of ethanol

Question ID : **4410092178786**
Option 1 ID : **4410098573934**
Option 2 ID : **4410098573932**
Option 3 ID : **4410098573933**
Option 4 ID : **4410098573931**
Status : **Answered**
Chosen Option : **B**

Q.10 **In a comparison between two soap solutions, one containing oil droplets and the other without, which is more likely to have well-developed micelles?**

Ans
- ✓ A. The solution containing oil droplets because hydrophobic cores trap oil.
- ✗ B. Neither solution because micelles cannot exist in aqueous solutions.
- ✗ C. Both solutions because micelles never interact with oily substances.
- ✗ D. The solution without oil because soap cannot form micelles with oil.

Question ID : **4410092178775**
Option 1 ID : **4410098573889**
Option 2 ID : **4410098573887**
Option 3 ID : **4410098573890**
Option 4 ID : **4410098573888**
Status : **Answered**
Chosen Option : **A**

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Q.11 Choose an INCORRECT statement in regard to food uptake by single celled organisms.

Ans

✗ A. Food is taken in through the process of endocytosis

✗ B. Paramecium uses cilia to move and capture food

✓ C. Amoeba has autotrophic mode of nutrition

✗ D. Amoeba takes in food by forming pseudopodia

Question ID : **4410091192927**
Option 1 ID : **4410094705618**
Option 2 ID : **4410094705616**
Option 3 ID : **4410094705617**
Option 4 ID : **4410094705615**
Status : **Answered**
Chosen Option : **C**

Q.12 Which material did Robert Hooke use to first discover "cells"?

Ans

✗ A. Onion peel

✓ B. Cork slice

✗ C. Human cheek

✗ D. Leaf surface

Question ID : **4410091965581**
Option 1 ID : **4410097742596**
Option 2 ID : **4410097742598**
Option 3 ID : **4410097742597**
Option 4 ID : **4410097742599**
Status : **Answered**
Chosen Option : **B**

Q.13 A student wants to make a bar magnet using a current-carrying solenoid. Which arrangement of the magnetic field lines will indicate that the solenoid is acting as a bar magnet?

Ans

✗ A. Field lines spiral around the solenoid from end to end

✗ B. Field lines form straight parallel lines outside the solenoid only

✗ C. Field lines curve randomly inside the solenoid

✓ D. Field lines emerge from one end and enter the other, forming closed loops outside

Question ID : **4410092045919**
Option 1 ID : **4410098055749**
Option 2 ID : **4410098055752**
Option 3 ID : **4410098055751**
Option 4 ID : **4410098055750**
Status : **Answered**
Chosen Option : **A**

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Q.14 In mammals, what is the primary advantage of having a four-chambered heart in relation to the transportation of blood in the lungs?

Ans

✗ A. Reduces blood pressure in the lungs

✗ B. Allows blood to flow only once through the heart

✓ C. Prevents mixing of oxygenated and deoxygenated blood

✗ D. It ensures only oxygenated blood enters the lung tissue

Question ID : **4410091785285**
Option 1 ID : **4410097040318**
Option 2 ID : **4410097040317**
Option 3 ID : **4410097040315**
Option 4 ID : **4410097040316**
Status : **Answered**
Chosen Option : **C**

Q.15 Aluminium reacts with oxygen. Which chemical formula represents the product of this reaction?

Ans

✓ A. Al_2O_3

✗ B. Al_3O_2

✗ C. Al_2O

✗ D. AlO_2

Question ID : **4410092178800**
Option 1 ID : **4410098573989**
Option 2 ID : **4410098573990**
Option 3 ID : **4410098573987**
Option 4 ID : **4410098573988**
Status : **Answered**
Chosen Option : **A**

Q.16 Which quantity is represented by the slope of a position-time graph for an object moving in a straight line?

Ans

✓ A. Linear velocity

✗ B. Force

✗ C. Acceleration

✗ D. Momentum

Question ID : **4410092046165**
Option 1 ID : **4410098056735**
Option 2 ID : **4410098056736**
Option 3 ID : **4410098056734**
Option 4 ID : **4410098056733**
Status : **Answered**
Chosen Option : **D**

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Q.17 Which of the following is a product formed at the cathode during the electrolysis of brine?

Ans

✔ A. Hydrogen gas

✘ B. Oxygen gas

✘ C. Chlorine gas

✘ D. Sodium metal

Question ID : **4410092178705**
Option 1 ID : **4410098573607**
Option 2 ID : **4410098573610**
Option 3 ID : **4410098573608**
Option 4 ID : **4410098573609**
Status : **Answered**
Chosen Option : **C**

Q.18 Which statement best describes the result when a sodium atom in the gaseous state loses one electron?

Ans

✘ A. The atom is converted into a neutron.

✘ B. The atom remains a neutral sodium atom.

✔ C. The atom becomes a sodium ion with a positive charge.

✘ D. The atom becomes a sodium ion with a negative charge.

Question ID : **4410092178628**
Option 1 ID : **4410098573302**
Option 2 ID : **4410098573299**
Option 3 ID : **4410098573300**
Option 4 ID : **4410098573301**
Status : **Answered**
Chosen Option : **C**

Q.19 What is the primary purpose of a simple machine?

Ans

✘ A. To create energy

✘ B. To reduce the total work done in a task

✔ C. To make work easier by changing the magnitude or direction of a force

✘ D. To increase the weight of an object

Question ID : **4410092046305**
Option 1 ID : **4410098057296**
Option 2 ID : **4410098057293**
Option 3 ID : **4410098057294**
Option 4 ID : **4410098057295**
Status : **Answered**
Chosen Option : **C**

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Q.20 A climate modeler wants to explain why polar regions have long periods of darkness and light during the year. Which factor is most responsible for this phenomenon?

Ans

✗ A. Atmospheric composition blocks sunlight at the poles

✗ B. Ocean currents change the amount of sunlight received

✗ C. Only latitude determines day length at the poles

✓ D. Earth's axial tilt and spherical shape affect sunlight distribution

Question ID : **4410091999237**
Option 1 ID : **4410097873457**
Option 2 ID : **4410097873459**
Option 3 ID : **4410097873460**
Option 4 ID : **4410097873458**
Status : **Answered**
Chosen Option : **D**

Q.21 Why do stars appear to twinkle when observed from the Earth?

Ans

✗ A. Due to absorption of light by atmospheric gases

✓ B. Due to refraction caused by varying air layers in the atmosphere

✗ C. Due to reflection of light from clouds

✗ D. Due to scattering of light by dust particles in the air

Question ID : **4410092046248**
Option 1 ID : **4410098057065**
Option 2 ID : **4410098057066**
Option 3 ID : **4410098057067**
Option 4 ID : **4410098057068**
Status : **Answered**
Chosen Option : **B**

Q.22 If the unit of force is newton, which combination of fundamental SI units makes up one newton?

Ans

✓ A. Kilogram meter per second squared

✗ B. Kilogram per meter per second

✗ C. Kilogram meter per second

✗ D. Meter per kilogram per second squared

Question ID : **4410092046132**
Option 1 ID : **4410098056602**
Option 2 ID : **4410098056601**
Option 3 ID : **4410098056603**
Option 4 ID : **4410098056604**
Status : **Answered**
Chosen Option : **A**

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Q.23 The primary harmful effect of UV radiation on humans, if not blocked by the ozone layer, is:

Ans
- ✗ A. anaemia
- ✗ B. asthma
- ✓ C. skin cancer
- ✗ D. hypertension

Question ID : **4410091205860**
Option 1 ID : **4410094756978**
Option 2 ID : **4410094756975**
Option 3 ID : **4410094756976**
Option 4 ID : **4410094756977**
Status : **Answered**
Chosen Option : **C**

Q.24 When a bell rings inside a jar and the air is slowly removed, what happens to the sound?

Ans
- ✗ A. The bell stops vibrating immediately as air is removed
- ✗ B. The pitch of the sound increases
- ✗ C. The sound becomes louder
- ✓ D. The sound becomes fainter as air is removed

Question ID : **4410092046004**
Option 1 ID : **4410098056090**
Option 2 ID : **4410098056091**
Option 3 ID : **4410098056089**
Option 4 ID : **4410098056092**
Status : **Answered**
Chosen Option : **A**

Q.25 What prevents blood from flowing backward inside the low-pressure veins of the human circulatory system?

Ans
- ✓ A. One-way valves
- ✗ B. High pumping force
- ✗ C. Microscopic capillaries
- ✗ D. Thick elastic walls

Question ID : **4410091989534**
Option 1 ID : **4410097835915**
Option 2 ID : **4410097835914**
Option 3 ID : **4410097835916**
Option 4 ID : **4410097835913**
Status : **Answered**
Chosen Option : **A**

Railway BABA

Section : **Mathematics**

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Q.26 An aircraft covered a distance of 1440 km from place A to place B in

for 10 minutes and 20 minutes, respectively. What is the average spee

Ans
✔ A. 144 km/hr
✘ B. 154 km/hr
✘ C. 140 km/hr
✘ D. 148 km/hr

Question ID : **441009948215**
Option 1 ID : **4410093746370**
Option 2 ID : **4410093746372**
Option 3 ID : **4410093746369**
Option 4 ID : **4410093746371**
Status : **Answered**
Chosen Option : **A**

Q.27 Rajan spends 60% of his income on household expenses. From the remaining income, he saves 50%. If his savings are ₹8,000, what is his total income?

Ans
✘ A. ₹32,000
✘ B. ₹35,000
✔ C. ₹40,000
✘ D. ₹45,000

Question ID : **4410091736387**
Option 1 ID : **4410096847524**
Option 2 ID : **4410096847525**
Option 3 ID : **4410096847526**
Option 4 ID : **4410096847527**
Status : **Answered**
Chosen Option : **C**

Q.28 The following table shows the distribution of marks obtained by students in a test: Find the arithmetic mean of the marks using the direct method.

Marks(x)	10	15	20	25	30
Number of students	3	7	12	6	2

Ans
✘ A. 23.5
✘ B. 13.5
✘ C. 18.5
✔ D. 19.5

Question ID : **4410091715896**
Option 1 ID : **4410096767424**
Option 2 ID : **4410096767422**
Option 3 ID : **4410096767421**
Option 4 ID : **4410096767423**
Status : **Answered**
Chosen Option : **D**

Railway BABA

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Q.29 If a sum of ₹2,70,000 is invested for a year at 10% per annum compounded half-yearly, then find the compound interest.

Ans
✗ A. ₹27,625
✓ B. ₹27,675
✗ C. ₹25,825
✗ D. ₹27,850

Question ID : **441009573469**
Option 1 ID : **4410092248998**
Option 2 ID : **4410092248996**
Option 3 ID : **4410092248997**
Option 4 ID : **4410092248999**
Status : **Answered**
Chosen Option : **B**

Q.30 A cuboid has its three edges in arithmetic progression and its volume is 384 cm^3. If the smallest edge measures 4 cm, find the length of the largest edge.

Ans
✗ A. 14 cm
✓ B. 12 cm
✗ C. 32 cm
✗ D. 17 cm

Question ID : **4410091716524**
Option 1 ID : **4410096769902**
Option 2 ID : **4410096769899**
Option 3 ID : **4410096769901**
Option 4 ID : **4410096769900**
Status : **Answered**
Chosen Option : **B**

Q.31 The number 1408 is divisible by which of the following numbers?

Ans
✗ A. 24
✓ B. 22
✗ C. 13
✗ D. 21

Question ID : **441009911154**
Option 1 ID : **4410093598870**
Option 2 ID : **4410093598867**
Option 3 ID : **4410093598869**
Option 4 ID : **4410093598868**
Status : **Answered**
Chosen Option : **B**

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Q.32 The salaries of P, Q, and R are in the ratio 3 : 4 : 5. Their salaries are increased by 5%, 10%, and 15%, respectively. Find the new ratio of their salaries after the increases.

Ans
✗ A. 63 : 84 : 115
✗ B. 63 : 78 : 115
✗ C. 53 : 88 : 105
✓ D. 63 : 88 : 115

Question ID : **4410091968149**
Option 1 ID : **4410097753008**
Option 2 ID : **4410097753006**
Option 3 ID : **4410097753007**
Option 4 ID : **4410097753005**
Status : **Answered**
Chosen Option : **D**

Q.33 Sachin's monthly salary is ₹15,000. He spends ₹5,500 on house rent and ₹2,000 on utility bills, and saves the remaining amount each month. If, during his birthday month, he spends his entire monthly savings on his birthday celebration, find his total savings (in ₹) for the year.

Ans
✗ A. 67,500
✗ B. 90,000
✓ C. 82,500
✗ D. 75,000

Question ID : **441009853891**
Option 1 ID : **4410093368539**
Option 2 ID : **4410093368537**
Option 3 ID : **4410093368536**
Option 4 ID : **4410093368538**
Status : **Answered**
Chosen Option : **C**

Q.34 A vendor buys 41 laptop bags for ₹21,115 and sells them at 26 for ₹13,520. How many laptop bags should be bought and sold, at this rate, to earn a total profit of ₹8,845?

Ans
✓ A. 1769
✗ B. 1760
✗ C. 1745
✗ D. 1757

Question ID : **441009565999**
Option 1 ID : **4410092219116**
Option 2 ID : **4410092219117**
Option 3 ID : **4410092219118**
Option 4 ID : **4410092219119**
Status : **Answered**
Chosen Option : **A**

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Q.35 If $\text{cosec}\ \theta + \cot\ \theta = p$, $p > 1$, then find the value of $\frac{\sec\ \theta + 1}{\sec\ \theta - 1}$.

Ans
- ✔ A. p^2
- ✘ B. $2p$
- ✘ C. $p^2 + 1$
- ✘ D. $p^2 - 1$

Question ID : **441009591757**
Option 1 ID : **4410092322148**
Option 2 ID : **4410092322147**
Option 3 ID : **4410092322146**
Option 4 ID : **4410092322145**
Status : **Not Answered**
Chosen Option : **--**

Q.36 Car M takes 7 hours to travel from point A to point B. It would have taken 8 hours if it had travelled the same distance at a speed 23.8 km/hr less than its original speed. What is the distance between points A and B?

Ans
- ✔ A. 1332.8 km
- ✘ B. 1333.9 km
- ✘ C. 1330.2 km
- ✘ D. 1331.5 km

Question ID : **441009334984**
Option 1 ID : **4410091305892**
Option 2 ID : **4410091305893**
Option 3 ID : **4410091305890**
Option 4 ID : **4410091305891**
Status : **Answered**
Chosen Option : **A**

Q.37 Simplify:

$$\frac{(a^3 b^{-2})^2 (a^{-1} b^5)^3}{a^4 b^{-1}}$$

Ans
- ✘ A. $\frac{a}{b^9}$
- ✔ B. $\frac{b^{12}}{a}$
- ✘ C. $\frac{a^2}{b^6}$
- ✘ D. $\frac{b^8}{a^3}$

Question ID : **4410091304540**
Option 1 ID : **4410095150495**
Option 2 ID : **4410095150493**
Option 3 ID : **4410095150494**
Option 4 ID : **4410095150492**
Status : **Answered**
Chosen Option : **B**

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Q.38 The perimeter of a square is 564 m. Its area (in m^2) is:

Ans
✗ A. 19892
✗ B. 19880
✗ C. 19841
✓ D. 19881

Question ID : **441009602452**
Option 1 ID : **4410092364927**
Option 2 ID : **4410092364928**
Option 3 ID : **4410092364926**
Option 4 ID : **4410092364925**
Status : **Not Answered**
Chosen Option : **--**

Q.39 If the ratio of the angles of a quadrilateral is 2 : 7 : 2 : 7, then it is a:

Ans
✓ A. parallelogram
✗ B. rectangle
✗ C. square
✗ D. trapezium

Question ID : **441009314284**
Option 1 ID : **4410091223611**
Option 2 ID : **4410091223613**
Option 3 ID : **4410091223612**
Option 4 ID : **4410091223610**
Status : **Answered**
Chosen Option : **A**

Q.40 Two banks, A and B, offered loans at 3.5% and 8.5% per annum, respectively. Shivam borrowed an amount of ₹2,40,000 from each bank. Find the positive difference between the amounts (in ₹) of simple interest paid to the two banks by Shivam after 4 years.

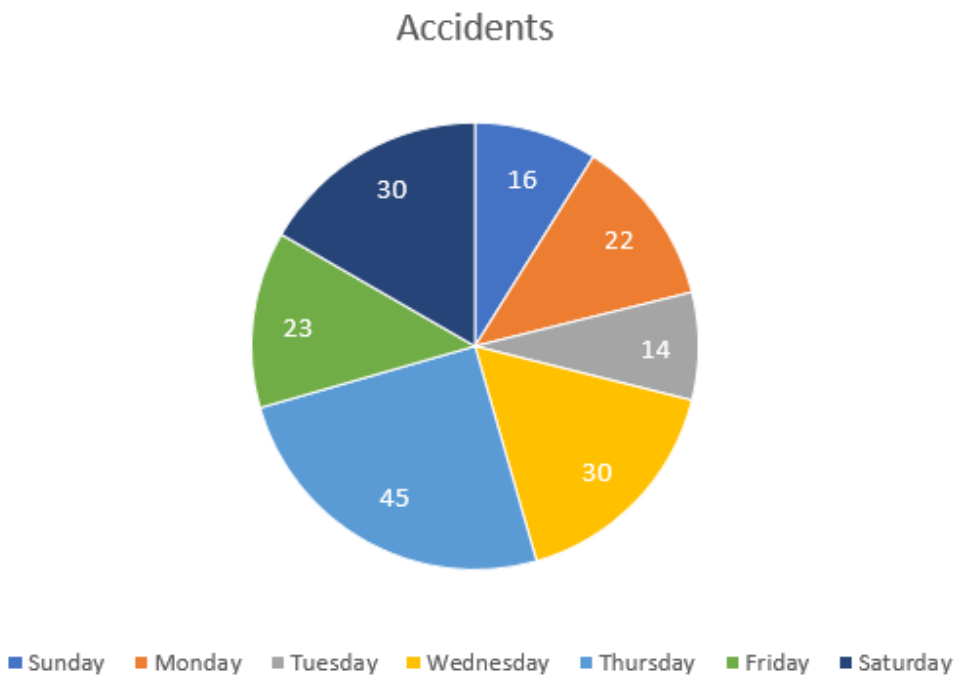
Ans
✓ A. 48,000
✗ B. 47,500
✗ C. 49,500
✗ D. 49,000

Question ID : **441009570132**
Option 1 ID : **4410092235648**
Option 2 ID : **4410092235650**
Option 3 ID : **4410092235651**
Option 4 ID : **4410092235649**
Status : **Answered**
Chosen Option : **D**

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Q.41 Study the data of the number of accidents on different days of a week in the given pie chart and answer the question below it.



If the data of Thursday is dropped and rest of the data is plotted on a pie chart, then what is the difference in angles (in degrees) made at the centre by Wednesday earlier and now?

Ans

✔ A. 20

✘ B. 45

✘ C. 30

✘ D. 25

Question ID : **441009295979**
Option 1 ID : **4410091151074**
Option 2 ID : **4410091151071**
Option 3 ID : **4410091151072**
Option 4 ID : **4410091151073**
Status : **Answered**
Chosen Option : **C**

Q.42 A can do a task in 24 days, while B can do the same task in 16 days. A begins the task and works for 6 days before B joins him. After that, they work together to complete the remaining job. In how many days is the task completed?

Ans

✘ A. 15 days

✔ B. 13.2 days

✘ C. 16.2 days

✘ D. 14.5 days

Question ID : **441009334021**
Option 1 ID : **4410091302030**
Option 2 ID : **4410091302029**
Option 3 ID : **4410091302031**
Option 4 ID : **4410091302032**
Status : **Answered**
Chosen Option : **B**

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Q.43 In a group of 10 students, the mean of the lowest 9 scores is 46 while the mean of the highest 9 scores is 50. For the entire group of 10 students, the maximum possible mean exceeds the minimum possible mean by:

Ans
✗ A. 3.6
✗ B. 4.3
✓ C. 3.2
✗ D. 3.4

Question ID : **441009543812**
Option 1 ID : **4410092130646**
Option 2 ID : **4410092130644**
Option 3 ID : **4410092130645**
Option 4 ID : **4410092130647**
Status : **Answered**
Chosen Option : **A**

Q.44 If three times the mother's present age is 24 years more than eight times her daughter's age, and three times the daughter's age is 3 years less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

Ans
✗ A. 35
✓ B. 33
✗ C. 36
✗ D. 28

Question ID : **4410091219241**
Option 1 ID : **4410094810388**
Option 2 ID : **4410094810387**
Option 3 ID : **4410094810390**
Option 4 ID : **4410094810389**
Status : **Answered**
Chosen Option : **D**

Q.45 A shopkeer gains ₹56 on a toy after allowing 23% discount on its ma

Ans
✗ A. ₹805
✓ B. ₹800
✗ C. ₹870
✗ D. ₹770

Question ID : **4410099455**
Option 1 ID : **44100937618**
Option 2 ID : **44100937617**
Option 3 ID : **44100937615**
Option 4 ID : **44100937616**
Status : **Answered**
Chosen Option : **B**

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Q.46 The average weight of 12 children increases by 1.5 kg when a new child comes in place of one child who weighed 42 kg. What might be the weight of the new child?

Ans
✗ A. 61 kg
✗ B. 62 kg
✓ C. 60 kg
✗ D. 59 kg

Question ID : **4410091727865**
Option 1 ID : **4410096814051**
Option 2 ID : **4410096814052**
Option 3 ID : **4410096814053**
Option 4 ID : **4410096814054**
Status : **Answered**
Chosen Option : **C**

Q.47 Ram purchases 8 pens for ₹240 and 6 pencils for ₹54. How much money does he need to buy 1 pen and 3 pencils?

Ans
✓ A. ₹57
✗ B. ₹78
✗ C. ₹48
✗ D. ₹69

Question ID : **4410091073194**
Option 1 ID : **4410094230225**
Option 2 ID : **4410094230227**
Option 3 ID : **4410094230224**
Option 4 ID : **4410094230226**
Status : **Answered**
Chosen Option : **A**

Q.48 Evaluate: $\frac{1+\sin\theta}{\cos\theta}+\frac{\cos\theta}{1+\sin\theta}$.

Ans
✗ A. $2\sin\theta$
✗ B. $2\cos\theta$
✗ C. $2\operatorname{cosec}\theta$
✓ D. $2\sec\theta$

Question ID : **441009602845**
Option 1 ID : **4410092366499**
Option 2 ID : **4410092366497**
Option 3 ID : **4410092366500**
Option 4 ID : **4410092366498**
Status : **Not Answered**
Chosen Option : **--**

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Q.49 A certain sum amounts to ₹1,08,864 at the rate of 40% per annum in two years, with interest compounded half-yearly. What will be the amount payable (in ₹) on the same sum at the same rate and for the same time, if the interest is compounded annually?

Ans
✗ A. 1,07,300
✓ B. 1,02,900
✗ C. 1,08,200
✗ D. 1,07,600

Question ID : **441009573564**
Option 1 ID : **4410092249379**
Option 2 ID : **4410092249376**
Option 3 ID : **4410092249378**
Option 4 ID : **4410092249377**
Status : **Answered**
Chosen Option : **A**

Q.50 What is the correct ascending order of the following ratios: 12:13, 25:26, 2:3, 5:6?

Ans
✗ A. 5:6, 2:3, 12:13, 25:26
✗ B. 2:3, 12:13, 5:6, 25:26
✗ C. 2:3, 5:6, 25:26, 12:13
✓ D. 2:3, 5:6, 12:13, 25:26

Question ID : **4410091900739**
Option 1 ID : **4410097488301**
Option 2 ID : **4410097488303**
Option 3 ID : **4410097488302**
Option 4 ID : **4410097488300**
Status : **Answered**
Chosen Option : **D**

Section : **General Intelligence and Reasoning**

Q.51 This question is based on the six, three-digit numbers given below:
(Left) 420 529 126 780 288 103 (Right)
(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position of how many numbers will remain unchanged?

Ans
✓ A. 2
✗ B. 1
✗ C. 3
✗ D. 4

Question ID : **4410091785114**
Option 1 ID : **4410097039648**
Option 2 ID : **4410097039647**
Option 3 ID : **4410097039649**
Option 4 ID : **4410097039650**
Status : **Answered**
Chosen Option : **A**

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Q.52 If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 433535454976, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

Ans
✗ A. 6
✗ B. 7
✓ C. 8
✗ D. 5

Question ID : **441009851141**
Option 1 ID : **4410093357535**
Option 2 ID : **4410093357536**
Option 3 ID : **4410093357537**
Option 4 ID : **4410093357534**
Status : **Answered**
Chosen Option : **C**

Q.53 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number **6352814**, which of the following digits will be third from the right in the new number thus formed?

Ans
✗ A. 2
✗ B. 0
✗ C. 4
✓ D. 6

Question ID : **4410092368316**
Option 1 ID : **4410099314062**
Option 2 ID : **4410099314063**
Option 3 ID : **4410099314061**
Option 4 ID : **4410099314060**
Status : **Answered**
Chosen Option : **D**

Q.54 In a certain code language, 'SCAM' is coded as '7532' and 'SACK' is coded as '5742'. What is the code for 'K' in the given code language?

Ans
✓ A. 4
✗ B. 5
✗ C. 7
✗ D. 2

Question ID : **441009811224**
Option 1 ID : **4410093199019**
Option 2 ID : **4410093199021**
Option 3 ID : **4410093199022**
Option 4 ID : **4410093199020**
Status : **Answered**
Chosen Option : **A**

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Q.55 Refer to the following letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers.

(Left) K € £ E 9 3 T @ 8 M % 7 C A # 5 2 R A $ G I (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the left?

Ans
✗ A. T
✗ B. C
✓ C. 8
✗ D. M

Question ID : **441009515381**
Option 1 ID : **4410092016855**
Option 2 ID : **4410092016856**
Option 3 ID : **4410092016854**
Option 4 ID : **4410092016857**
Status : **Answered**
Chosen Option : **C**

Q.56 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
✗ A. TAH
✗ B. ELS
✗ C. CJQ
✓ D. DKQ

Question ID : **4410091814961**
Option 1 ID : **4410097155350**
Option 2 ID : **4410097155348**
Option 3 ID : **4410097155349**
Option 4 ID : **4410097155351**
Status : **Answered**
Chosen Option : **D**

Q.57 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements: Some bats are dogs. No dog is a can.

Conclusion (I): Some bats are cans.
Conclusion (II): Some dogs are bats.

Ans
✗ A. Neither conclusion (I) nor (II) follows
✗ B. Only conclusion (I) follows
✗ C. Both conclusions (I) and (II) follow
✓ D. Only conclusion (II) follows

Question ID : **441009890536**
Option 1 ID : **4410093516130**
Option 2 ID : **4410093516128**
Option 3 ID : **4410093516131**
Option 4 ID : **4410093516129**
Status : **Answered**
Chosen Option : **D**

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Q.58 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
V has an exam on Tuesday. Exactly 3 people have an exam between V and R. P has an exam immediately before T and Q has an exam immediately after T. Only 1 person has an exam between P and S.
How many people have an exam between R and T?

Ans
✗ A. 2
✗ B. 3
✗ C. 4
✓ D. 1

Question ID : **441009839636**
Option 1 ID : **4410093311613**
Option 2 ID : **4410093311614**
Option 3 ID : **4410093311615**
Option 4 ID : **4410093311612**
Status : **Answered**
Chosen Option : **D**

Q.59 Each letter in the word COWGIRL is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is second from the right in the new letter cluster thus formed?

Ans
✗ A. Seven
✓ B. Eight
✗ C. Nine
✗ D. Eleven

Question ID : **4410091813072**
Option 1 ID : **4410097147960**
Option 2 ID : **4410097147958**
Option 3 ID : **4410097147961**
Option 4 ID : **4410097147959**
Status : **Answered**
Chosen Option : **B**

Q.60 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
EHY : HGU
JEO : MDK

Ans
✓ A. NQV : QPR
✗ B. IBR : LAM
✗ C. PGZ : SFU
✗ D. DIV : GGR

Question ID : **441009540**
Option 1 ID : **4410092147**
Option 2 ID : **4410092149**
Option 3 ID : **4410092146**
Option 4 ID : **4410092148**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.61 35 is related to 11 following a certain logic. Following the same logic, 47 is related to 15. To which of the following is 23 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✔ A. 7
✘ B. 5
✘ C. 12
✘ D. 15

Question ID : **441009587331**
Option 1 ID : **4410092304450**
Option 2 ID : **4410092304452**
Option 3 ID : **4410092304451**
Option 4 ID : **4410092304453**
Status : **Answered**
Chosen Option : **A**

Q.62 Eight friends Akash, Drishti, Kanika, Kajal, Charu, Ravi, Shivi and Pari are sitting around a circular table, facing the centre. Akash sits second to the left Kanika. Kanika sits third to the right of Kajal. Pari is an immediate neighbour of Charu and Kanika. Drishti sits second to the right of Pari. Ravi is not an immediate neighbour of Drishti. How many people sit between Shivi and Ravi when counted from the left of Ravi?

Ans
✔ A. Two
✘ B. Three
✘ C. Four
✘ D. One

Question ID : **441009777096**
Option 1 ID : **4410093062389**
Option 2 ID : **4410093062388**
Option 3 ID : **4410093062387**
Option 4 ID : **4410093062390**
Status : **Answered**
Chosen Option : **A**

Q.63 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
T has an exam on Tuesday. Exactly 2 people have an exam between T and V. P has an exam immediately before S and R has an exam immediately after Q. Only 1 person has an exam between S and Q.
Who has an exam on Sunday?

Ans
✔ A. R
✘ B. U
✘ C. V
✘ D. S

Question ID : **441009839631**
Option 1 ID : **4410093311592**
Option 2 ID : **4410093311593**
Option 3 ID : **4410093311595**
Option 4 ID : **4410093311594**
Status : **Answered**
Chosen Option : **A**

Railway BABA

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Q.64 **A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only three people sit between A and D, when counted from the left of A. Only three people sit between G and E, when counted from the right of E. C sits to the immediate right of G. F is an immediate neighbour of E as well as D. How many people sit between B and C, when counted from the right of B?**

Ans
✗ A. 4
✗ B. 2
✗ C. 3
✓ D. 1

Question ID : **441009838634**
Option 1 ID : **4410093307607**
Option 2 ID : **4410093307605**
Option 3 ID : **4410093307606**
Option 4 ID : **4410093307604**
Status : **Answered**
Chosen Option : **D**

Q.65 Which of the following options should come in place of the question mark (?) in the given series?

19 21 26 36 53 ?

Ans
✗ A. 78
✓ B. 79
✗ C. 84
✗ D. 75

Question ID : **441009292178**
Option 1 ID : **4410091135588**
Option 2 ID : **4410091135587**
Option 3 ID : **4410091135589**
Option 4 ID : **4410091135586**
Status : **Answered**
Chosen Option : **B**

Q.66 **If '+' means '−', '−' means '×', '×' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?**

30 − 5 ÷ 15 + 24 × 6 = ?

Ans
✗ A. 198
✗ B. 10
✗ C. 1
✓ D. 161

Question ID : **4410092368317**
Option 1 ID : **4410099314065**
Option 2 ID : **4410099314067**
Option 3 ID : **4410099314064**
Option 4 ID : **4410099314066**
Status : **Answered**
Chosen Option : **D**

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Q.67 This question is based on the following words.

(LEFT) JAR DEW ARM LAG (RIGHT)

How many letters are there between the first letter of the first word from the right and the second letter of the second word from the left as per the English alphabetical order?

Ans
- ✔ A. 6
- ✘ B. 7
- ✘ C. 4
- ✘ D. 5

Question ID : **4410091784264**
Option 1 ID : **4410097036233**
Option 2 ID : **4410097036234**
Option 3 ID : **4410097036231**
Option 4 ID : **4410097036232**
Status : **Answered**
Chosen Option : **A**

Q.68 Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans
- ✔ A. PKH
- ✘ B. XVT
- ✘ C. TRP
- ✘ D. PNL

Question ID : **4410091801380**
Option 1 ID : **4410097102514**
Option 2 ID : **4410097102513**
Option 3 ID : **4410097102511**
Option 4 ID : **4410097102512**
Status : **Answered**
Chosen Option : **A**

Q.69 TVYC is related to EGJN in a certain way based on the English alphabetical order. In the same way, UWZD is related to FHKO. To which of the following is ACFJ related, following the same logic?

Ans
- ✘ A. LOPW
- ✘ B. LMPU
- ✘ C. LNPU
- ✔ D. LNQU

Question ID : **441009764534**
Option 1 ID : **4410093012130**
Option 2 ID : **4410093012131**
Option 3 ID : **4410093012132**
Option 4 ID : **4410093012129**
Status : **Answered**
Chosen Option : **D**

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Q.70 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) G Y # B D W & L % J R U * T @ W A Z Q $ V N K S (Right)

How many such letters are there each of which is immediately preceded by a symbol and also immediately followed by another symbol?

Ans
✗ A. One
✗ B. Three
✗ C. Four
✓ D. Two

Question ID : **4410091292546**
Option 1 ID : **4410095102276**
Option 2 ID : **4410095102278**
Option 3 ID : **4410095102279**
Option 4 ID : **4410095102277**
Status : **Answered**
Chosen Option : **D**

Q.71 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some chairs are tables. All tables are wood.

Conclusion (I): Some wood are chairs.
Conclusion (II): No wood is a chair.

Ans
✗ A. Only conclusion (II) follows
✗ B. Neither conclusion (I) nor (II) follows
✓ C. Only conclusion (I) follows
✗ D. Both conclusions (I) and (II) follow

Question ID : **4410091711581**
Option 1 ID : **4410096750569**
Option 2 ID : **4410096750570**
Option 3 ID : **4410096750568**
Option 4 ID : **4410096750571**
Status : **Answered**
Chosen Option : **C**

Q.72 The position(s) of how many letters will remain unchanged if each letter in the word MIXABLE is arranged in the English alphabetical order?

Ans
✗ A. Two
✗ B. One
✗ C. Three
✓ D. None

Question ID : **4410091814384**
Option 1 ID : **4410097153180**
Option 2 ID : **4410097153179**
Option 3 ID : **4410097153181**
Option 4 ID : **4410097153178**
Status : **Answered**
Chosen Option : **D**

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Q.73 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A @ B means 'A is the wife of B' and
A % B means 'A is the father of B'.
Based on the above, how is S related to N if 'S + A – E @ R % N'?

Ans
✗ A. Brother
✓ B. Mother's brother's son
✗ C. Mother's brother
✗ D. Father

Question ID : **441009322003**
Option 1 ID : **4410091254206**
Option 2 ID : **4410091254203**
Option 3 ID : **4410091254204**
Option 4 ID : **4410091254205**
Status : **Answered**
Chosen Option : **B**

Q.74 What should come in place of ? in the given series based on the English alphabetical order?
VKR ANW FQB KTG ?

Ans
✗ A. QVL
✓ B. PWL
✗ C. QWM
✗ D. OXK

Question ID : **4410092411590**
Option 1 ID : **4410099484365**
Option 2 ID : **4410099484367**
Option 3 ID : **4410099484368**
Option 4 ID : **4410099484366**
Status : **Answered**
Chosen Option : **B**

Q.75 8 is related to 510 following a certain logic. Following the same logic, 9 is related to 727. To which of the following is 10 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.).

Ans
✗ A. 963
✓ B. 998
✗ C. 990
✗ D. 972

Question ID : **4410092368326**
Option 1 ID : **4410099314102**
Option 2 ID : **4410099314100**
Option 3 ID : **4410099314103**
Option 4 ID : **4410099314101**
Status : **Answered**
Chosen Option : **B**

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Q.76 In a certain code language, ‘CODE’ is coded as ‘8367’ and ‘DECK’ is coded as ‘0736’.
What is the code for ‘K’ in the given code language?

Ans
✗ A. 8
✓ B. 0
✗ C. 7
✗ D. 3

Question ID : **4410091607708**
Option 1 ID : **4410096349797**
Option 2 ID : **4410096349796**
Option 3 ID : **4410096349798**
Option 4 ID : **4410096349799**
Status : **Answered**
Chosen Option : **B**

Q.77 In a certain code language,
A+ B means ‘A is the son of B’
A – B means ‘A is the brother of B’
A # B means ‘A is the wife of B’
A % B means ‘ A is the father of B’
Based on the above, how is D related to K if 'D%R-T+K'?

Ans
✗ A. Son
✓ B. Husband
✗ C. Brother
✗ D. Father

Question ID : **4410091210907**
Option 1 ID : **4410094777124**
Option 2 ID : **4410094777125**
Option 3 ID : **4410094777123**
Option 4 ID : **4410094777122**
Status : **Answered**
Chosen Option : **B**

Q.78 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
R has an exam on Friday. Exactly 3 people have an exam between U and P, none of whom has on exam on Sunday. Q has an exam immediately after T. V has an exam immediately before P.
How many people have an exam between P and S?

Ans
✗ A. 3
✗ B. 2
✗ C. 1
✓ D. 4

Question ID : **441009839633**
Option 1 ID : **4410093311602**
Option 2 ID : **4410093311601**
Option 3 ID : **4410093311600**
Option 4 ID : **4410093311603**
Status : **Answered**
Chosen Option : **D**

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Q.79 Refer to the given number and symbol series and answer the question that follows. All numbers are single digit numbers.

(Left) 9 7 8 $ 2 ^ @ 5 & % 1 Ω 4 # 8 ! 3 6 * (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
✗ A. 5
✗ B. 1
✓ C. 2
✗ D. 8

Question ID : **441009818865**
Option 1 ID : **4410093229584**
Option 2 ID : **4410093229586**
Option 3 ID : **4410093229583**
Option 4 ID : **4410093229585**
Status : **Answered**
Chosen Option : **C**

Q.80 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: WRP :: JUG : %

Ans
✓ A. # = TOM , % = MXJ
✗ B. # = TON , % = NXJ
✗ C. # = TPM , % = MXH
✗ D. # = UOM , % = MZJ

Question ID : **441009757064**
Option 1 ID : **4410092982249**
Option 2 ID : **4410092982252**
Option 3 ID : **4410092982251**
Option 4 ID : **4410092982250**
Status : **Answered**
Chosen Option : **A**

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Section : **General Awareness and Current Affairs**

Q.81 Which of the following states became the overall champion at the Khelo India Beach Games 2026, held in the Union Territory of Diu, by winning the most bronze medals to break a three-way tie?

Ans
✗ A. Manipur
✗ B. Tamil Nadu
✓ C. Karnataka
✗ D. Madhya Pradesh

Question ID : **4410092008420**
Option 1 ID : **4410097908959**
Option 2 ID : **4410097908961**
Option 3 ID : **4410097908958**
Option 4 ID : **4410097908960**
Status : **Answered**
Chosen Option : **C**

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Q.82 Following confirmed tiger sightings after years of declining numbers, which state regained recognition for having a tiger presence in India's 2026 tiger estimation process?

Ans
✔ A. Gujarat
✘ B. Odisha
✘ C. Uttar Pradesh
✘ D. Maharashtra

Question ID : **4410092032407**
Option 1 ID : **4410098003192**
Option 2 ID : **4410098003195**
Option 3 ID : **4410098003193**
Option 4 ID : **4410098003194**
Status : **Not Answered**
Chosen Option : **--**

Q.83 What is the name of the scheme launched by the Government of India in June 2026 to develop 100 industrial parks with a ₹33,660 crore outlay?

Ans
✘ A. NAVYA
✘ B. BHARATAVYA
✘ C. BHANDAN
✔ D. BHAVYA

Question ID : **4410092095621**
Option 1 ID : **4410098250004**
Option 2 ID : **4410098250007**
Option 3 ID : **4410098250006**
Option 4 ID : **4410098250005**
Status : **Answered**
Chosen Option : **A**

Q.84 Which international agreement on carbon markets was activated between India and the Republic of Korea in April 2026?

Ans
✘ A. Green Climate Fund (GCF) Protocol
✘ B. Carbon Border Adjustment Mechanism (CBAM)
✘ C. Kyoto Protocol Flexibility Mechanisms
✔ D. Article 6.2 of the Paris Agreement

Question ID : **4410092032410**
Option 1 ID : **4410098003207**
Option 2 ID : **4410098003206**
Option 3 ID : **4410098003205**
Option 4 ID : **4410098003204**
Status : **Answered**
Chosen Option : **D**

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Q.85 Which of the following mobile applications was launched by the Ministry of Social Justice and Empowerment during the Chintan Shivir held in Chandigarh from 24–26 April 2026 to support digital survey-based rehabilitation monitoring and field-level implementation?

Ans

✗ A. PM-DAKSH Mobile Application

✗ B. Sugamya Bharat Mobile Application

✓ C. SMILE–Beggary Survey Mobile Application

✗ D. SITHA Mobile Application

Question ID : **4410091980131**
Option 1 ID : **4410097799340**
Option 2 ID : **4410097799339**
Option 3 ID : **4410097799338**
Option 4 ID : **4410097799337**
Status : **Answered**
Chosen Option : **C**

Q.86 Which of the following is a service-oriented digital platform launched by the Union Ministry of Health and Family Welfare in May 2026 during the National Summit on Innovation and Inclusivity to maintain longitudinal digital health records of women across the continuum of maternal and child healthcare?

Ans

✓ A. JANANI

✗ B. SUMAN

✗ C. LaQshya

✗ D. Sakhi

Question ID : **4410091979011**
Option 1 ID : **4410097794943**
Option 2 ID : **4410097794944**
Option 3 ID : **4410097794946**
Option 4 ID : **4410097794945**
Status : **Answered**
Chosen Option : **D**

Q.87 The Cell Broadcast System (CBS), launched in May 2026 to strengthen India's emergency communication system, was developed by which organisation?

Ans

✗ A. Bharat Sanchar Nigam Limited (BSNL)

✓ B. Centre for Development of Telematics (C-DOT)

✗ C. National Informatics Centre (NIC)

✗ D. Telecommunications Consultants India Limited (TCIL)

Question ID : **4410092169288**
Option 1 ID : **4410098537470**
Option 2 ID : **4410098537471**
Option 3 ID : **4410098537469**
Option 4 ID : **4410098537472**
Status : **Answered**
Chosen Option : **B**

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Q.88 Which of the following was the theme of World Teachers' Day celebrated on 5 October 2025?

Ans

✗ A. Inspiring the Next Generation of Learners

✓ B. Recasting teaching as a collaborative profession

✗ C. The transformation of education begins with teachers

✗ D. Valuing teacher voices: Towards a new social contract for education

Question ID : **4410092046566**
Option 1 ID : **4410098058292**
Option 2 ID : **4410098058291**
Option 3 ID : **4410098058294**
Option 4 ID : **4410098058293**
Status : **Answered**
Chosen Option : **D**

Q.89 Which Alpine skier won three gold medals (Downhill, Super-G, and Team Combined) at the Milano Cortina 2026 Winter Olympics?

Ans

✗ A. Marco Odermatt

✓ B. Franjo von Allmen

✗ C. Mikaela Shiffrin

✗ D. Lucas Pinheiro Braathen

Question ID : **4410092013373**
Option 1 ID : **4410097928099**
Option 2 ID : **4410097928101**
Option 3 ID : **4410097928100**
Option 4 ID : **4410097928102**
Status : **Not Answered**
Chosen Option : **--**

Q.90 According to the Union Budget 2026–27, the newly announced Khelo India Mission aims to transform India's sports sector over the next _____.

Ans

✗ A. 15 years

✓ B. 10 years

✗ C. 20 years

✗ D. 5 years

Question ID : **4410092169267**
Option 1 ID : **4410098537387**
Option 2 ID : **4410098537386**
Option 3 ID : **4410098537388**
Option 4 ID : **4410098537385**
Status : **Answered**
Chosen Option : **D**

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Q.91 In May 2026, the TARA glide weapon system was tested from which aircraft platform of the Indian Air Force?

Ans

✗ A. Rafale combat aircraft

✗ B. Mirage-2000 fighter aircraft

✓ C. Jaguar strike aircraft

✗ D. Tejas light aircraft

Question ID : **4410092008912**
Option 1 ID : **4410097910924**
Option 2 ID : **4410097910922**
Option 3 ID : **4410097910923**
Option 4 ID : **4410097910925**
Status : **Answered**
Chosen Option : **C**

Q.92 At the Asian Indoor Athletics Championships 2026 held in Tianjin, China, which Indian athlete won the gold medal in the men's heptathlon by setting a new national indoor record?

Ans

✓ A. Tejaswin Shankar

✗ B. Avinash Sable

✗ C. Jeswin Aldrin

✗ D. Eldhose Paul

Question ID : **4410091983371**
Option 1 ID : **4410097812169**
Option 2 ID : **4410097812171**
Option 3 ID : **4410097812172**
Option 4 ID : **4410097812170**
Status : **Answered**
Chosen Option : **A**

Q.93 When was GST Day 2026 celebrated in Hyderabad to mark nine years of implementation of the Goods and Services Tax (GST)?

Ans

✓ A. 1 July 2026

✗ B. 2 March 2026

✗ C. 22 January 2026

✗ D. 15 August 2026

Question ID : **4410092169317**
Option 1 ID : **4410098537591**
Option 2 ID : **4410098537590**
Option 3 ID : **4410098537592**
Option 4 ID : **4410098537589**
Status : **Answered**
Chosen Option : **A**

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Q.94 Which political party secured the highest number of seats in the West Bengal Assembly election in 2026?

Ans

✗ A. Indian National Congress

✓ B. Bharatiya Janata Party

✗ C. All India Trinamool Congress

✗ D. Communist Party of India (Marxist)

Question ID : **4410091785707**
Option 1 ID : **4410097041996**
Option 2 ID : **4410097041997**
Option 3 ID : **4410097041995**
Option 4 ID : **4410097041998**
Status : **Answered**
Chosen Option : **B**

Q.95 Where was the 14th Ministerial Conference (MC14) of the World Trade Organization hosted in March 2026?

Ans

✗ A. Addis Ababa, Ethiopia

✓ B. Yaoundé, Cameroon

✗ C. Nairobi, Kenya

✗ D. Abu Dhabi, UAE

Question ID : **4410091981369**
Option 1 ID : **4410097804295**
Option 2 ID : **4410097804294**
Option 3 ID : **4410097804292**
Option 4 ID : **4410097804293**
Status : **Answered**
Chosen Option : **B**

Q.96 During PM Modi's visit to Rome in May 2026, which spiritual leader informed him that Sanatana Dharma Samgha was recognized as an official religion by the Italian Parliament?

Ans

✗ A. Sadhguru Jaggi Vasudev

✗ B. Swami Vivekananda

✗ C. Mata Amritanandamayi

✓ D. Swamini Shuddhananda Ghiri

Question ID : **4410092046565**
Option 1 ID : **4410098058289**
Option 2 ID : **4410098058287**
Option 3 ID : **4410098058290**
Option 4 ID : **4410098058288**
Status : **Answered**
Chosen Option : **A**

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Q.97 Which organization has launched the 'Krishi Sakhi Initiative' in March 2026 to empower women farmers and promote inclusive growth?

Ans

✔ A. Agriculture Insurance Company of India Limited (AIC)

✘ B. United India Insurance Company Limited

✘ C. Export Credit Guarantee Corporation of India

✘ D. National Bank for Agriculture and Rural Development (NABARD)

Question ID : **4410092008794**
Option 1 ID : **4410097910450**
Option 2 ID : **4410097910453**
Option 3 ID : **4410097910452**
Option 4 ID : **4410097910451**
Status : **Answered**
Chosen Option : **D**

Q.98 Which Indian Constitution Amendment Bill introduced in Lok Sabha in April 2026 reverts to the principle of each state having seats in proportion to its population?

Ans

✘ A. The Constitution (141st Amendment bill)

✔ B. The Constitution (131st Amendment bill)

✘ C. The Constitution (121st Amendment bill)

✘ D. The Constitution (111th Amendment bill)

Question ID : **4410092095931**
Option 1 ID : **4410098251206**
Option 2 ID : **4410098251204**
Option 3 ID : **4410098251205**
Option 4 ID : **4410098251207**
Status : **Answered**
Chosen Option : **B**

Q.99 The AI platform 'SARAL AI', reported in April 2026, is being developed by the Anusandhan National Research Foundation (ANRF) for which of the following purposes?

Ans

✘ A. To enable AI-assisted drafting and filing of intellectual property applications for researchers.

✘ B. To create an AI-driven platform for allocating research grants and monitoring institutional performance across universities.

✔ C. To convert complex research publications and patents into simple, multilingual content for wider public dissemination.

✘ D. To establish a centralized repository for secure storage and commercialization of patents generated through publicly funded research.

Question ID : **4410092169222**
Option 1 ID : **4410098537212**
Option 2 ID : **4410098537210**
Option 3 ID : **4410098537209**
Option 4 ID : **4410098537211**
Status : **Answered**
Chosen Option : **C**

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Q.10 0 **At the 16th India–EU Summit held in January 2026, the conclusion of which agreement was jointly announced by the Prime Minister of India and the President of the European Commission?**

Ans

✔ A. India–European Union Free Trade Agreement (India–EU FTA)

✘ B. India–European Union Investment Protection Agreement

✘ C. India–European Union Digital Partnership Agreement

✘ D. India–European Union Comprehensive Economic Partnership Agreement

Question ID : **4410091983008**
Option 1 ID : **4410097810758**
Option 2 ID : **4410097810757**
Option 3 ID : **4410097810760**
Option 4 ID : **4410097810759**
Status : **Answered**
Chosen Option : **A**

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	19/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **In an experiment, a group of plants fail to reproduce when water is withheld, even though they have vascular tissues. Which plant group do they most closely resemble?**

Ans

✔ A. Pteridophyta

✘ B. Angiosperm

✘ C. Gymnosperm

✘ D. Bryophyta

Q.2 **An element X forms a chloride with the formula XCl_3 and an oxide with the formula X_2O_3. Based on this, what is the valency of element X?**

Ans

✔ A. 3

✘ B. 4

✘ C. 2

✘ D. 1

Q.3 **A worker has to raise a heavy load to a certain height. Four ideal machines are available. Their mechanical advantages are given below:**
Machine P: MA = 0.5
Machine Q: MA = 0.8
Machine R: MA = 2
Machine S: MA = 4

Assume all machines are frictionless and the load must be lifted through the same vertical height.
Which of the following statements is correct?

Ans

✘ A. Machines R and S require the same effort since the load is unchanged.

✔ B. Machine S requires the least effort but the effort moves through the greatest distance.

✘ C. Machine P requires the least effort because it has the smallest MA.

✘ D. Machine S performs less work than the other machines.

Q.4 **A biologist studies nutrient-rich waters that support large fish populations near continental coasts. Which physical mechanism naturally brings nutrients from deep to surface waters?**

Ans

✘ A. Planetary winds at the equator

✔ B. Upwelling caused by ocean currents

✘ C. Movement of surface water only

✘ D. Salinity stratification at depth

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Q.5 DNA, which is also called _____ acid, is the hereditary material that carries genetic information in cells.

Ans

✔ A. Deoxyribonucleic

✘ B. Denatured

✘ C. Di-ribonucleic

✘ D. Decarbonated

Q.6 According to the Newton's Third Law of Motion, what happens to a stationary rowing boat when a sailor jumps forward from it?

Ans

✘ A. The boat remains stationary since only the sailor moves.

✘ B. The boat moves forward along with the sailor.

✔ C. The boat moves backward due to an equal and opposite reaction force

✘ D. The boat moves unpredictably due to water resistance.

Q.7 An electron enters a uniform magnetic field at right angles to it. If the magnetic field is directed into the page and the electron enters toward the right, what is the direction of the force acting on the electron?

Ans

✘ A. into the page

✘ B. out of the page

✘ C. upward

✔ D. downward

Q.8 Which pair of changes will increase both the loudness and the pitch of a sound produced by a guitar string?

Ans

✔ A. Increasing amplitude and increasing frequency

✘ B. Decreasing amplitude and increasing frequency

✘ C. Decreasing amplitude and decreasing frequency

✘ D. Increasing amplitude and decreasing frequency

Q.9 Identify the CORRECTLY matched cell–structure pair.

Ans

✔ A. Eukaryotic Cell – Membrane-bound Endoplasmic Reticulum

✘ B. Animal Cell – Cell Wall

✘ C. Prokaryotic Cell – Mitochondria

✘ D. Bacteria Cell – Well-defined Nucleus

Q.10 Coal is formed from the remains of trees, ferns and other plants that lived _____ of years ago.

Ans

✘ A. tens

✘ B. hundreds

✘ C. thousands

✔ D. millions

Q.11 Select the correct option regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Blood pressure increases temporarily during exercise.
Reason (R): Exercise increases heart rate and the volume of blood pumped by the heart per minute.

Ans

✘ A. A is true, but R is false

✘ B. A is false, but R is true

✔ C. Both A and R are true, and R is the correct explanation of A

✘ D. Both A and R are true, but R is not the correct explanation of A

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Q.12 Which of the following electronic configurations is NOT possible for any neutral atom?

Ans

✗ A. 2, 8, 3

✓ B. 2, 10, 9

✗ C. 2, 8, 2

✗ D. 2, 8, 8

Q.13 Acceleration is defined as:

Ans

✓ A. Change in velocity per unit time

✗ B. Displacement per unit time

✗ C. Distance per unit time

✗ D. Change in displacement per unit time

Q.14 When an object of mass m is moving with a velocity v, its kinetic energy is K, what will be its kinetic energy if its velocity is doubled?

Ans

✓ A. 4K

✗ B. K

✗ C. 2K

✗ D. 3K

Q.15 A student observes the reaction between zinc and sulfur resulting in a compound. Which property of metals is demonstrated when zinc combines with a non-metal like sulfur?

Ans

✗ A. Zinc acts as a catalyst

✗ B. Zinc acts as an oxidizing agent

✗ C. Zinc acts as a solvent

✓ D. Zinc acts as a reducing agent

Q.16 Which of the following is a common example of a suspension found in daily life?

Ans

✗ A. Milk

✗ B. Starch solution

✗ C. Salt water

✓ D. Muddy water

Q.17 A convex lens is used to form an image of an object. When the object is placed at a distance greater than twice of the focal length (2f) of the lens, what is the nature of the image formed?

Ans

✗ A. Virtual, upright and magnified

✗ B. Real, inverted and the same size

✓ C. Real, inverted and diminished

✗ D. Real, inverted, and magnified

Q.18 Which observation best demonstrates that reduction has occurred in a chemical reaction?

Ans

✓ A. Oxygen is removed from a metal oxide during heating.

✗ B. Hydrogen gas is evolved after metal reacts with acid.

✗ C. Oxygen combines with a metal to form its oxide layer.

✗ D. Carbon dioxide is released after heating a carbonate salt.

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Q.19 **A student mixes a non-metallic oxide with a base and observes neutralization. What does this suggest about the properties of the substances involved?**

Ans

✗ A. The non-metallic oxide acts as a base

✗ B. Both substances are neutral

✓ C. The non-metallic oxide acts as an acid

✗ D. The base acts as an acid

Q.20 **A heater is rated at 1000 W, 250 V. If it is connected to a 250 V supply, what will be the current drawn by the heater and what is the resistance of the heater?**

Ans

✗ A. 3.5 A, 71.4 Ω

✗ B. 2.5 A, 100 Ω

✗ C. 5.0 A, 50 Ω

✓ D. 4 A, 62.5 Ω

Q.21 **When a ciliary muscles contracts, the eye lens becomes _____.**

Ans

✗ A. Thinner and the focal length decreases

✓ B. Thicker and the focal length decreases

✗ C. Thicker and the focal length increases

✗ D. Thinner and the focal length increases

Q.22 **Why do single-celled organisms not require specialized organs for taking in food and exchanging gases?**

Ans

✓ A. Because their entire surface is in contact with the environment

✗ B. Because they have a transportation system

✗ C. Because they do not need food or oxygen

✗ D. Because they have complex body designs

Q.23 **Unsaturated hydrocarbons usually undergo which of the following reaction mechanisms?**

Ans

✗ A. Combustion

✓ B. Addition

✗ C. Neutralization

✗ D. Substitution

Q.24 **A city observes increased waste generation due to lifestyle changes and disposable packaging. What is the most effective solution to minimize environmental impact according to waste management principles?**

Ans

✓ A. Promoting segregation and recycling of non-biodegradable waste

✗ B. Burning all waste to reduce volume

✗ C. Increasing landfill space for all waste

✗ D. Ignoring segregation and focusing only on biodegradable waste

Q.25 **Which mechanism allows the sensitive plant to move its leaves immediately after being touched?**

Ans

✓ A. Changing the amount of water in certain cells

✗ B. Specialized nervous tissue

✗ C. Electrical impulses in muscle tissue

✗ D. Use of animal-like proteins

Section : **Mathematics**

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Q.26 A certain sum is divided into two parts in the ratio 8 : 5. If one part is ₹306 more than the other, then find the sum (in ₹).

Ans
- ✗ A. 816
- ✓ B. 1,326
- ✗ C. 1,122
- ✗ D. 510

Q.27 The average of five numbers is 18.45. What is the sum of the five numbers?

Ans
- ✗ A. 95.25
- ✓ B. 92.25
- ✗ C. 90.25
- ✗ D. 84.25

Q.28 Arvind bought an article for ₹x. He sold it to Biru at a loss of 10%. Biru spent ₹135 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for ₹1,728, then what is the value of x?

Ans
- ✓ A. 1,130
- ✗ B. 1,140
- ✗ C. 1,080
- ✗ D. 1,150

Q.29 A, B and C together finish a work in 2 days. If A alone can finish the same work in 4 days and B in 8 days, find how long (in days) will C take to finish twice the same work?

Ans
- ✗ A. 17
- ✗ B. 9
- ✓ C. 16
- ✗ D. 8

Q.30 A delivery rider starts 6 minutes 40 seconds late but still manages to reach a destination 21 km away on time by riding 12 km/hr faster than his usual speed. What is his usual speed in km/hr?

Ans
- ✗ A. 43
- ✗ B. 41
- ✓ C. 42
- ✗ D. 40

Q.31 Giri covers a distance of 56 km in 7 hours. He covers the distance partly on foot at a speed of 6 km/h and partly on a bicycle at a speed of 11 km/h. What is the distance covered by him on the bicycle?

Ans
- ✓ A. 30.8 km
- ✗ B. 30.5 km
- ✗ C. 30.7 km
- ✗ D. 30.2 km

Q.32 Two cubes, each with a volume of 216 cm^3,are joined together end to end. The surface area of the resulting cuboid is:

Ans
- ✗ A. 495 cm^2
- ✗ B. 406 cm^2
- ✗ C. 300 cm^2
- ✓ D. 360 cm^2

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Q.33 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 2 months.

Ans
- ✗ A. 27.50
- ✗ B. 7.50
- ✓ C. 90
- ✗ D. 15

Q.34 Find the weighted arithmetic mean of the first 6 multiples of 8, where each multiple's weight is half of its value. Give your answer correct to two decimal places.

Ans
- ✗ A. 52.52
- ✗ B. 25.36
- ✓ C. 34.67
- ✗ D. 43.67

Q.35 A dataset has a mean μ, median M, and mode m, following the empirical formula $m = 3M - 2\mu m$. Each data point x undergoes a linear transformation given by $x' = kx + d$, where k and d are constants.
The transformed dataset has a new mean μ′, median M′, and mode m′.
Which of the following options correctly represents μ′, M′, and m′ while ensuring that the empirical relationship remains valid?

Ans
- ✓ A. $\mu' = k\mu + d, M' = kM + d, m' = km + d$
- ✗ B. $\mu' = k\mu, M' = kM + d, m' = km + d$
- ✗ C. $\mu' = k\mu + d, M' = kM + d, m' = k(m + d)$
- ✗ D. $\mu' = k\mu + d, M' = kM, m' = km + d$

Q.36 In an election, A gets 63.2% of the votes polled. If the total number of voted polled is 5000, how many votes did A get?

Ans
- ✗ A. 3580
- ✗ B. 2580
- ✓ C. 3160
- ✗ D. 2760

Q.37 Given that $102^{0.63} = x$, $102^{0.94} = y$ and $x^z = y^5$, then the value of z is close to:

Ans
- ✗ A. 8.63
- ✓ B. 7.46
- ✗ C. 9.71
- ✗ D. 6.41

Q.38 Two partners, A and B, invested ₹1,50,000 and ₹1,80,000, respectively, in a business. They agreed to distribute 50% of the profit equally and the remaining 50% in proportion to their capital investments. If B receives ₹46,000 as his share of the total profit, find the total profit.

Ans
- ✓ A. ₹88,000
- ✗ B. ₹96,000
- ✗ C. ₹98,000
- ✗ D. ₹86,000

Q.39 The 7-digit number 36A836B is divisible by 3. What is the minimum value of (A + B)?

Ans
- ✓ A. 1
- ✗ B. 4
- ✗ C. 5
- ✗ D. 6

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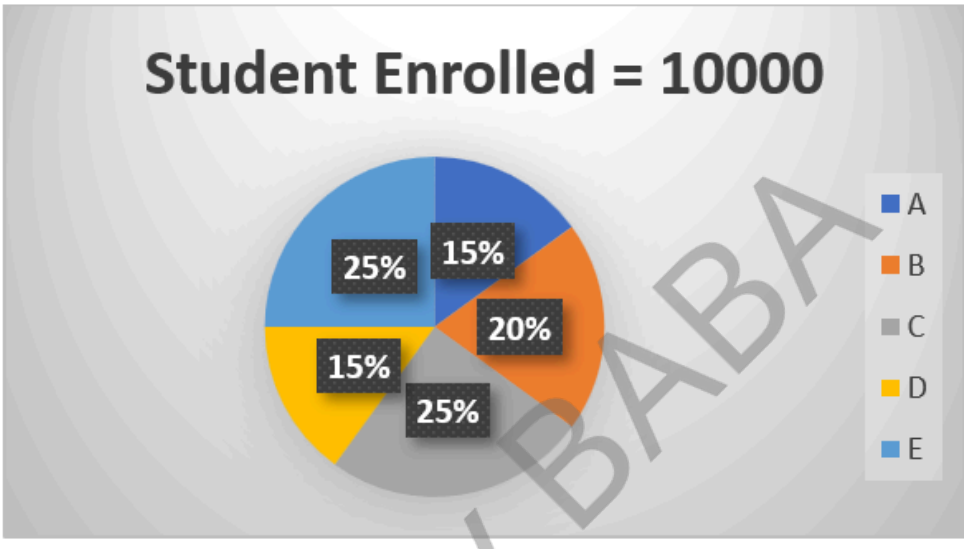
Q.40 A, B, and C invest ₹5,000, ₹7,000, and ₹8,000 in a business. If profit is ₹4,000, find A's share.

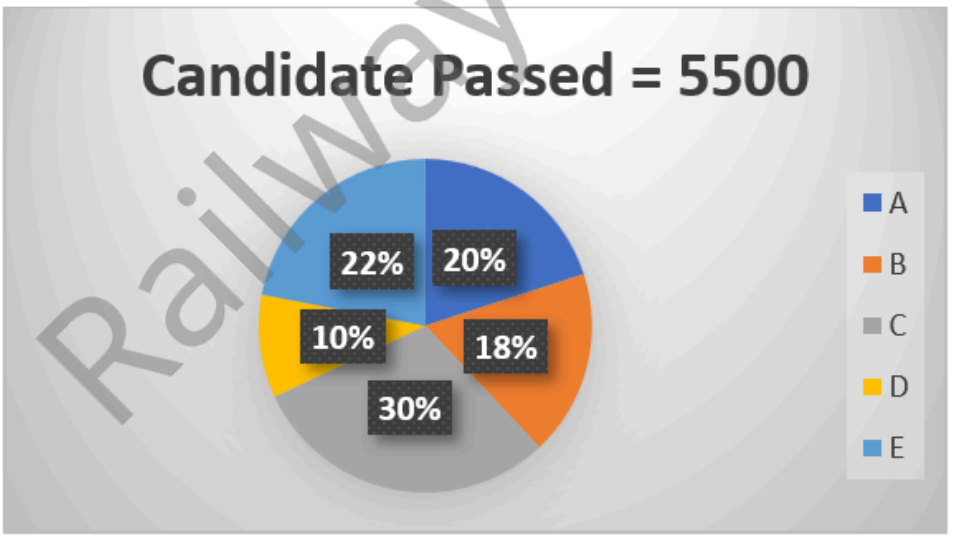
Ans
- ✗ A. ₹1,200
- ✗ B. ₹1,100
- ✗ C. ₹1,400
- ✓ D. ₹1,000

Q.41 A solid cone is melted and recast into a solid cylinder having the same radius as the cone. Find the ratio of the height of the cone to the height of the cylinder.

Ans
- ✗ A. 2:3
- ✓ B. 3:1
- ✗ C. 1:2
- ✗ D. 1:1

Q.42 The given pie charts represent distribution of candidates who were enrolled for MBBS entrance exam and the candidates (out of those enrolled) who passed the exam in different institutes (A, B, C, D and E).





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For Institutes A and E together, what is the percentage of candidates who passed out of the total candidates enrolled?

Ans
- ✗ A. 64.75%
- ✗ B. 42.25%
- ✗ C. 62.25%
- ✓ D. 57.75%

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Q.43 Given that $\angle F = \angle Z$ and $DF = XZ$, which of the following conditions must be true for ΔDEF and ΔXYZ to be congruent?

Ans

✔ A. EF = YZ by SAS criteria

✘ B. EF = YZ by SSA criteria

✘ C. DE = XY by SAS criteria

✘ D. DE = XY by SSS criteria

Q.44 **A sum of ₹2,20,000 is invested for 1 year at 4% per annum, compounded half yearly. What is the compound interest earned at the end of the year?**

Ans

✔ A. ₹8,888

✘ B. ₹8,648

✘ C. ₹9,364

✘ D. ₹9,551

Q.45 **In an election between two candidates 80 % of the registered voters cast their vote and 10 % of the votes polled were found invalid. Winning candidate got 55% of the valid votes and won the election by a margin of 378votes. How many voters were registered?**

Ans

✘ A. 5249

✘ B. 5253

✔ C. 5250

✘ D. 5251

Q.46 **A certain sum of money becomes three times its original value in 4 years when invested at compound interest, compounded annually. In how many years will the same sum become nine times its original value at the same rate of interest?**

Ans

✘ A. 5 years

✘ B. 9 years

✘ C. 6 years

✔ D. 8 years

Q.47 **The angle of elevation of the top of a tower from a point on the ground is 45°. Moving 24 m directly towards the base of the tower, the angle of elevation changes to 60°. What is the height of the tower?**

(Use $\sqrt{3} = 1.732$, and round off your answer to two decimal places.)

Ans

✔ A. 56.78 m

✘ B. 53.78 m

✘ C. 55.78 m

✘ D. 54.78 m

Q.48 **A ladder is leaning against a vertical wall. The ladder is 25 meters long and makes an angle of 30 degrees with the ground. How high does the ladder reach up the wall?**

Ans

✘ A. 25 meters

✘ B. 15 meters

✘ C. 21.7 meters

✔ D. 12.5 meters

Q.49 **Find the least value of $(3K^2-2)$ for which six digits number 7K8508 is divisible by 6.**

Ans

✘ A. 17

✘ B. 14

✔ C. 10

✘ D. 8

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Q.50 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 74% and 72%, shop II allows successive discounts of 12% and 70%, shop III allows successive discounts of 51% and 92% and shop IV allows successive discounts of 29%, 78% and 56% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✔ A. III
- ✘ B. IV
- ✘ C. I
- ✘ D. II

Section : **General Intelligence and Reasoning**

Q.51 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✘ A. AX−UR
- ✘ B. FC−ZW
- ✔ C. PM−II
- ✘ D. HE−BY

Q.52 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
IRON - NORI - RION
MILE - ELIM - IMLE

Ans
- ✔ A. REST - TSER - ERST
- ✘ B. HOPE - HPEO - EPHO
- ✘ C. FIND - DINF - FNID
- ✘ D. PLAN - PALN - PLNA

Q.53 Each of C, D, E, F, J, K and L has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Only two people have exams before F. Only one person has exam after D. Only three people have exams between F and L. Only one person has exam between J and K. E has exam immediately before J. How many people have exams between C and J?

Ans
- ✘ A. Four
- ✘ B. Three
- ✔ C. Two
- ✘ D. One

Q.54 Seven boxes, A, B, C, D, E, F, and G, are stacked vertically. F is placed second from the top. G is placed immediately below E. Only one box is placed between D and E. D is placed fourth from the bottom. B is placed immediately below F. A is placed in one of the positions above C. What is the position of G?

Ans
- ✘ A. Second from bottom
- ✘ B. Top-most
- ✘ C. Second from top
- ✔ D. Bottom-most

Q.55 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

61 - 5 + 231 × 21 ÷ 33 = ?

Ans
- ✔ A. 327
- ✘ B. 320
- ✘ C. 324
- ✘ D. 333

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Q.56 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the brother of B',
A × B means 'A is the wife of B',
A % B means 'A is the father of B' and
A # B means 'A is the daughter of B'.

How is Lg related to Rv if 'Rv – Qe # Hp + Ki # Lg'?

Ans
- ✔ A. Father
- ✘ B. Son
- ✘ C. Brother
- ✘ D. Sister

Q.57 Each letter in the word HACKING is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is fourth from the left and the one which is second from the right in the new letter cluster thus formed?

Ans
- ✔ A. Two
- ✘ B. Six
- ✘ C. Three
- ✘ D. Five

Q.58 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) Y B $ A W M & # J Q Z F L @ R H * T C D S (Right)

How many such symbols are there which are immediately preceded by another symbol and also immediately followed by a letter ?

Ans
- ✘ A. Two
- ✘ B. Four
- ✔ C. One
- ✘ D. Three

Q.59 If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 724859758586, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✘ A. 10
- ✔ B. 12
- ✘ C. 13
- ✘ D. 11

Q.60 Each vowel in the word VATLETS is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

Ans
- ✘ A. Three
- ✔ B. One
- ✘ C. Two
- ✘ D. Zero

Q.61 Seven friends, B, C, D, T, U, V and W, are sitting around a circular table facing the center of the table. Only one person sits between B and C, when counted from the left of C. W sits third to the right of U. V sits third to the left of T. W sits to the immediate right of V. D is not an immediate neighbor of V. How many people sit between D and C, when counted from the right of D?

Ans
- ✔ A. Three
- ✘ B. Two
- ✘ C. Four
- ✘ D. One

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Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order, to make it logically complete?

WHO AKS ENW IQA ?

Ans
✗ A. NUD
✗ B. NTF
✗ C. LSF
✓ D. MTE

Q.63 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(21, 441, 11)
(16, 256, 6)

Ans
✗ A. (13, 169, 4)
✓ B. (19, 361, 9)
✗ C. (22, 484, 11)
✗ D. (25, 625, 8)

Q.64 58 is related to 233 following a certain logic. Following the same logic, 77 is related to 309. To which of the given options is 46 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 156
✗ B. 144
✗ C. 124
✓ D. 185

Q.65 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All engineers are artists.
Some artists are dancers.

Conclusions:
(I) Some dancers are engineers.
(II) Some artists are engineers.

Ans
✗ A. Neither conclusion (I) nor (II) follows
✗ B. Both conclusions (I) and (II) follow
✓ C. Only conclusion (II) follows
✗ D. Only conclusion (I) follows

Q.66 Mr. Tosi starts from Point A and drives 11 km towards the East. He then takes a left turn, drives 12 km, then turns left and drives 23 km. He then takes a left turn and drives 19 km. He takes a final left turn, drives 12 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
✓ A. 7 km to the North
✗ B. 8 km to the West
✗ C. 7 km to the South
✗ D. 9 km to the East

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Q.67 A, B, C, D, E and F are sitting around a circular table, facing the centre.
C sits third to the right of B. D sits to the immediate left of A. D is not an immediate neighbour of B. F sits to the immediate right of E.
The position(s) of how many persons will remain unchanged if all persons are arranged in alphabetical order in clockwise direction starting from A?

Ans
- ✗ A. Four
- ✓ B. Three
- ✗ C. One
- ✗ D. Two

Q.68 Ankit starts from Point A and drives 12 km towards East. He then takes a right turn, drives 7 km, turns right and drives 13 km. He then takes a right turn and drives 12 km. He takes the final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

Ans
- ✗ A. 3 km to South
- ✗ B. 5 km to North
- ✗ C. 4 km to South
- ✓ D. 5 km to South

Q.69 This question is based on the five, three-digit numbers given below.
(Left) 327 914 924 512 458 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
In how many numbers is the sum of the second digit and the third digit of a number is exactly divisible by 3?

Ans
- ✗ A. One
- ✓ B. Three
- ✗ C. Four
- ✗ D. Two

Q.70 If + means - , - means ×, × means ÷ , ÷ means +, then what will come in place of the question mark (?) in the following equation?

11 - 3 ÷ 14 + 15 × 5 = ?

Ans
- ✗ A. 52
- ✓ B. 44
- ✗ C. 35
- ✗ D. 29

Q.71 This question is based on the following words.

APE CAR FAR RED

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✓ A. Three
- ✗ B. None
- ✗ C. Two
- ✗ D. One

Q.72 Seven boxes, G, H, I, B, C, D and E, are kept one over the other, but not necessarily in the same order.
Only two boxes are kept between C and H. Only B is kept above D. No box is kept below H. I is kept at some place below G but at some place above E.
Which box is kept third above E?

Ans
- ✓ A. G
- ✗ B. C
- ✗ C. D
- ✗ D. E

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Q.73 What should come in place of '?' in the given series?

9, 19, 30, 42, 55, ?

Ans
- ✔ A. 69
- ✘ B. 71
- ✘ C. 70
- ✘ D. 68

Q.74 DEGH is related to FGIJ in a certain way based on the English alphabetical order. In the same way, KLNO is related to MNPQ. To which of the following is UVXY related, following the same logic?

Ans
- ✘ A. XWZC
- ✘ B. WXZB
- ✔ C. WXZA
- ✘ D. XYZB

Q.75 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 E Ω C D (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

Ans
- ✘ A. R
- ✔ B. 2
- ✘ C. 5
- ✘ D. K

Q.76 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five sticks, V, H, Y, D and N, each having a different height, which stick is the tallest?
(I) Y is taller than only one stick. D is shorter than H but taller than V.
(II) D is taller than N.

Ans
- ✘ A. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✔ B. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✘ C. Both statements I and II together are NOT sufficient to answer the question
- ✘ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Q.77 In a certain code language,
A # B means 'A is the son of B',
A % B means 'A is the brother of B',
A − B means 'A is the wife of B' and
A @ B means 'A is the father of B'.

How is M related to K if 'M − E % W @ P # K'?

Ans
- ✘ A. Husband's brother's daughter
- ✔ B. Husband's brother's wife
- ✘ C. Brother's daughter
- ✘ D. Brother's wife

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Q.78 **Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.**

BIK : FEI
KKM : OGK

Ans
- ✗ A. KVX : OQV
- ✓ B. LSU : POS
- ✗ C. BLO : FHL
- ✗ D. GEH : KAE

Q.79 **Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?**

Ans
- ✗ A. ZXV
- ✗ B. RPN
- ✓ C. QOL
- ✗ D. XVT

Q.80 **Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.**

(Left) 1 4 7 4 4 9 6 6 4 3 3 4 7 5 7 5 9 1 2 3 6 5 3 5 6 9 7 (Right)

How many such even numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?

Ans
- ✗ A. 3
- ✗ B. 1
- ✗ C. 4
- ✓ D. 2

Section : **General Awareness and Current Affairs**

Q.81 **Which tiger reserve is slated to become the third cheetah habitat in Madhya Pradesh, according to announcements in early 2026?**

Ans
- ✓ A. Veerangana Durgavati Tiger Reserve
- ✗ B. Satpura Tiger Reserve
- ✗ C. Bandhavgarh Tiger Reserve
- ✗ D. Panna Tiger Reserve

Q.82 **India had participated in the joint military Exercise LAMITIYE–2026 with the defence forces of which country?**

Ans
- ✗ A. Mauritius
- ✗ B. Sri Lanka
- ✗ C. Maldives
- ✓ D. Seychelles

Q.83 **Which country had hosted the 48th edition of the Dakar Rally 2026 conducted from 03 January to 17 January 2026 with the start and finish line located in Yanbu?**

Ans
- ✗ A. United Arab Emirates
- ✓ B. Saudi Arabia
- ✗ C. Bahrain
- ✗ D. Qatar

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Q.84 **Which international financial institution published the "Women, Business and the Law 2026" report highlighting gaps in the enforcement of women's economic rights?**

Ans

✗ A. United Nations Development Programme

✗ B. International Monetary Fund

✓ C. World Bank Group

✗ D. Organisation for Economic Co-operation and Development

Q.85 **What is the primary objective of the Khelo India program as reflected through events like the Beach Games in Diu and Tribal Games in Chhattisgarh?**

Ans

✗ A. Increasing sports broadcasting in India

✗ B. Expanding international sports participation

✗ C. Establishing professional sports leagues

✓ D. Promoting inclusivity and regional sports development

Q.86 **What significant air quality milestone did Delhi-NCR achieve in 2025 by November?**

Ans

✓ A. Best average AQI in eight years

✗ B. First time meeting WHO air quality standards

✗ C. No 'poor' days throughout the year

✗ D. Lowest AQI levels ever recorded since 1990

Q.87 **Which organisation had invoked Stage-I of the Graded Response Action Plan across Delhi-NCR in May 2026 after the Air Quality Index entered the 'Poor' category?**

Ans

✗ A. Central Pollution Control Board

✓ B. Commission for Air Quality Management

✗ C. National Green Tribunal

✗ D. Ministry of Environment and Forests

Q.88 **In May 2026, who among the following launched the Common Landing Portal for Unclaimed Financial Assets to facilitate easier access to information relating to unclaimed financial assets?**

Ans

✓ A. Department of Financial Services

✗ B. Department of Banking Affairs

✗ C. Department of Economic Affairs

✗ D. Department of Revenue

Q.89 **The Ministry of Women and Child Development celebrated the 8th edition of Poshan Pakhwada from 9 to 23 April 2026. What was the theme of Poshan Pakhwada 2026?**

Ans

✗ A. Strengthening Adolescent Nutrition and Healthy Lifestyle Practices

✓ B. Maximizing Brain Development in the First Six Years of Life

✗ C. Enhancing Community Participation for Holistic Nutrition Outcomes

✗ D. Promoting Maternal Health and Early Childhood Care Services

Q.90 **Who authored the coffee table book 'Atal Bihari Vajpayee: The Eternal Statesman' launched at Dr. Ambedkar International Centre in February 2026?**

Ans

✓ A. Vijay Goel

✗ B. Ashim Kumar Ghosh

✗ C. Murli Manohar Joshi

✗ D. C. P. Radhakrishnan

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Q.91 **In 2026, Indian entrepreneur Bharat Gite was honoured at the British Parliament with the "Global Inspiration of the Year 2026" award for contributions to which industry?**

Ans

✗ A. Semiconductor design and fabrication

✓ B. Aluminium manufacturing and innovation

✗ C. Pharmaceutical manufacturing and exports

✗ D. Renewable energy storage systems

Q.92 **Under India's hypersonic missile development program, which institution has successfully completed a long-duration ground test of an actively cooled, full-scale scramjet combustor in May 2026?**

Ans

✓ A. Defence Research and Development Organisation

✗ B. Bharat Electronics Limited

✗ C. Indian Space Research Organisation

✗ D. Hindustan Aeronautics Limited

Q.93 **Which indigenously developed third-generation fire-and-forget weapon system with top attack capability had been successfully flight-tested by DRDO against a moving target at KK Ranges, Ahilya Nagar, Maharashtra in January 2026?**

Ans

✗ A. Medium Range Precision Assault Tactical Missile

✓ B. Man Portable Anti-Tank Guided Missile (MPATGM)

✗ C. Multi Purpose Advanced Target Ground Missile

✗ D. Mobile Personnel Armor Tracking Guided Missile

Q.94 **At the New Delhi 2026 World Para Athletics Grand Prix, which Indian para-athlete won the gold medal in the Men's Javelin Throw F43/44/64 event, leading India's podium sweep?**

Ans

✓ A. Sumit Antil

✗ B. Sandeep Chaudhary

✗ C. Amit Kumar Saroha

✗ D. Devendra Jhajharia

Q.95 **In May 2026, the Indian Cyber Crime Coordination Centre (I4C) signed a Memorandum of Understanding (MoU) with which organization to strengthen AI-driven detection of mule accounts and combat cyber-enabled financial frauds?**

Ans

✗ A. National Payments Corporation of India (NPCI)

✓ B. Reserve Bank Innovation Hub (RBIH)

✗ C. Indian Computer Emergency Response Team (CERT-In)

✗ D. National Informatics Centre (NIC)

Q.96 **In February 2026, at which venue in the United Arab Emirates was the 3rd International AYUSH Conference and Expo organized?**

Ans

✗ A. Qatar National Convention Centre, Doha

✗ B. Sharjah Expo Centre, Sharjah

✓ C. Dubai World Trade Centre (DWTC), Dubai

✗ D. Abu Dhabi National Exhibition Centre, Abu Dhabi

Q.97 **What is the primary purpose of the Delegation of Financial Powers to DRDO (DFP-2026) released in June 2026?**

Ans

✗ A. To centralize all project funding decisions

✓ B. To improve efficiency and project execution

✗ C. To mandate the outsourcing of core research

✗ D. To reduce the total research budget of DRDO

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Q.98 **Which initiative was announced on 22 December 2025 for establishing a Centre of Excellence to promote CRISPR-based innovation and enable translation of laboratory research into real-world clinical applications in India?**

Ans

✗ A. National Bio-Pharma Skill Development Programme

✓ B. Centre of Excellence for CRISPR Innovation and Translation

✗ C. National Centre for Genome Sequencing and Data Sharing

✗ D. Biotechnology Industry Research Assistance Council Innovation Hub

Q.99 **In 2026, Prime Minister Narendra Modi received the "Royal Order of the Polar Star, Degree Commander Grand Cross" from which country?**

Ans

✗ A. Finland

✗ B. Norway

✓ C. Sweden

✗ D. Denmark

Q.100 **Which cricketer had been awarded the ICC Men's Player of the Month title for December 2025 following outstanding performances in international cricket?**

Ans

✓ A. Mitchell Starc

✗ B. Jacob Duffy

✗ C. Justin Greaves

✗ D. Pat Cummins

"

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	20/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **According to the Rutherford's model, what is the main characteristic of an atom's nucleus?**

Ans
- ✗ A. It contains only electrons
- ✗ B. It is spread throughout the atom
- ✓ C. It is small, dense, and positively charged
- ✗ D. It is large and negatively charged

Q.2 **If a 4 kg object is moving at 3 m/s and another 2 kg object is moving at 6 m/s, which one has more kinetic energy?**

Ans
- ✗ A. Both objects have equal kinetic energy
- ✓ B. The 2 kg object moving at 6 m/s
- ✗ C. Neither object has kinetic energy
- ✗ D. The 4 kg object moving at 3 m/s

Q.3 **A eukaryotic cell that performs its functions and undergoes programmed cell death when no longer required is best described as a _____.**

Ans
- ✗ A. Malignant cell
- ✗ B. Bacterial cell
- ✓ C. Normal cell
- ✗ D. Tumour cell

Q.4 **Which of the following best describes why the unit of force is chosen as newton?**

Ans
- ✗ A. It simplifies the calculation of velocity
- ✓ B. It makes the constant k in the formula "F = k ma" equal to 1
- ✗ C. It changes the value of acceleration
- ✗ D. It makes mass and acceleration equal in value

Q.5 **How does the human ear respond to frequencies below 20 Hz?**

Ans
- ✗ A. The human ear can hear all frequencies below 20 Hz
- ✗ B. The human ear converts low frequencies into high frequencies
- ✓ C. The human ear cannot hear frequencies below 20 Hz
- ✗ D. The human ear amplifies only high frequencies

Q.6 **Which of the following groups of organisms are NOT classified as consumers?**

Ans
- ✓ A. Producers
- ✗ B. Decomposers
- ✗ C. Herbivores
- ✗ D. Carnivores

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Q.7 What is the main purpose of filling electric bulbs with nitrogen and argon gases?

Ans

✗ A. To make the bulb transparent

✗ B. To cool the filament rapidly

✗ C. To increase the brightness of the bulb

✓ D. To prolong the life of the filament

Q.8 A clinician differentiates two bacteria using the classification hierarchy: same order but different families. Which conclusion does this indicate?

Ans

✗ A. They share order and class, but not family

✓ B. They share only the order level

✗ C. They share only the family level

✗ D. They share order and family, but not genus or species

Q.9 What does the atomic number of an element represent?

Ans

✓ A. Number of protons

✗ B. Number of isotopes

✗ C. Number of electrons and neutrons

✗ D. Number of neutrons only

Q.10 Which organelle is physically continuous with the nuclear envelope?

Ans

✗ A. Mitochondria

✗ B. Lysosome

✗ C. Golgi Body

✓ D. Endoplasmic Reticulum

Q.11 Which of the following is NOT a characteristic of substitution reactions in alkanes ?

Ans

✓ A. Double bond is broken

✗ B. One atom replaces another

✗ C. Occurs in presence of sunlight

✗ D. Multiple products may form

Q.12 Consider the reaction: $HCl(aq) + NaOH(aq) \rightarrow NaCl(aq) + H_2O(l)$

This reaction is best classified as which type of chemical reactions?

Ans

✓ A. Neutralization reaction

✗ B. Decomposition reaction

✗ C. Combination reaction

✗ D. Displacement reaction

Q.13 How does Paramecium ingest food?

Ans

✓ A. By moving cilia toward a specific spot

✗ B. By extending temporary pseudopodia

✗ C. By direct absorption across the surface

✗ D. By changing its entire body shape

Q.14 Which method is appropriate for finding the distance travelled by an object when its velocity-time graph is a straight line sloping upwards from the origin?

Ans

✗ A. Subtract the initial time from the final time

✗ B. Read the final velocity value from the graph

✗ C. Calculate the slope of the velocity-time graph

✓ D. Calculate the area under the velocity-time graph for the given interval

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Q.15 Which of the following defects of vision is corrected using a concave lens?

Ans
- ✔ A. Myopia
- ✘ B. Astigmatism
- ✘ C. Presbyopia
- ✘ D. Hypermetropia

Q.16 What sort of flame is produced when unsaturated carbon compounds are burnt in air?

Ans
- ✘ A. a yellow flame with no smoke
- ✘ B. a clean flame
- ✔ C. a yellow flame with lots of black smoke
- ✘ D. a blue flame with lots of black smoke

Q.17 Two identical bulbs are connected in parallel to a battery. If one bulb burns out, what happens to the brightness of the other bulb?

Ans
- ✔ A. The brightness of the other bulb remains unchanged.
- ✘ B. The brightness of the other bulb increases.
- ✘ C. Both bulbs turn off.
- ✘ D. The brightness of the other bulb decreases.

Q.18 Anodising is a process used to improve the appearance and durability of aluminium articles. Which of the following statements best explains the principle behind anodising?

Ans
- ✘ A. Aluminium is coated with zinc to prevent rusting.
- ✘ B. Aluminium is made the cathode in electrolysis to reduce oxide layer.
- ✘ C. Aluminium is dipped in alkali to increase its reactivity.
- ✔ D. Aluminium is made the anode and oxidised to form a thicker protective oxide layer.

Q.19 Which of these structures carries urine from the kidneys to the bladder?

Ans
- ✔ A. Ureters
- ✘ B. Urethra
- ✘ C. Trachea
- ✘ D. Intestines

Q.20 The force applied by a person to operate a machine is known as _____.

Ans
- ✔ A. Effort
- ✘ B. Fulcrum
- ✘ C. Resistance
- ✘ D. Load

Q.21 In a comparative study, some unicellular organisms from a hay infusion display flexible shapes and engulf food particles, while others have a rigid outer covering and are green in color. Which conclusion best explains the observed differences?

Ans
- ✘ A. Monera have similar cell walls
- ✘ B. Chlorophyll is absent in all
- ✔ C. Protists vary in structure and nutrition
- ✘ D. All protists are prokaryotic

Q.22 Which gas is usually released when acid reacts with metals?

Ans
- ✘ A. nitrogen
- ✔ B. hydrogen
- ✘ C. chlorine
- ✘ D. carbon dioxide

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Q.23 For any object position, what can be said about the size of the image formed by a concave lens?

Ans
- ✔ A. It is always diminished compared to the object
- ✘ B. It is always the same size as the object
- ✘ C. It is sometimes enlarged and sometimes diminished
- ✘ D. It is always magnified compared to the object

Q.24 Select the correct option regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): Carbon dioxide is a reactant in aerobic respiration.
Reason (R): Carbon dioxide is released during the oxidation of glucose.

Ans
- ✘ A. Both A and R are true but R is not the correct explanation of A
- ✘ B. Both A and R are true, and R is the correct explanation of A
- ✔ C. A is false, but R is true
- ✘ D. A is true, but R is false

Q.25 Which of the following is a characteristic of a colloidal solution?

Ans
- ✘ A. The solute particles can be seen with the naked eye.
- ✘ B. The solute particles do not scatter a beam of light.
- ✔ C. The solute particles scatter a beam of light but do not settle down.
- ✘ D. The solute particles settle down on standing.

Section : **Mathematics**

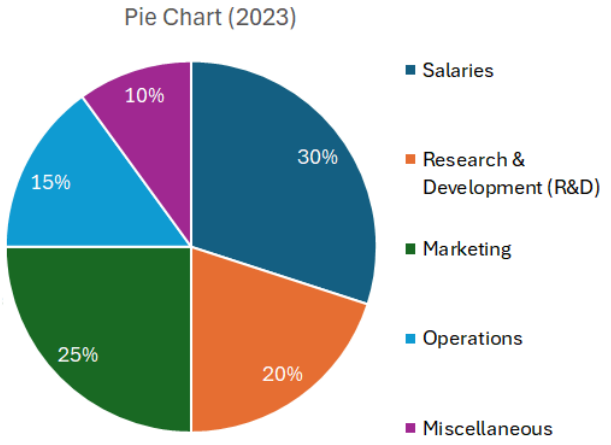
Q.26 The perimeter of a square is 28 cm, find its area.

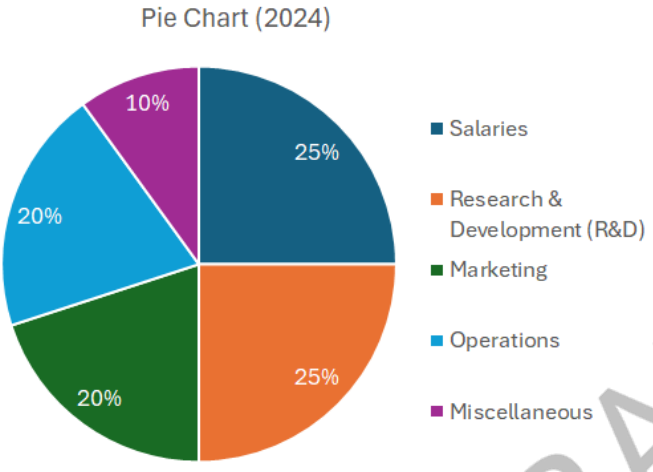
Ans
- ✘ A. $84\ \text{cm}^2$
- ✘ B. $64\ \text{cm}^2$
- ✔ C. $49\ \text{cm}^2$
- ✘ D. $28\ \text{cm}^2$

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Q.27 **The two pie charts show the distribution of annual expenditure of a company for 2023 and 2024.**
The total expenditure was ₹4 crore in 2023 and ₹5 crore in 2024.





Which category recorded the highest increase in expenditure from 2023 to 2024?

Ans
- ✔ A. Research & Development (R&D)
- ✘ B. Salaries
- ✘ C. Marketing
- ✘ D. Operations

Q.28 **10 years ago, Elephant was five times older than Giraffe. Five years from now, the age of Elephant will be twice the age of the Giraffe. What was the sum of the age of Elephant and Giraffe five years ago?**

Ans
- ✘ A. 50 years
- ✘ B. 35 years
- ✘ C. 45 years
- ✔ D. 40 years

Q.29 **A sum of ₹1,000 is invested for 2 years at 10% per annum. Find the difference between the compound interest and the simple interest (in ₹), if the interest is compounded annually.**

Ans
- ✘ A. 30
- ✔ B. 10
- ✘ C. 40
- ✘ D. 20

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Q.30 At what rate of interest per annum will a sum of money become 40 times its original amount in 2 years, if the interest is compounded annually? (Give your answer correct to one decimal place.)

Ans
- ✗ A. 537.9%
- ✓ B. 532.5%
- ✗ C. 538.3%
- ✗ D. 529.3%

Q.31 Nitin can prepare one wooden shoe-stand in 2 days, and Pravin can prepare the same shoe-stand in 4 days. If they work together, in how many days will they prepare 117 shoe-stands?

Ans
- ✗ A. 160
- ✗ B. 158
- ✓ C. 156
- ✗ D. 152

Q.32 If $4\cot A = 2$, then find the value of $\frac{1-\tan^2 A}{1+\tan^2 A}$.

Ans
- ✓ A. $\frac{-3}{5}$
- ✗ B. $\frac{3}{5}$
- ✗ C. $\frac{3}{4}$
- ✗ D. $\frac{-3}{4}$

Q.33 A dishonest dealer professes to sell his goods at C.P, but he cheats by 7% while purchasing and 9% while selling. What percent of profit does he gain?

Ans
- ✗ A. 12.25%
- ✓ B. 16.63%
- ✗ C. 17.20%
- ✗ D. 14%

Q.34 A shopkeeper mixes two types of rice to sell as a single blend.
He mixes 4 kg of Basmati rice priced at ₹120 per kg with 6 kg of Sona Masuri rice priced at ₹80 per kg.
At what price per kg should he sell the mixture to make no profit or loss?

Ans
- ✗ A. ₹88
- ✗ B. ₹90
- ✓ C. ₹96
- ✗ D. ₹100

Q.35 The expenditure of Sudha is 150% more than her savings. If her expenditure decreases by 3% and savings increase by 21.5%, then by what percent does her income increase?

Ans
- ✓ A. 4%
- ✗ B. 6%
- ✗ C. 1%
- ✗ D. 3%

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Q.36 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 66% and 81%, shop II allows successive discounts of 42% and 41%, shop III allows successive discounts of 57% and 99% and shop IV allows successive discounts of 35%, 32% and 15% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. II
- ✓ B. III
- ✗ C. I
- ✗ D. IV

Q.37 Find the value of y, if $29 \times 6 \times 780 \div \sqrt{2704} = y + 602$

Ans
- ✗ A. 2007
- ✗ B. 2016
- ✗ C. 1998
- ✓ D. 2008

Q.38 If the mean of the following data is 47, then what is the value of x?

Class	20-30	30-40	40-50	50-60	60-70
Frequency	44	50	16	20	x

Ans
- ✗ A. 68
- ✗ B. 61
- ✗ C. 66
- ✓ D. 80

Q.39 In a class, the average score of 25 students is 80. If the average score of 15 of these students is 85, what is the average score of the remaining students?

Ans
- ✗ A. 73.5
- ✓ B. 72.5
- ✗ C. 73
- ✗ D. 72

Q.40 Two trains, P and Q, start from stations S and T towards each other. They take 4 hours 48 minutes and 3 hours 20 minutes to reach T and S, respectively. If train P is running at 45 km/hr, then the speed of train Q is:

Ans
- ✗ A. 60 km/hr
- ✓ B. 54 km/hr
- ✗ C. 45 km/hr
- ✗ D. 50 km/hr

Q.41 If $X = \frac{1 + \sec\theta + \tan\theta}{2\tan\theta}$, then the value of $\frac{\sec\theta - 1 + \tan\theta}{\sec\theta + \tan\theta}$ is:

Ans
- ✗ A. $1 + \frac{1}{X}$
- ✗ B. X
- ✗ C. $1 + X^2$
- ✓ D. $\frac{1}{X}$

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Q.42 Kaushal travelled for 24 hours 56 minutes at the speed of 90 km/h. At what speed (in km/h) should he travel to cover the same distance in 17 hours?

Ans

✗ A. 130

✗ B. 135

✗ C. 131

✓ D. 132

Q.43 The surface area of a sphere is numerically equal to the volume of a hemisphere of radius $\frac{R}{2}$ cm. If the surface area of the sphere is v cm^2, then find the value of $\left(\frac{12v}{\pi}\right)^{\frac{1}{3}}$ in terms of R.

Ans

✗ A. $2R$

✗ B. R^3

✗ C. R^2

✓ D. R

Q.44 The radius of a circle inscribed in a square is $5\sqrt{7}$ cm. Find the area (in cm^2) of the circumcircle.

(Use $\pi = \frac{22}{7}$)

Ans

✗ A. 550

✗ B. 1,155

✗ C. 1,000

✓ D. 1,100

Q.45 A vendor buys lemons at the rate of 28 for ₹1. How many lemons should he sell for ₹1 to earn a profit of 75%?

Ans

✓ A. 16

✗ B. 17

✗ C. 18

✗ D. 20

Q.46 A bag contains 50-paise, ₹1, and ₹2 coins in the ratio 2 : 5 : 8. If the total value of all the coins is ₹352, find the total number of coins in the bag.

Ans

✗ A. 235

✓ B. 240

✗ C. 215

✗ D. 260

Q.47 Find the value of $x + \frac{1}{x}$ if $\sqrt{x} + \frac{1}{\sqrt{x}} = 3$.

Ans

✗ A. 5

✓ B. 7

✗ C. 11

✗ D. 9

Q.48 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 4 months.

Ans

✗ A. 30

✗ B. 15

✗ C. 35

✓ D. 180

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Q.49 What is the least value that must be assigned to A so that the number 604A4744 is divisible by 3?

Ans

✗ A. 4

✓ B. 1

✗ C. 7

✗ D. 8

Q.50 Rahul sells fruit juice by mixing fruit and water in the ratio of 17 : 8. Since Rahul's juice tastes good, Rohan prepares the same mixture by mixing m litres of water with 153 litres of fruit, following Rahul's recipe. Find the value of $\sqrt{\frac{m}{2}}$.

Ans

✗ A. 9

✗ B. 5

✓ C. 6

✗ D. 3

Section : General Intelligence and Reasoning

Q.51 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: OUC :: RTF : %

Ans

✓ A. # = PWD, % = QRE

✗ B. # = PWE, % = SUE

✗ C. # = NWD, % = SRG

✗ D. # = NVD, % = QGN

Q.52 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans

✓ A. LMQ

✗ B. RTV

✗ C. DFH

✗ D. KMO

Q.53 What should come in place of ? in the given series based on the English alphabetical order?

CGXA HLTE MQPI RVLM WAHQ ?

Ans

✓ A. BFDU

✗ B. BFEV

✗ C. CEEV

✗ D. CEDU

Q.54 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 4 8 7 2 5 8 4 1 2 7 9 1 1 5 5 4 8 2 1 1 5 7 4 6 3 8 3 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

Ans

✓ A. 6

✗ B. 7

✗ C. 5

✗ D. 8

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Q.55 Each of Kavita, Mini, Tinku, Shiv, Alok, Rinku, and Farheen has exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only one person has exam between Shiv and Alok. Only two people have exam between Mini and Kavita. Tinku does not have exam on any of the days after Alok. Only two people have exam between Rinku and Mini. Only three people have exam before Mini. Rinku does not have exam on any of the days after Kavita. Farheen does not have exam immediately after Shiv.
Three of the following four options are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does NOT belong to that group?

Ans
✗ A. Alok and Farheen
✓ B. Shiv and Alok
✗ C. Shiv and Mini
✗ D. Rinku and Tinku

Q.56 In a certain code language, 'OVEN' is coded as '6218' and 'MOVE' is coded as '5621'. What is the code for 'N' in the given code language?

Ans
✗ A. 2
✓ B. 8
✗ C. 5
✗ D. 1

Q.57 If '–' means '÷', '×' means '+', '÷' means '×' and '+' means '–', then what will come in place of the question mark (?) in the following equation?

15 × 4 + 6 – 3 ÷ 2 = ?

Ans
✗ A. 53
✓ B. 15
✗ C. 11
✗ D. 50

Q.58 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 8 2 3 5 6 9 7 3 2 4 1 8 2 5 6 9 1 4 3 2 6 8 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans
✓ A. One
✗ B. Three
✗ C. Four
✗ D. Two

Q.59 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
36 - 1 ÷ 9 + 6 × 6 = ?

Ans
✓ A. 44
✗ B. 45
✗ C. 46
✗ D. 42

Q.60 Each vowel in the word EPIDERM is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the group of letters thus formed?

Ans
✗ A. None
✓ B. One
✗ C. Two
✗ D. Three

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Q.61 This question is based on the given words.

LOG ZAG IVY DON

How many letters are there in the English alphabetical order between the second letter of the second word from the right and the first letter of the second word from the left?

Ans
- ✗ A. 2
- ✗ B. 4
- ✓ C. 3
- ✗ D. 5

Q.62 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NS-LQ-JM
RW-PU-NQ

Ans
- ✗ A. BF-DH-FJ
- ✗ B. TR-QP-NM
- ✓ C. GL-EJ-CF
- ✗ D. AB-CD-EF

Q.63 What will come in the place of the question mark (?) in the following equation, if '+' and '–' are interchanged and '×' and '÷' are interchanged?

(4 ÷ 2) + 2 − 14 + 18 × 2 − 24 = ?

Ans
- ✓ A. 35
- ✗ B. 40
- ✗ C. 30
- ✗ D. 45

Q.64 This question is based on the given words.

CAT ARM RAG FAT

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. One
- ✗ D. None

Q.65 58 is related to 405 following a certain logic. Following the same logic, 67 is related to 468. To which of the given options is 91 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 663
- ✗ B. 644
- ✗ C. 652
- ✓ D. 636

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Q.66 Each of G, H, I, B, C, D and E has exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only four people have exam between H and B. E has exam on Friday. Only two people have exam between B and E. I has exam immediately after D. C doesn't have exam on Monday.
How many people have exam between C and G?

Ans
✗ A. Two
✓ B. Four
✗ C. Three
✗ D. One

Q.67 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All buses are planes.
Some planes are trains.

Conclusions:
(I) Some buses are trains.
(II) Some trains are planes.

Ans
✗ A. Only conclusion (I) follows.
✗ B. Neither conclusion (I) nor (II) follows.
✓ C. Only conclusion (II) follows.
✗ D. Both conclusions (I) and (II) follow.

Q.68 K is the sister of H. M is the wife of L. H is the brother of M. L is the father of Z. How is K related to Z?

Ans
✗ A. Wife's father
✓ B. Mother's sister
✗ C. Brother's wife
✗ D. Sister's husband

Q.69 Six friends E, F, G, H, L and M are sitting in a straight line facing north. Only two people sit to the left of L. Only two people sit between L and F. M sits second to the left of F. Only two people sit between M and E. L sits at some place to the right of H but at some place to the left of G. How many people sit to the left of G?

Ans
✗ A. One
✓ B. Four
✗ C. Two
✗ D. Three

Q.70 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Among five people – G, H, I, J, and K – who is the youngest?
(I) H is older than G and I but younger than J.
(II) K is younger than J but older than H.

Ans
✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
✓ B. Both statements I and II together are NOT sufficient to answer the question.
✗ C. Data in statement I alone is sufficient to answer the question while data in statement II is not.
✗ D. Data in statement II alone is sufficient to answer the question while data in statement I is not.

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Q.71 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. For example, 13 — operations such as adding, subtracting, multiplying, etc., can be performed on 13 as a whole. Breaking down 13 into 1 and 3 and then performing operations on 1 and 3 is not allowed.)
5 – 25 – 35 – 70;
6 – 36 – 46 – 92

Ans
- ✗ A. 3-9-18-27
- ✗ B. 4-16-32-42
- ✓ C. 7-49-59-118
- ✗ D. 8-16-32-42

Q.72 What should come in place of the question mark (?) in the given series?

1 2 4 7 11 ?

Ans
- ✓ A. 16
- ✗ B. 14
- ✗ C. 18
- ✗ D. 15

Q.73 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

BNG : DQI
UCF : WFH

Ans
- ✗ A. SAI : TDK
- ✓ B. QOM : SRO
- ✗ C. TBQ : UDT
- ✗ D. ZLE : BOH

Q.74 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. JC – RT
- ✗ B. VO – DF
- ✓ C. UM – CE
- ✗ D. PI – XZ

Q.75 In a certain code language,
A + B means 'A is the son of B'
A @ B means 'A is the sister of B'
A # B means 'A is the wife of B'
A ÷ B means 'A is the father of B'

Based on the above, how is Q related to H if 'Q + W # R ÷ G @ H'?

Ans
- ✗ A. Son
- ✓ B. Brother
- ✗ C. Husband
- ✗ D. Father

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Q.76 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some huts are dens. No den is a cave.

Conclusions:
(I) Some huts are caves.
(II) Some dens are huts.

Ans
- ✗ A. Only conclusion (I) follows.
- ✗ B. Neither conclusion (I) nor (II) follows.
- ✗ C. Both conclusions (I) and (II) follow.
- ✓ D. Only conclusion (II) follows.

Q.77 **The position(s) of how many letters will remain unchanged if each letter in the word JOURNALISM is arranged in the alphabetical order?**

Ans
- ✓ A. One
- ✗ B. Two
- ✗ C. Three
- ✗ D. Four

Q.78 Seven students I, J, K, P, Q, R and Z are sitting in a row facing north. Z sits to the immediate left of P. Only two people sit to the left of J. Only three people sit between J and Q. Only one person sits between Q and K. R is not an immediate neighbor of Q. How many people sit to the right of I?

Ans
- ✗ A. Four
- ✗ B. Two
- ✗ C. Three
- ✓ D. One

Q.79 Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) S N $ $ F $ G © Y X M * M G # € $ & M # Y Y (Right)
How many such letters are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ A. Four
- ✗ B. Five
- ✗ C. Two
- ✓ D. Three

Q.80 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only three boxes are kept above R. Only two boxes are kept between R and T. Only S is kept above I. J is kept at some place below Q and at some place above K. How many boxes are kept between Q and T?

Ans
- ✓ A. Three
- ✗ B. Two
- ✗ C. Four
- ✗ D. One

Section : **General Awareness and Current Affairs**

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Q.81 **In December 2025, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru and CRISPRBITS Pvt. Ltd. established which Centre for Collaborative Innovation and Translation?**

Ans

✗ A. Centre for Biotechnology Studies

✓ B. Centre of Excellence for CRISPR Innovation and Translation

✗ C. Centre for Genetic Research and Development

✗ D. Centre for Biomedical Science and Technology

Q.82 **Which vessel was commissioned into the Indian Navy in February 2026 at Chennai Port as the fourth ship of the Anti-Submarine Warfare Shallow Water Craft (ASW-SWC) project?**

Ans

✓ A. INS Anjadip

✗ B. INS Arihant

✗ C. INS Vikrant

✗ D. INS Kamorta

Q.83 **In State of Tamil Nadu v. Governor of Tamil Nadu, what did the Supreme Court rule regarding the Governor's powers over state legislation?**

Ans

✗ A. Governor can exercise pocket veto indefinitely

✗ B. Governor has absolute veto power

✗ C. Governor can amend bills before assent and can send the bill back to the assembly

✓ D. The Governor must act on state bills and cannot refuse or delay them indefinitely

---

Q.84 **Which Ministry had released the thematic SDG Bulletin reports titled "Planet in Focus: Advancing Environmental Sustainability under the SDGs" and "Delivering Prosperity at Scale: India's Economic Transformation through the SDGs" in March 2026?**

Ans

✗ A. Ministry of Finance

✗ B. NITI Aayog

✓ C. Ministry of Statistics and Programme Implementation

✗ D. Ministry of Environment, Forest and Climate Change

Q.85 **Which African city hosted the final match of the 2026 ICC Under-19 Men's Cricket World Cup on 6 February 2026?**

Ans

✗ A. Lagos

✗ B. Cairo

✓ C. Harare

✗ D. Nairobi

Q.86 **Which of the following launched Unified Markets Interface for Tokenized Finance in October 2025?**

Ans

✗ A. Securities and Exchange Board of India

✗ B. Tourism Finance Corporation of India (TFCI) Ltd.

✓ C. Reserve Bank of India

✗ D. Infrastructure Development Finance Company (IDFC) Ltd.

Q.87 **In a landmark judgment delivered on May 21, 2026, the Supreme Court ruled on the regularisation of contract workers, specifically concerning a 2012 Office Memorandum (OM) by the Government of Assam. Which of the following Articles did the Court rule, was getting violated?**

Ans

✓ A. Article 14

✗ B. Article 21

✗ C. Article 15

✗ D. Article 19

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Q.88 In May 2026, DRDO successfully conducted a long-duration test of which indigenously developed propulsion component, marking a major breakthrough in hypersonic missile technology?

Ans

✗ A. Ramjet Propulsion Module

✗ B. Cryogenic Rocket Engine

✗ C. Solid Rocket Booster Motor

✓ D. Actively Cooled Full Scale Scramjet Combustor

Q.89 Between January and April 2026, the Railway Protection Force (RPF) rescued and protected vulnerable children under which nationwide initiative?

Ans

✗ A. Operation Smile

✗ B. Mission Vatsalya

✗ C. Operation Muskaan

✓ D. Operation Nanhe Farishte

Q.90 Which Indian armed force took part in the multinational exercise INIOCHOS-25 in Greece in 2025?

Ans

✗ A. National Security Guard

✗ B. Indian Navy

✗ C. Indian Coast Guard

✓ D. Indian Air Force

Q.91 Which country was defeated by India in the final of the ICC Under-19 Men's Cricket World Cup 2026?

Ans

✗ A. South Africa

✓ B. England

✗ C. Australia

✗ D. Pakistan

Q.92 At the 79th British Academy Film Awards (BAFTA) 2026, held at the Royal Festival Hall in London, which actor won the Best Leading Actor award for his performance in 'I Swear'?

Ans

✗ A. Wagner Moura

✗ B. Ethan Hawke

✗ C. Sean Penn

✓ D. Robert Aramayo

Q.93 Which of the following cites hosted the first chapter of the Khelo India Winter Games, 2026, for ice sports (Ice Hockey & Ice Skating)?

Ans

✗ A. Gulmarg

✗ B. Manali

✗ C. Shimla

✓ D. Leh

Q.94 In 2026, Indian conservation scientist Parveen Shaikh received the prestigious Whitley Award for her work in protecting which endangered bird species in the Ganga basin?

Ans

✓ A. Indian Skimmer

✗ B. Great Indian Bustard

✗ C. Bengal Florican

✗ D. Sarus Crane

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Q.95 **At which summit did India and the United States sign the Pax Silica Declaration in February 2026?**

Ans

✗ A. Global Partnership on Artificial Intelligence Summit 2026

✗ B. Bletchley Park AI Safety Summit 2026

✓ C. India AI Impact Summit 2026

✗ D. World Government Summit 2026

Q.96 **In January 2026, which RPF officer was conferred the Ati Vishisht Rail Seva Puraskar, the highest service honour of Indian Railways, for her outstanding work in rescuing children from child labour and trafficking?**

Ans

✓ A. Chandana Sinha

✗ B. Anita Sharma

✗ C. Madhuri Kumari

✗ D. Neelam Verma

Q.97 **Which team did Jammu and Kashmir overcome to claim their first-ever Ranji Trophy title in the 2025–26 season?**

Ans

✓ A. Karnataka

✗ B. Punjab

✗ C. Bengal

✗ D. Mumbai

Q.98 **At the 2026 India-AI Impact Summit, which three pillars were emphasized to promote AI for sustainable development in climate action?**

Ans

✗ A. Innovation, Impact, and Integrity

✗ B. Technology, Economy, and Equity

✓ C. People, Planet, and Progress

✗ D. Governance, Growth, and Green

Q.99 **On 25th January 2026, the National Voters' Day was celebrated with which of the following themes?**

Ans

✗ A. My Nation, My Voice

✓ B. My India, My Vote

✗ C. My Democracy, My Duty

✗ D. My Country, My Right

Q.100 **What was the theme of world earth day 2026 observed on April 22?**

Ans

✗ A. Invest In Our Planet

✗ B. Planet vs. Plastics

✗ C. Restore our Earth

✓ D. Our Power, Our Planet

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सत्यमेव जयते

रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

Test Date	20/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Consider the reaction:**
$Na_2SO_4(aq) + BaCl_2(aq) \rightarrow BaSO_4(s) + 2NaCl(aq)$

Which feature of this reaction justifies classifying it specifically as a precipitation reaction?

Ans
- ✗ A. Reactants exist initially as aqueous solutions
- ✓ B. Insoluble barium sulphate forms in solution
- ✗ C. Sodium chloride remains dissolved in water
- ✗ D. Two ionic compounds exchange partners

Q.2 **A reaction between an acid and a base produces:**

Ans
- ✗ A. Only salt
- ✗ B. Only water
- ✓ C. Salt and water
- ✗ D. Hydrogen gas and metal

Q.3 **A zoologist observes a fixed aquatic animal with no tissue differentiation but efficient water filtration. Which of the following is most likely to happen if this animal was placed in a terrestrial environment?**

Ans
- ✓ A. It would desiccate due to inability to retain water
- ✗ B. It would use tentacles to trap moisture
- ✗ C. It would move to moist areas for survival
- ✗ D. It would close its pores to prevent drying

Q.4 **Calcium carbonate is heated to produce calcium oxide and carbon dioxide; this is a type of:**

Ans
- ✗ A. substitution reaction
- ✗ B. addition reaction
- ✓ C. decomposition reaction
- ✗ D. displacement reaction

Q.5 **Which of the following is secreted directly into the blood and carried to different parts of the body?**

Ans
- ✓ A. Adrenaline
- ✗ B. Bile juice
- ✗ C. Saliva
- ✗ D. Pancreatic juice

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Q.6 Which of the following organisms is likely to occupy more than one trophic levels?

Ans
- ✗ A. Rabbit
- ✗ B. Tiger
- ✓ C. Peacock
- ✗ D. Deer

Q.7 Which of the following is a correct statement about molecules of elements?

Ans
- ✗ A. They consist of two or more atoms of different elements.
- ✗ B. They are always monoatomic.
- ✓ C. They consist of two or more atoms of the same element.
- ✗ D. They can only exist in solid form.

Q.8 Which structure in an animal cell acts as the control centre and contains the genetic material?

Ans
- ✗ A. Ribosome
- ✗ B. Vacuole
- ✓ C. Nucleus
- ✗ D. Endoplasmic reticulum

Q.9 Alcohol is added to petrol mainly because it is a:

Ans
- ✓ A. Cleaner fuel additive
- ✗ B. Stronger fuel additive
- ✗ C. Heavier fuel additive
- ✗ D. Denser fuel additive

Q.10 A city implements stricter vehicle emission norms, reducing smog and ground-level ozone formation. Which spheres of earth are directly influenced by this policy?

Ans
- ✓ A. Atmosphere and biosphere
- ✗ B. Lithosphere and atmosphere
- ✗ C. Lithosphere and hydrosphere
- ✗ D. Hydrosphere and biosphere

Q.11 While operating a lever, which part serves as the fixed point around which the lever rotates?

Ans
- ✗ A. Load
- ✓ B. Fulcrum
- ✗ C. Effort
- ✗ D. Effort arm

Q.12 Which of the following elements has a mass number of 40 and atomic number of 20?

Ans
- ✗ A. Potassium
- ✓ B. Calcium
- ✗ C. Sodium
- ✗ D. Neon

Q.13 If a car moves with a speed of 10 m/s for 5 seconds, what distance does it cover?

Ans
- ✗ A. 100 meters
- ✗ B. 15 meters
- ✗ C. 5 meters
- ✓ D. 50 meters

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Q.14 **Which of the following best describes the slope of the velocity-time graph for uniform velocity?**

Ans

✗ A. The slope is negative and constant

✗ B. The slope changes at every point

✗ C. The slope is positive and constant

✓ D. The slope is zero at all points

Q.15 **A student wants to design a device where the magnetic field due to a straight conductor is maximized at a certain point. Which modification will be most effective in increasing the field strength at that point?**

Ans

✓ A. Increase the current through the conductor

✗ B. Place the conductor horizontally

✗ C. Use a non-magnetic wire material

✗ D. Increase the thickness of the wire

Q.16 **Which scenario best illustrates the use of a convex mirror based on the nature of its image?**

Ans

✗ A. A model uses it as a makeup mirror

✗ B. A student uses it to obtain a real, inverted image on paper

✓ C. A shopkeeper uses it to monitor a wide area inside the store

✗ D. A scientist uses it to focus sunlight for heating

Q.17 **Which of the following mixtures shows the Tyndall effect but the particles settle down on standing?**

Ans

✓ A. Suspension

✗ B. Compound

✗ C. Colloid

✗ D. Solution

Q.18 **Which statement best describes the mechanical advantage of a simple machine?**

Ans

✗ A. The rate at which the machine performs work

✗ B. The energy supplied to the machine

✗ C. The amount of work done by the machine

✓ D. The ratio of the load lifted to the effort applied

Q.19 **Why are all appliances in a domestic circuit connected in parallel?**

Ans

✗ A. To prevent short-circuiting in wires

✗ B. To reduce the number of switches needed

✓ C. To ensure each appliance gets equal potential difference

✗ D. To save electricity in the household

Q.20 **A student places a small object 20 cm from a concave mirror of focal length 10 cm. According to the mirror formula, what will be the image distance?**

Ans

✗ A. 10 cm behind the mirror

✓ B. 20 cm in front of the mirror

✗ C. 25 cm behind the mirror

✗ D. 15 cm in front of the mirror

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Q.21 A student wants to design an experiment to demonstrate the dispersion of white light using a glass prism. Which of the following procedures would best achieve this goal?

Ans

✗ A. Rotate a glass prism randomly in front of a white light source and record any color changes

✗ B. Use a concave mirror to reflect the white light onto a wall

✗ C. Pass white light through a convex lens and look for color changes on a distant wall

✓ D. Place a triangular glass prism in the path of a narrow white light beam and observe the emerging spectrum on a white screen

Q.22 Complete the analogy.
Mitochondria : Energy Release :: Chloroplast : _____.

Ans

✓ A. Food Synthesis

✗ B. Waste Removal

✗ C. Cell Digestion

✗ D. Genetic Transfer

Q.23 Which organ sends messages to muscles to carry out voluntary actions like writing or moving a chair?

Ans

✗ A. Heart

✓ B. Brain

✗ C. Stomach

✗ D. Lungs

Q.24 What type of bond is formed between a metal and a non-metal?

Ans

✗ A. Hydrogen bond

✓ B. Ionic bond

✗ C. Covalent bond

✗ D. Metallic bond

Q.25 Which statement correctly explains the role of decomposers in an ecosystem?

Ans

✓ A. They break down organic substances into simple inorganic substances

✗ B. They convert solar energy into chemical energy

✗ C. They occupy the first trophic level

✗ D. They increase atmospheric pollution

Section : **Mathematics**

Q.26 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 3 months.

Ans

✗ A. 11.25

✗ B. 22.50

✓ C. 135

✗ D. 31.25

Q.27 Rishabh and Neha started a business together. Rishabh invested ₹21,000 and Neha invested ₹35,000. At the end of two years, they earned a profit of ₹10,000. Find the share of Neha in the total profit.

Ans

✗ A. ₹6,520

✗ B. ₹6,205

✗ C. ₹6,025

✓ D. ₹6,250

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Q.28 ΔDEF and ΔXYZ are two triangles such that $\Delta XYZ \cong \Delta FDE$. If $XY = 23$ cm $\angle Y = 68°$ and $\angle X = 43°$, then which of the following options is correct?

Ans
- ✗ A. $DE = 23$ cm, $\angle D = 69°$
- ✓ B. $DF = 23$ cm, $\angle E = 69°$
- ✗ C. $DE = 23$ cm, $\angle E = 69°$
- ✗ D. $DF = 23$ cm, $\angle D = 69°$

Q.29 A vendor bought lemons at 28 for a rupee. How many must he sell for a rupee to gain 40%?

Ans
- ✗ A. 21
- ✗ B. 22
- ✓ C. 20
- ✗ D. 24

Q.30 In what ratio must rice at ₹20/kg be mixed with rice at ₹30/kg so that the average price is ₹25/kg?

Ans
- ✗ A. 5 : 3
- ✗ B. 3 : 2
- ✓ C. 1 : 1
- ✗ D. 2 : 3

Q.31 If $\sec\alpha + \tan\alpha = 9$, then $\tan\alpha$ is:

Ans
- ✗ A. $\frac{81}{80}$
- ✓ B. $\frac{40}{9}$
- ✗ C. $\frac{80}{81}$
- ✗ D. $\frac{9}{40}$

Q.32 The diagonals of a rhombus measure 30 cm and 40 cm. Find the area and perimeter of the rhombus.

Ans
- ✗ A. Perimeter = 140 cm, Area = 800 cm²
- ✓ B. Perimeter = 100 cm, Area = 600 cm²
- ✗ C. Perimeter = 130 cm, Area = 700 cm²
- ✗ D. Perimeter = 100 cm, Area = 500 cm²

Q.33 Varun can prepare one wooden table in 2 days, and Ashish can prepare the same table in 4 days. If they work together, in how many days will they prepare 123 tables of the same kind?

Ans
- ✗ A. 166
- ✗ B. 168
- ✗ C. 160
- ✓ D. 164

Q.34 In an election between two candidates, 18% of the registered voters did not cast their votes, and 750 of the votes cast were declared invalid. The winning candidate secured 70% of the valid votes and won by a margin of 4,620 votes. Find the total number of registered voters.

Ans
- ✓ A. 15,000
- ✗ B. 16,200
- ✗ C. 16,700
- ✗ D. 15,600

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Q.35 A cylindrical tank of radius 7 cm contains water up to a height of 20 cm. This water is poured into another cylindrical tank of radius 14 cm. What is the height of water in the second tank?

Ans

✗ A. 6 cm

✓ B. 5 cm

✗ C. 7 cm

✗ D. 8 cm

Q.36 What is the value that must be assigned to A so that the number 391A6922 is divisible by 11?

Ans

✗ A. 7

✗ B. 6

✓ C. 3

✗ D. 5

Q.37 At what rate of interest per annum will a sum of money become 57 times its original amount in 2 years, if the interest is compounded annually? (Round off your answer to the nearest integer.)

Ans

✗ A. 653%

✗ B. 662%

✓ C. 655%

✗ D. 660%

Q.38 A car starts at a speed of 52 km/hr and increases its speed for every 30 minutes by 7 km/hr. Find the average speed (in km/hr) of the car for 3 hours.

Ans

✓ A. 69.5

✗ B. 70.2

✗ C. 65.6

✗ D. 60.8

Q.39 What is the value of (7x + 4y), if mean of the following distribution is 53?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	2	10	x	4	y	40

Ans

✗ A. 124

✗ B. 133

✓ C. 144

✗ D. 154

Q.40 If $3^{(n+1)} = 27 \times 9^n$, find the value of n.

Ans

✓ A. -2

✗ B. 2

✗ C. 6

✗ D. 4

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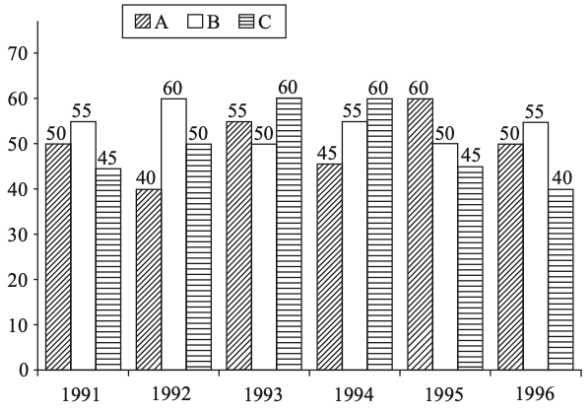
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Q.41 Simplify: $\frac{\cot A + \operatorname{cosec} A - 1}{\cot A - \operatorname{cosec} A + 1}$

Ans
- ✔ A. $\frac{1 + \cos A}{\sin A}$
- ✘ B. $\frac{1 - \cos A}{\sin A}$
- ✘ C. $\frac{\cos A}{\sin A}$
- ✘ D. $\frac{1 - \operatorname{cosec} A}{1 + \operatorname{cosec} A}$

Q.42 Study the given graph carefully and answer the question that follows.

Production of scooters by three companies in a year (in 1000s)



What is the percentage decrease in production of scooters of company B from 1992 to 1993 rounded off to one decimal place?

Ans
- ✘ A. 19.2%
- ✘ B. 17.2%
- ✘ C. 18.3%
- ✔ D. 16.7%

Q.43 A's age is 5 years more than twice B's age. If B is 8 years old, what is A's age?

Ans
- ✘ A. 18 years
- ✘ B. 16 years
- ✘ C. 19 years
- ✔ D. 21 years

Q.44 S1, S2 and S3 are three shops in a straight line on a river, which flows at a constant speed from S1 towards S3. S2 is equidistant between S1 and S3. Seerat rows his boat to purchase an item from S1 to S2 and back in 12.5 hours and he can row from shop S1 to S3 in 9.5 hours. Compare the speed of his boat in still water to that of the river.

Ans
- ✔ A. 25 : 6
- ✘ B. 8:1
- ✘ C. 8:3
- ✘ D. 25 : 8

Q.45 The following numbers are given in ascending order of their magnitudes.

20, 22, 25, 30, x − 11, x − 8, x − 3, 52, 60 and 68. Find the value of x if the median of the data is 39.

Ans
- ✘ A. 46.7
- ✘ B. 44.6
- ✔ C. 48.5
- ✘ D. 43.5

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Q.46 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 12% and 37%, shop II allows successive discounts of 54% and 63%, shop III allows successive discounts of 28% and 83% and shop IV allows successive discounts of 19%, 59% and 25% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✗ A. IV
- ✓ B. III
- ✗ C. II
- ✗ D. I

Q.47 The expenditure of Sudha is 150% more than her savings. If her expenditure decreases by 12% and savings increase by 37%, then by what percent does her income increase?

Ans
- ✗ A. 3%
- ✗ B. 7%
- ✓ C. 2%
- ✗ D. 5%

Q.48 Arvind's income at first increased by 19% and later on increased again by 10%. Find the total percentage increase.

Ans
- ✗ A. 30%
- ✗ B. 29%
- ✓ C. 30.9%
- ✗ D. 28.2%

Q.49 Which of the following number pairs is NOT co-prime?

Ans
- ✗ A. (137, 221)
- ✗ B. (101, 107)
- ✓ C. (143, 286)
- ✗ D. (211, 337)

Q.50 If the value of A:B:C is 3:5:6, then $\frac{A}{B}:\frac{B}{C}:\frac{C}{A}$ is equal to:

Ans
- ✗ A. 12:25:55
- ✗ B. 15:25:62
- ✓ C. 18:25:60
- ✗ D. 12:34:65

Section : General Intelligence and Reasoning

Q.51 71 is related to 427 following a certain logic. Following the same logic, 85 is related to 511. To which of the given options is 93 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 542
- ✗ B. 597
- ✗ C. 580
- ✓ D. 559

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Q.52 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
Only I sits to the right of R. Only three people sit to the left of Z. Only three people sit between R and K. P sits at some place to the left of J but at some place to the right of Q.
How many people sit between Q and J?

Ans
- ✗ A. Four
- ✓ B. Three
- ✗ C. One
- ✗ D. Two

Q.53 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?

: QMG :: XKR : %

Ans
- ✓ A. # = ONF, % = ZJS
- ✗ B. # = SOF, % = UMP
- ✗ C. # = ONH, % = ZHQ
- ✗ D. # = SNF, % = UJS

Q.54 If 'P' stands for '+', 'R' stands for '×', 'Q' stands for '–' and 'S' stands for '÷', what will come in place of the question mark (?) in the following equation?

17 P 7 Q 5 S 5 R 16 = ?

Ans
- ✓ A. 8
- ✗ B. 10
- ✗ C. 9
- ✗ D. 16

Q.55 This question is based on the given words.

ZED OWL LAG JAM

How many letters are there in the English alphabetical order between the third letter of the third word from the right and the first letter of the first word from the left?

Ans
- ✓ A. 13
- ✗ B. 16
- ✗ C. 14
- ✗ D. 12

Q.56 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only four boxes are kept above K. Only one box is kept above Q. Only one box is kept between Q and I. R is kept immediately above J. S is kept at some place below T. How many boxes are kept between T and J?

Ans
- ✓ A. Five
- ✗ B. Two
- ✗ C. Three
- ✗ D. Four

Q.57 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans
- ✗ A. MKJ
- ✗ B. OML
- ✓ C. XVT
- ✗ D. IGF

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Q.58 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
4 - 14 - 28 - 42;
2 - 12 - 24 - 36

Ans
✔ A. 7 - 17 - 34 - 51
✘ B. 6 - 36 - 72 - 82
✘ C. 3 - 13 - 26 -52
✘ D. 5 - 25 - 50 - 75

Q.59 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Five friends – R, S, T, U, and V – are sitting around a circular table facing the centre. Who is sitting immediately to the right of R?
(I) S sits immediately to the left of R, and T sits immediately to the right of U.
(II) U is an immediate neighbour of both T and V.

Ans
✘ A. Both statements I and II together are NOT sufficient to answer the question.
✔ B. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
✘ C. Data in statement I alone is sufficient to answer the question while data in statement II is not.
✘ D. Data in statement II alone is sufficient to answer the question while data in statement I is not.

Q.60 What should come in place of the question mark (?) in the given series?

33, 37, 45, 57, 73 ?

Ans
✘ A. 94
✔ B. 93
✘ C. 95
✘ D. 92

Q.61 If 'R' stands for '÷' and 'S' stands for '+', what will come in place of the question mark (?) in the following equation?

48 R 4 S 7 = ?

Ans
✔ A. 19
✘ B. 18
✘ C. 21
✘ D. 20

Q.62 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 9 7 6 2 5 4 8 3 6 4 2 5 8 3 1 5 2 6 9 8 6 4 9 (Right)

How many such even digits are there, each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans
✘ A. Three
✔ B. Two
✘ C. None
✘ D. One

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Q.63 This question is based on the given words.

APE CAR FAR RED

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✗ A. None
- ✗ B. One
- ✗ C. Two
- ✓ D. Three

Q.64 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Ari, Bitu, Cema, Dani and Eta are sitting around a circular table, facing the centre. Who sits to the immediate right of Dani?
(I) Dani sits second to the right of Cema. Eta sits second to the right of Dani.
(II) Eta sits to the immediate left of Cema. Dani sits third to the left of Cema.

Ans
- ✗ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✓ B. Data in statements I and II together are NOT sufficient to answer the question.
- ✗ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✗ D. Data in statement I alone is sufficient to answer the question while data in statement II is not.

Q.65 What should come in place of ? in the given series based on the English alphabetical order?

AHYK XDCP UZGU RVKZ ?

Ans
- ✗ A. PRPE
- ✗ B. PSPD
- ✗ C. OSOD
- ✓ D. OROE

Q.66 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question: A, B, C, D, and E have scored different marks. Among them, who scored the second highest?
Statements:
(I) D scored more than B, C, and A but less than E.
(II) C scored more than A and B.

Ans
- ✗ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✗ B. Both statements I and II together are NOT sufficient to answer the question
- ✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✓ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Q.67 JUVM is related to YJKB in a certain way based on the English alphabetical order. In the same way, RCDU is related to GRSJ. To which of the following options is KVWN related, following the same logic?

Ans
- ✗ A. ZKLO
- ✗ B. ZCLO
- ✓ C. ZKLC
- ✗ D. ZLKI

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Q.68 A, B, C, D, E and F are sitting around a circular table, facing the centre.
F sits third to the right of A. D sits to the immediate left of E. E is not an immediate neighbour of A. B sits to the immediate right of C.
The position(s) of how many persons will remain unchanged if all persons are arranged in alphabetical order in clockwise direction starting from A?

Ans
- ✗ A. Three
- ✓ B. Four
- ✗ C. Two
- ✗ D. One

Q.69 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) 6 N % 4 & H 7 @ 3 S 6 # G F ! 5 R 3 * D $ (Right)

How many such symbols are there, which are immediately preceded by a letter and also immediately followed by a number?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. None
- ✗ D. One

Q.70 Jiya ranked 22^{nd} from the bottom and 27^{th} from the top in his class. How many students are there in his class?

Ans
- ✗ A. 45
- ✗ B. 46
- ✓ C. 48
- ✗ D. 47

Q.71 Each letter in the word VARLETS is changed to the letter immediately following it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans
- ✗ A. M
- ✗ B. T
- ✗ C. U
- ✓ D. S

Q.72 V is the wife of M. M is the father of L. P is the brother of G. L is the sister of P. How is V related to G?

Ans
- ✓ A. Mother
- ✗ B. Daughter
- ✗ C. Wife
- ✗ D. Sister

Q.73 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✓ A. HJL
- ✗ B. PRU
- ✗ C. DFI
- ✗ D. KMP

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Q.74 Each letter in the word DISPLACE is changed to the letter immediately following it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which of the following letters will be fourth from the right in the new group of letters thus formed?

Ans

✗ A. E

✓ B. J

✗ C. F

✗ D. M

Q.75 In a certain code language,

'A + B' means 'A is the son of B',
'A @ B' means 'A is the sister of B',
'A # B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is Q related to H if 'Q + W ÷ R @ G # H'?

Ans

✗ A. Wife's father

✗ B. Father

✓ C. Wife's brother

✗ D. Brother

Q.76 Each of the digits in the number 8231954 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans

✗ A. 12

✓ B. 10

✗ C. 9

✗ D. 11

Q.77 Refer to the following letter, symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) M $ D = < B U % G P + K & V # L T N @ F £ * N (Right)
How many such symbols are there, each of which are immediately preceded by a symbol and immediately followed by a letter?

Ans

✓ A. Two

✗ B. None

✗ C. One

✗ D. Three

Q.78 Mr. Tosi starts from Point A and drives 17 km towards the south. He then takes a right turn, drives 25 km, turns right and drives 24 km. He then takes a right turn and drives 29 km. He takes a final right turn, drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans

✗ A. 5 km to the east

✓ B. 4 km to the west

✗ C. 6 km to the south

✗ D. 4 km to the north

Q.79 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

IWD : LYE
RAU : UCV

Ans

✓ A. LES : OGT

✗ B. HYR : KAL

✗ C. JTA : MVA

✗ D. GOX : JQZ

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Q.80 P, Q, R, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
U lives on the topmost floor. Only three people live between U and Q. P lives on a floor below Q. S lives on an even-numbered floor. R lives on an odd-numbered floor but not on floor number 5.
How many people live between T and Q?

Ans
- ✗ A. Four
- ✗ B. Three
- ✓ C. Two
- ✗ D. One

Section : **General Awareness and Current Affairs**

Q.81 In 2026, Prime Minister Narendra Modi received the "Agricola Medal" from which international organization?

Ans
- ✗ A. UNESCO
- ✓ B. Food and Agriculture Organization (FAO)
- ✗ C. International Monetary Fund (IMF)
- ✗ D. World Bank

Q.82 Which of the following individuals released the coffee table book 'Atal Bihari Vajpayee: The Eternal Statesman' in February 2026 at Dr. Ambedkar International Centre, New Delhi?

Ans
- ✓ A. C. P. Radhakrishnan
- ✗ B. Haribhau Kisanrao Bagde
- ✗ C. Prof. Ashim Kumar Ghosh
- ✗ D. Arif Mohammed Khan

Q.83 In which city was the India-AI Impact Summit 2026 held from 16–20 February 2026?

Ans
- ✗ A. Hyderabad
- ✗ B. Bengaluru
- ✓ C. New Delhi
- ✗ D. Mumbai

Q.84 Who launched the SAHI and BODH initiatives to strengthen the responsible health AI ecosystem at the 'India AI Impact Summit 2026'?

Ans
- ✓ A. Jagat Prakash Nadda
- ✗ B. Dharmendra Pradhan
- ✗ C. Nitin Gadkari
- ✗ D. Nirmala Sitharaman

Q.85 Which country won the 2026 Men's Six Nations rugby union championship, securing its second consecutive title?

Ans
- ✗ A. Scotland
- ✗ B. England
- ✗ C. Italy
- ✓ D. France

Q.86 Which organisation signed a Memorandum of Understanding with the Spices Board of India in May 2026 to strengthen the global promotion of Ayush products and medicinal spices?

Ans
- ✗ A. Tribal Cooperative Marketing Development Federation of India
- ✓ B. AYUSHEXCIL (Ayush Export Promotion Council)
- ✗ C. Agricultural and Processed Food Products Export Development Authority
- ✗ D. Ayurvedic and Unani Health Services Export Council

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Q.87 As part of the pre-summit "Lion Species Spotlight Event" of the 1st International Big Cat Alliance (IBCA) Summit 2026, which protected area in Gujarat was chosen to showcase the conservation of the world's only wild population of Asiatic lions?

Ans
- ✗ A. Vansda National Park and Wildlife Sanctuary
- ✗ B. Marine National Park and Wildlife Sanctuary
- ✓ C. Gir National Park and Wildlife Sanctuary
- ✗ D. Velavadar National Park and Wildlife Sanctuary

Q.88 Which badminton player won the 2026 Malaysia Open women's singles title held in Kuala Lumpur in January 2026 by defeating China's Wang Zhiyi in straight games to secure a third consecutive championship?

Ans
- ✗ A. Akane Yamaguchi
- ✓ B. An Se-young
- ✗ C. Tai Tzu-ying
- ✗ D. Chen Yufei

Q.89 Which senior IAS officer was appointed as the new chief of the Directorate General of Civil Aviation in 2026?

Ans
- ✓ A. Vir Vikram Yadav
- ✗ B. Ashok Lahiri
- ✗ C. Shashi Shekhar Vempati
- ✗ D. Sanjay Kumar

Q.90 Which Indian athlete won gold in the Men's Long Jump at the Indian Athletics Series 1 in April 2026?

Ans
- ✗ A. Neeraj Chopra
- ✗ B. Muhammed Anees Yahiya
- ✗ C. Jeswin Aldrin
- ✓ D. Murali Sreeshankar

Q.91 Which indigenous artillery system received DAC approval in March 2026 to enhance the Indian Army's capability to engage targets at longer ranges with enhanced lethality?

Ans
- ✗ A. T-90 Gun System
- ✗ B. Pinaka Mk-II System
- ✗ C. M-777 Howitzer
- ✓ D. Dhanush Gun System

Q.92 What was the overall National Labour Force Participation Rate (LFPR) recorded for persons aged 15 years and above in April 2026?

Ans
- ✓ A. 55.0%
- ✗ B. 47.5%
- ✗ C. 50.1%
- ✗ D. 65.4%

Q.93 Who among the following took oath as the Chief Minister of Tamil Nadu in India in May 2026?

Ans
- ✗ A. M. K. Alagiri
- ✓ B. C. Joseph Vijay
- ✗ C. K. Annamalai
- ✗ D. Edappadi K. Palaniswami

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Q.94 Which book had been released by Sudha Murty in April 2026 highlighting Indian parliamentary history through mural panels in Samvidhan Sadan?

Ans

✗ A. Tides of History: Murals of Ancient Indian Parliamentary Art

✗ B. Echoes from the Past: Murals of the Indian Parliament

✓ C. Tides of Time: Bharat's History through Murals in Parliament

✗ D. Echoes of Antiquity: Bharat's Parliamentary Mural Journeys

Q.95 From October 1, 2025, who became eligible to receive working capital loans using gold as raw material, as per Reserve Bank of India reforms?

Ans

✗ A. All banks

✓ B. Manufacturers

✗ C. Only jewellers

✗ D. Foreign investors

Q.96 In February 2026, Indian weightlifter Mirabai Chanu broke three national records after returning to competition. In which women's weight category did she achieve this feat?

Ans

✓ A. 48 kg

✗ B. 68 Kg

✗ C. 54 Kg

✗ D. 72 Kg

Q.97 The United Arab Emirates (UAE) announced its withdrawal in April 2026 from which international oil-producing organisation, ending its membership that had continued since 1967?

Ans

✗ A. International Energy Agency (IEA)

✗ B. International Renewable Energy Agency (IRENA)

✗ C. World Trade Organization (WTO)

✓ D. Organization of the Petroleum Exporting Countries (OPEC)

Q.98 According to India's updated Nationally Determined Contribution (NDC) approved in March 2026, what is the target share of non-fossil fuel-based resources in installed electric power capacity by 2035?

Ans

✗ A. 40%

✗ B. 50%

✗ C. 47%

✓ D. 60%

Q.99 Which state government allocated funds in its 2026–27 Budget for the comprehensive development of Jain, Buddhist, and Sikh communities, including a monthly honorarium for Buddhist Dhammacharis?

Ans

✗ A. Tamil Nadu

✗ B. Telangana

✓ C. Karnataka

✗ D. Maharashtra

Q.100 Which of the following organisations successfully conducted the maiden flight-tests of the Integrated Air Defence Weapon System (IADWS) in August 2025?

Ans

✗ A. Indian Space Research Organisation

✓ B. Defence Research and Development Organisation

✗ C. Bharat Dynamics Limited

✗ D. Bharat Earth Movers Limited

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CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	20/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **When Plaster of Paris ($CaSO_4 \cdot \frac{1}{2}H_2O$) is mixed with water, it becomes hard. Which process is responsible for this hardening?**

Ans

✔ A. Rehydration to form gypsum

✘ B. Neutralization between acid and base

✘ C. Oxidation of calcium ions

✘ D. Dehydration of calcium sulphate

Q.2 **Which statement best explains the difference between a low pitch sound and a high pitch sound?**

Ans

✘ A. A low pitch sound has a higher frequency than a high pitch sound.

✘ B. A low pitch sound is always louder than a high pitch sound.

✔ C. A low pitch sound has a lower frequency compared to a high pitch sound.

✘ D. A low pitch sound and a high pitch sound have the same frequency.

Q.3 **A zoologist identifies the Lion-tailed macaque population declining due to fragmentation of its forest habitat. Which is the most likely ecological consequence if this trend continues?**

Ans

✔ A. Loss of endemic species unique to the region

✘ B. Spread of invasive species from outside

✘ C. Increase in migratory bird populations

✘ D. Introduction of common widespread species

Q.4 **Which of the following best explains why an echo is heard when a sound is produced near a large, flat wall?**

Ans

✘ A. Sound waves pass directly through the wall and reappear on the other side.

✘ B. The wall vibrates and produces a new sound identical to the original.

✘ C. Sound is absorbed by the wall and then emitted slowly.

✔ D. Sound waves reflect off the wall and return to the listener after a short delay.

Q.5 **When zinc reacts with dilute HCl, the reaction can be classified as:**

Ans

✔ A. Displacement reaction

✘ B. Double decomposition reaction

✘ C. Combination reaction

✘ D. Neutralization reaction

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Q.6 The electron was discovered by:

Ans
- ✗ A. Dalton
- ✓ B. J. J. Thomson
- ✗ C. Rutherford
- ✗ D. Neils Bohr

Q.7 A 6 kg body is subjected to a force that brings it from rest to a velocity of 18 m/s in 3 seconds. What is the value of the force?

Ans
- ✗ A. 54 N
- ✓ B. 36 N
- ✗ C. 12 N
- ✗ D. 18 N

Q.8 A family wants to minimize the risk of electrical fires in their home. Which of the following practices involving electricity is/are most effective in achieving this goal?

Ans
- ✗ A. Relying on extension cords for all appliances in the home.
- ✗ B. Using only low-power electrical appliances in all rooms.
- ✗ C. Increasing the number of power outlets in each room.
- ✓ D. Using circuit breakers and regularly checking wiring for faults.

Q.9 An object of mass 12.5 kg is lifted to a height of 8 m. (Take g = 10 m/s^2.) Its potential energy is _____.

Ans
- ✗ A. 100 J
- ✗ B. 800 J
- ✓ C. 1000 J
- ✗ D. 1250 J

Q.10 The reproductive cells such as sperm and eggs produced through meiosis are known as _____.

Ans
- ✗ A. Organelles
- ✗ B. Inclusions
- ✓ C. Gametes
- ✗ D. Tissues

Q.11 Which of the following statements regarding biodegradable waste is correct?

Ans
- ✓ A. It can be decomposed by biological processes
- ✗ B. It consists of man-made substances
- ✗ C. It persists in the environment
- ✗ D. It cannot be recycled

Q.12 Which scenario best demonstrates the first law of motion as stated by Newton regarding an object's tendency to maintain its state of at rest or uniform motion?

Ans
- ✗ A. A tree sways in the wind
- ✓ B. A book lying on a table stays still until someone pushes it
- ✗ C. A ball rolling down a hill accelerates
- ✗ D. A car speeds up as the driver presses the accelerator

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Q.13 A taxonomist is classifying a microscopic organism that is unicellular, has a true nucleus, and moves using cilia. Which kingdom is most appropriate for its classification?

Ans
- ✗ A. Plantae
- ✗ B. Fungi
- ✗ C. Monera
- ✓ D. Protista

Q.14 Tobacco consumption mainly affects which organ system first?

Ans
- ✗ A. Skeletal system including bones and joints
- ✗ B. Excretory system including kidneys and bladder
- ✗ C. Digestive system including stomach and intestines
- ✓ D. Respiratory system including lungs and airways

Q.15 Complete the analogy.
Mitosis : 2 Daughter Cells :: Meiosis : _____

Ans
- ✗ A. 8 Daughter Cells
- ✗ B. 3 Daughter Cells
- ✗ C. 1 Daughter Cell
- ✓ D. 4 Daughter Cells

Q.16 The amount of energy released during aerobic respiration in animals is _____ that released during anaerobic respiration.

Ans
- ✗ A. Equal to
- ✓ B. Greater than
- ✗ C. Lesser than
- ✗ D. Slower than

Q.17 Object A (3 kg) moves at 4 m/s, and object B (6 kg) moves at 2 m/s. Which object has greater kinetic energy?

Ans
- ✓ A. Object A
- ✗ B. Object B
- ✗ C. Both have equal kinetic energy
- ✗ D. Cannot be determined

Q.18 Why does a soap solution appear cloudy?

Ans
- ✗ A. Because hydrocarbons are soluble in water
- ✗ B. Because dirt is suspended in water
- ✗ C. Because soap molecules dissolve completely
- ✓ D. Because soap micelles are large enough to scatter light

Q.19 Which condition will slow down rancidity in oily food items ?

Ans
- ✓ A. Storage in airtight containers flushed with nitrogen
- ✗ B. Exposure to sunlight
- ✗ C. Presence of moisture
- ✗ D. Storage at high temperature

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Q.20 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

Assertion (A): In oxidation reactions, the colour of potassium permanganate disappears initially.
Reason (R): Potassium permanganate reacts with alcohols and gets reduced, causing decolourisation.

Ans
- ✗ A. Both A and R are true, and R is not the correct explanation of A.
- ✗ B. A is false, but R is true.
- ✓ C. Both A and R are true, and R is the correct explanation of A.
- ✗ D. A is true, but R is false.

Q.21 Which of the following environmental stimulus causes roots to grow away from itself?

Ans
- ✗ A. Air
- ✓ B. Light
- ✗ C. Water
- ✗ D. Gravity

Q.22 A colloidal solution is a type of:

Ans
- ✓ A. Heterogeneous mixture
- ✗ B. Pure substance
- ✗ C. True solution
- ✗ D. Homogeneous mixture

Q.23 An atom of element X has a mass number of 37 and contains 20 neutrons. What is the atomic number of X, and which element does it represent?

Ans
- ✗ A. 18, Argon
- ✗ B. 19, Potassium
- ✓ C. 17, Chlorine
- ✗ D. 20, Calcium

Q.24 If the resistance in a circuit is doubled and the current remains constant, what happens to the amount of heat produced in the resistor over the same time period?

Ans
- ✗ A. It remains unchanged
- ✗ B. It halves
- ✓ C. It doubles
- ✗ D. It quadruples

Q.25 A sound wave has a frequency of 500 Hz and travels at 340 m/s. What is its wavelength?

Ans
- ✓ A. Its wavelength is 0.68 meters
- ✗ B. Its wavelength is 0.34 meters
- ✗ C. Its wavelength is 1.47 meters
- ✗ D. Its wavelength is 170 meters

Section : **Mathematics**

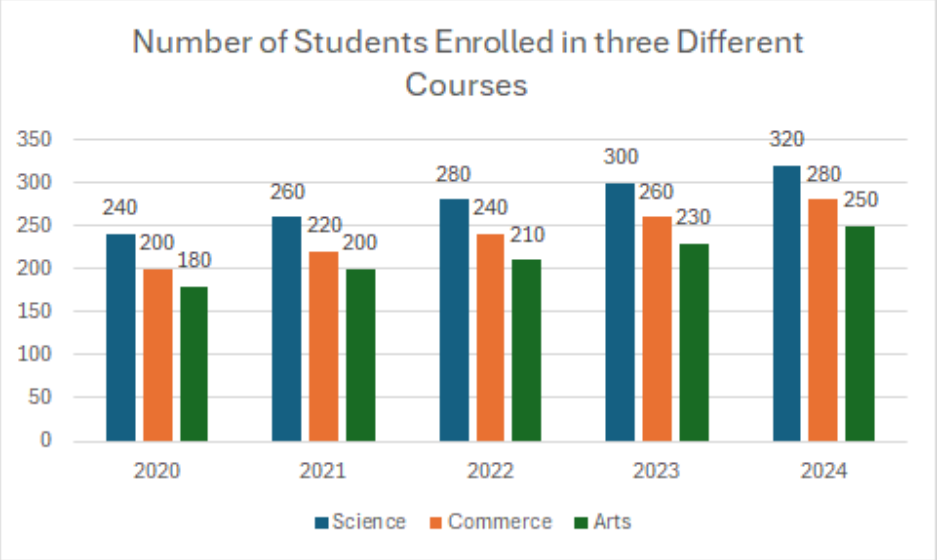
Q.26 If $\tan A + \cot A = 2$, then the value of $\tan^{\frac{3}{4}} A + \cot^{\frac{5}{9}} A$ is:

Ans
- ✗ A. −1
- ✓ B. 2
- ✗ C. 0
- ✗ D. 1

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Q.27 **The multiple bar graph below represents the number of students enrolled in three different courses (Science, Commerce and Arts) in a college over five years.**



What was the average number of Commerce students enrolled over the given five years?

Ans

✗ A. 244

✗ B. 242

✗ C. 246

✓ D. 240

Q.28 **Renu purchased an old scooter for ₹14,500 and spent ₹3,500 on its repair. Then he sold it at a profit of ₹3,500 to Rohit. Rohit got the scooter painted for ₹1,200 and sold it to Mukesh at 10% profit. What amount did Mukesh pay for the scooter?**

Ans

✗ A. ₹24,530

✗ B. ₹25,240

✗ C. ₹23,840

✓ D. ₹24,970

Q.29 **Evaluate: 16 - 5 × 3 + 18**

Ans

✗ A. 18

✗ B. 17

✗ C. 21

✓ D. 19

Q.30 **Ashok can prepare one wooden chair in 2 days and Robin can prepare the same chair in 4 days. If they work together, in how many days will they prepare 120 chairs of the same kind?**

Ans

✗ A. 156

✗ B. 162

✓ C. 160

✗ D. 164

Q.31 **A train passes a station platform in 70 seconds and a man standing on the platform in 40 seconds. If the speed of the train is 90 km/hr, calculate the length of the platform.**

Ans

✗ A. 780 m

✓ B. 750 m

✗ C. 720 m

✗ D. 760 m

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Q.32 In measuring the sides of a rectangular park, if one side is taken 6% in excess and the other is taken 5% in deficit, what is the error percent in the area calculation?

Ans

✗ A. 0.7% decrease

✓ B. 0.7% increase

✗ C. No change

✗ D. 0.2% increase

Q.33 In how many years will a sum of ₹64,000 at the rate of 10% per annum compounded semi-annually become ₹74,088?

Ans

✓ A. $1\frac{1}{2}$

✗ B. $2\frac{1}{2}$

✗ C. $2\frac{1}{4}$

✗ D. $1\frac{1}{4}$

Q.34 A certain amount of money grows to ₹752 at the end of 20 years and to ₹7,896 at the end of 21 years at a fixed annual compound interest rate. Find the annual rate of compound interest.

Ans

✗ A. 8.5%

✓ B. 950%

✗ C. 9.5%

✗ D. 850%

Q.35 If $\frac{1+\cos\theta}{1-\cos\theta}=\frac{m^2}{n^2}$, then the value of $\left[\frac{m^2+n^2}{mn}\right]$ is:

Ans

✗ A. $\text{cosec}\theta+\cot\theta$

✓ B. $2\text{cosec}\theta$

✗ C. $2+\cos\theta$

✗ D. $(\sec\theta+\tan\theta)^2$

Q.36 What is the least value that must be assigned to A so that the number 469A1423 is divisible by 3?

Ans

✗ A. 4

✗ B. 6

✗ C. 5

✓ D. 1

Q.37 The length, breadth and height of a cuboid are in the ratio of 8:5:3 and its total surface area is 1422 cm^2. Find the volume of the cuboid.

Ans

✓ A. 3240 cm^3

✗ B. 3860 cm^3

✗ C. 3520 cm^3

✗ D. 3780 cm^3

Q.38 The internal angular bisectors of angles A and B of ΔABC intersect at O. If $\angle AOB = 94^\circ$, then find $\angle ACB$.

Ans

✓ A. 8°

✗ B. 22°

✗ C. 24°

✗ D. 16°

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Q.39 The weights of 25 students are given below. Find the arithmetic mean of the data.

Weight	65	66	67	68	69
No. of Students	8	6	4	4	3

Ans

✗ A. 56.84

✗ B. 67.43

✗ C. 64.32

✓ D. 66.52

Q.40 Three business partners, A, B, and C, agree to divide their total profit for a certain year in the ratios 3 : 4 : 5. If B's share was ₹24,000, what was the total profit of the business partners for the year?

Ans

✗ A. ₹76,000

✓ B. ₹72,000

✗ C. ₹64,000

✗ D. ₹56,000

Q.41 The marked price of a cooker is same at four shops I, II, III and IV. Shop I allows two successive discounts of 90% and 41%, shop II allows successive discounts of 19% and 65%, shop III allows successive discounts of 24% and 13% and shop IV allows successive discounts of 78%, 73% and 12% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✓ A. IV

✗ B. I

✗ C. II

✗ D. III

Q.42 A class has 60 students, and the ratio of boys to girls is 2:3. If 2 boys and 3 girls are added to the class, what is the new ratio of boys to girls?

Ans

✓ A. 2:3

✗ B. 3:4

✗ C. 4:3

✗ D. 3:2

Q.43 Two persons, A and B, start from opposite ends of a 325 km road and travel toward each other. A's speed is 70 km/h and B's speed is 50 km/h. If A starts 30 minutes after B, how long after B's start will they meet?

Ans

✗ A. 5 h

✓ B. 3 h

✗ C. 4 h

✗ D. 6 h

Q.44 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 5 months.

Ans

✗ A. 37.5

✓ B. 225

✗ C. 38.75

✗ D. 18.75

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Q.45 A road roller makes 955 complete revolutions to level a road. If the roller has a diameter of 56 cm and a length of 0.8 m, what is the total area of the road covered?

$\left(\text{Take } \pi = \frac{22}{7}\right)$

Ans

✗ A. 1420.35 m^2

✗ B. 1230.28 m^2

✓ C. 1344.64 m^2

✗ D. 1117.56 m^2

Q.46 A molecular compound contains atoms A and B, where their counts per molecule are the 5^{th} and 7^{th} prime numbers from starting, respectively. The compound consists of 10 identical molecules. After a reaction, the number of B atoms per molecule doubles, and C atoms (equal to the 3^{rd} prime number from starting) are added. What is the total number of A, B, and C atoms in all 10 molecules after the reaction?

Ans

✗ A. 550

✗ B. 330

✓ C. 500

✗ D. 690

Q.47 The mean of the present ages of a father and his son is 31 years. After 20 years, the father will be twice as old as his son. What is the ratio of the present ages of the son and the father?

Ans

✓ A. 7 : 24

✗ B. 5 : 21

✗ C. 3 : 7

✗ D. 2 : 5

Q.48 The cost of painting one of the rooms of Neha is ₹5000. Next year, the cost is increased to ₹5500. Find the percentage change.

Ans

✓ A. Increased by 10%

✗ B. Increased by 0.1%

✗ C. Increase by 7.5%

✗ D. Increase by 5%

Q.49 The mean and the mode of a set of data are 65 and 79.7, respectively. Find the median of the data, using the empirical formula.

Ans

✗ A. 71.1

✗ B. 69.8

✗ C. 71.7

✓ D. 69.9

Q.50 A school has two sections A and B, with 30 and 40 students, respectively. The average score in a Mathematics test of section A is 75, while the average score of section B is 80. What is the average score (rounded off to two decimal places) of the entire class?

Ans

✗ A. 78.53

✗ B. 76.54

✓ C. 77.86

✗ D. 79.57

Section : **General Intelligence and Reasoning**

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Q.51 In a certain code language, 'DIAL' is coded as '3615' and 'LEAD' is coded as '5213'. What is the code for 'I' in the given code language?

Ans
- ✗ A. 2
- ✗ B. 5
- ✓ C. 6
- ✗ D. 1

Q.52 Each of Abhishek, Jai, Kanika, Meena, Reena, Sunny and Teena has exam on a different day of a week starting from Monday and ending on Sunday of the same week.
Only two people have exam between Reena and Sunny.
Only one person has exam between Jai and Abhishek.
Only two people have exam between Sunny and Kanika.
Meena has exam immediately before Jai.
Kanika does not have exam on any of the days before Jai.
Three of the following four options are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does NOT belong to that group?

Ans
- ✓ A. Kanika and Reena
- ✗ B. Jai and Sunny
- ✗ C. Abhishek and Teena
- ✗ D. Reena and Meena

Q.53 The position(s) of how many letters will remain unchanged if each of the letters in the word SUBSTANTIAL is arranged in the reverse English alphabetical order?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. Four
- ✗ D. One

Q.54 Six friends E, F, G, H, L and M are sitting in a straight line, facing north. Only four people sit between L and M. E sits to the immediate left of M. Only one person sits between E and H. G sits at some place to the left of F. How many people sit between F and G?

Ans
- ✗ A. Two
- ✗ B. Three
- ✗ C. Four
- ✓ D. One

Q.55 Each of the digits in the number 5274381 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans
- ✗ A. Three
- ✗ B. One
- ✗ C. None
- ✓ D. Two

Q.56 NP 23 is related to OL 11 in a certain way. In the same way, EG 21 is related to FC 9. To which of the following is PK 16 related, following the same logic?

Ans
- ✗ A. RH 6
- ✓ B. QG 4
- ✗ C. RG 4
- ✗ D. QH 6

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Q.57 In a certain code language,
A ₹ B means 'A is the father of B',
A ≤ B means 'A is the mother of B',
A ÷ B means 'A is the daughter of B' and
A ≠ B means 'A is the wife of B'.

Based on the above, how is P related to R if 'P ≠ A ₹ G ≤ E ÷ R'?

Ans
- ✗ A. Wife's mother's sister
- ✓ B. Wife's mother
- ✗ C. Wife's sister
- ✗ D. Wife's father

Q.58 B, D, E, P, S, T and W are sitting around a circular table, facing the centre of the table. Only one person sits between E and P when counted from the right of E. Only one person sits between P and W. Only one person sits between E and T. Only two people sit between D and W. Only one person sits between S and T.
Who sits to the immediate right and left of B respectively?

Ans
- ✗ A. E and W
- ✗ B. T and D
- ✓ C. E and T
- ✗ D. T and W

Q.59 This question is based on the given words.

KEG LAM BIN BUG

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✓ A. Two
- ✗ B. Three
- ✗ C. Zero
- ✗ D. One

Q.60 This question is based on the given words.

ACT CRY ROW BOX

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✗ A. One
- ✓ B. Three
- ✗ C. None
- ✗ D. Two

Q.61 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 7 7 & & # 3 3 # 9 1 4 € 4 # # 7 £ $ 4 © 9 6 (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✗ A. 2
- ✗ B. 5
- ✓ C. 3
- ✗ D. 4

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Q.62 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 298576, how many digits will appear more than once in the new number thus formed?

Ans

✔ A. Two

✘ B. None

✘ C. Three

✘ D. One

Q.63 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. For example, 13 — operations such as adding, subtracting, multiplying, etc., can be performed on 13 as a whole. Breaking down 13 into 1 and 3 and then performing operations on 1 and 3 is not allowed.)
4 – 64 – 74 – 84;
3 – 27 – 37 – 47

Ans

✘ A. 6-216-226-246

✘ B. 7-21-31-41

✔ C. 5-125-135-145

✘ D. 2-8-18-36

Q.64 366 is related to 731 following a certain logic. Following the same logic, 413 is related to 825. To which of the given options is 287 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✘ A. 751

✘ B. 630

✔ C. 573

✘ D. 445

Q.65 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✘ A. GQ – PX

✘ B. AK-JR

✔ C. UD – SX

✘ D. LV-UC

Q.66 Rupali starts from Point Y and drives for 7 km towards east. She then takes a right turn and drives for 5 km and then she takes a left turn and drives for 4 km. She then takes a right turn and drives for 6 km. She finally takes a right turn and drives for 11 km to reach Point E. How far (shortest distance) and towards which direction should she drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans

✘ A. 16 km towards north

✘ B. 11 km towards east

✔ C. 11 km towards north

✘ D. 20 km towards south

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Q.67 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

5 B 4 D 6 A 2 C 3 = ? D 4

Ans
- ✔ A. 24
- ✘ B. 30
- ✘ C. 34
- ✘ D. 20

Q.68 What should come in place of ? in the given series?
245 216 187 158 129 ?

Ans
- ✘ A. 111
- ✘ B. 102
- ✔ C. 100
- ✘ D. 101

Q.69 The position(s) of how many letters will remain unchanged if each letter in the word RAINBOW is arranged in the English alphabetical order?

Ans
- ✘ A. Zero
- ✘ B. One
- ✔ C. Three
- ✘ D. Two

Q.70 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 5 % 9 $ 7 Ω 3 & 1 @ 8 * 6 £ 4 # 2 Ω 9 (Right)

How many such symbols are there, each of which is immediately preceded by an even number but NOT immediately followed by an even number?

Ans
- ✔ A. One
- ✘ B. More than three
- ✘ C. Two
- ✘ D. Three

Q.71 Refer to the given letter, number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) A 4 & P % 7 @ 8 T 6 & K 2 R 5 # 3 E Ω C D (Right)

If all the letters are dropped from the series, which of the following will be seventh from the left?

Ans
- ✘ A. 2
- ✔ B. 6
- ✘ C. 8
- ✘ D. &

Q.72 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✘ A. LOQ
- ✔ B. KMO
- ✘ C. SVX
- ✘ D. NQS

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Q.73 KK 27 is related to LH 13 in a certain way. In the same way, IP 23 is related to JM 9. To which of the following is HN 16 related, following the same logic?

Ans
- ✗ A. JJ 2
- ✓ B. IK 2
- ✗ C. IJ 4
- ✗ D. JK 4

Q.74 Mr. Klo ranked 15th from the top and 66th from the bottom in his class. How many students are there in his class?

Ans
- ✗ A. 79
- ✗ B. 81
- ✗ C. 82
- ✓ D. 80

Q.75 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only four boxes are kept between S and Q. T is kept above S. Only two boxes are kept between I and J. K is kept immediately above R. J is not kept immediately above K. No box is kept below Q. Which box is kept fourth from the top?

Ans
- ✗ A. I
- ✓ B. K
- ✗ C. R
- ✗ D. J

Q.76 G is the brother of K. V is the husband of B. K is the daughter of V. B is the sister of J. How is G related to J?

Ans
- ✓ A. Sister's son
- ✗ B. Brother's daughter
- ✗ C. Husband's mother
- ✗ D. Daughter's daughter

Q.77 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

PIK BUW NGI ZSU ?

Ans
- ✗ A. LOP
- ✓ B. LEG
- ✗ C. LGT
- ✗ D. LGY

Q.78 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All horses are bears.
Some horses are donkeys.

Conclusions:
(I) Some bears are donkeys.
(II) Some donkeys are horses.

Ans
- ✗ A. Only conclusion (II) follows.
- ✗ B. Neither conclusion (I) nor (II) follows.
- ✓ C. Both conclusions (I) and (II) follow.
- ✗ D. Only conclusion (I) follows.

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Q.79 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
: BIQ :: BIQ : %

Ans
- ✗ A. # = TOI , % = JQY
- ✗ B. # = TAI , % = JQL
- ✗ C. # = TAI , % = JTY
- ✓ D. # = TAI , % = JQY

Q.80 **Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).**

Statements:
All parks are forests.
No forest is a lake.

Conclusions:
(I) **No park is a lake.**
(II) **All lakes are forests.**

Ans
- ✓ A. Only conclusion (I) follows
- ✗ B. Neither conclusion (I) nor (II) follows
- ✗ C. Only conclusion (II) follows
- ✗ D. Both conclusions (I) and (II) follow

Section : **General Awareness and Current Affairs**

Q.81 **Between which two countries was Exercise INDRA, 2025, conducted?**

Ans
- ✓ A. India and Russia
- ✗ B. India and the United States
- ✗ C. India and France
- ✗ D. India and China

Q.82 **Who was appointed as the Chairman of the Rajya Sabha Committee on Petitions after the panel was reconstituted by Rajya Sabha Chairman C. P. Radhakrishnan with effect from May 20, 2026?**

Ans
- ✓ A. Raghav Chadha
- ✗ B. Derek O'Brien
- ✗ C. Sanjay Singh
- ✗ D. Manoj Jha

Q.83 **On 14th April 2026, the National Fire Service Day was observed with which theme?**

Ans
- ✗ A. Healthy Environment, Safe Workplace & Emergency Response Society – United for Public Safety
- ✗ B. Secure Villages, Secure Offices & Disaster Prepared Community – Together for Risk Reduction
- ✗ C. Smart Cities, Smart Buildings & Fire Protection Prepared Society – United for Safety Mission
- ✓ D. Safe School, Safe Hospital & Fire Safety Aware Society – Together for Fire Prevention

Q.84 **Neeraj Chopra achieved a new national record at the Doha Diamond League 2025. What was the distance of his throw?**

Ans
- ✗ A. 88.17 m
- ✗ B. 89.94 m
- ✓ C. 90.23 m
- ✗ D. 91.06 m

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Q.85 **In 2025, which of the Indian banks has reached $100 billion mark?**

Ans

✗ A. Bank of India

✗ B. Bank of Baroda

✓ C. State Bank of India

✗ D. Indian Bank

Q.86 **In May 2026, which Ministry released the National Family Health Survey–6 (NFHS-6), highlighting improvements in maternal and child health, nutrition, and financial protection?**

Ans

✗ A. Ministry of Education

✗ B. Ministry of Statistics and Programme Implementation

✓ C. Ministry of Health and Family Welfare

✗ D. Ministry of Women and Child Development

Q.87 **Which DRDO-supported indigenous systems were inducted by the Indian Army under emergency procurement in May 2026?**

Ans

✗ A. Nishant UAV and Varunastra torpedo systems

✗ B. Arjun Mk-1A and Prahaar missile systems

✗ C. Akash Prime and Tejas Mk-2 systems

✓ D. ULPGM and AGNIKAA VTOL-1 drone systems

Q.88 **Which state had emerged victorious with the highest medal tally at the inaugural Khelo India Tribal Games 2026?**

Ans

✓ A. Karnataka

✗ B. Madhya Pradesh

✗ C. Jharkhand

✗ D. Odisha

Q.89 **Which government body issued the statutory direction for coordinated action plans to eliminate wheat stubble burning during the 2026 harvesting season?**

Ans

✗ A. Indian Space Research Organisation (ISRO)

✗ B. Indian Agricultural Research Institute (IARI)

✗ C. Ministry of Environment, Forest and Climate Change

✓ D. Commission for Air Quality Management in NCR and Adjoining Areas (CAQM)

Q.90 **The PSLV-C61 EOS-09 mission, which was launched on May 18, 2025, was ISRO's (Indian Space Research Organisation) ____.**

Ans

✗ A. 100th mission

✗ B. 102nd mission

✓ C. 101th mission

✗ D. 99th mission

Q.91 **What was the mission name of the communication satellite launched by the Indian Space Research Organisation on 24 December 2025 from Sriharikota using the LVM3 (Baahubali) launch vehicle?**

Ans

✓ A. BlueBird Block-2

✗ B. NewSpace communication series

✗ C. meteorological satellite mission

✗ D. Defence communication satellite

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Q.92 Which authority issued new access and benefit sharing rules in India in April 2025?

Ans

✗ A. Ministry of Tribal Affairs

✓ B. National Biodiversity Authority

✗ C. Central Environment Board

✗ D. Ministry of Agriculture

Q.93 According to reports on the military operation known as "Operation Absolute Resolve" conducted in January 2026, which country had carried out the operation that resulted in the capture of Venezuelan President Nicolás Maduro?

Ans

✓ A. United States of America

✗ B. United Kingdom

✗ C. Russia

✗ D. China

Q.94 Which shooter won the gold medal in the Women's 25m Pistol event at the ISSF World Cup Final 2025 conducted in Doha?

Ans

✗ A. Doreen Vennekamp

✗ B. Manu Bhaker

✗ C. Yao Qianxun

✓ D. Simranpreet Kaur Brar

Q.95 Which of the following big cat species is the focus of the conservation programme being held in Gangtok, Sikkim in 2026?

Ans

✗ A. Bengal Tiger

✓ B. Snow Leopard

✗ C. Cheetah

✗ D. Asiatic Lion

Q.96 Who was elected as the new President of the BJP in 2026?

Ans

✓ A. Nitin Nabin

✗ B. Amit Shah

✗ C. Baba Amte

✗ D. J.P. Nadda

Q.97 What is the objective of the 'Pradhan Mantri Janjatiya Unnat Gram Abhiyan' introduced in Budget 2025?

Ans

✓ A. Enhancing socio-economic conditions of tribal communities in rural areas

✗ B. Providing scholarships to students of tribal communities in rural areas

✗ C. Establishing tribal research centres

✗ D. Urban development in tribal areas

Q.98 In 2026, which health insurance scheme was set to be implemented by West Bengal, making it the 36th State/Union Territory to join the programme through an agreement with the National Health Authority?

Ans

✓ A. Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY)

✗ B. Pradhan Mantri Jan Dhan Yojana (PMJDY)

✗ C. Pradhan Mantri Suraksha Bima Yojana (PMSBY)

✗ D. Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY)

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Q.99 **In which country was the final match of the 2026 Monte-Carlo Masters tennis tournament conducted at Roquebrune-Cap-Martin?**

Ans
- ✗ A. Germany
- ✗ B. Italy
- ✓ C. France
- ✗ D. Spain

Q.100 **What was the official United Nations theme for International Women's Day observed on March 8, 2026?**

Ans
- ✓ A. Rights. Justice. Action. For ALL Women and Girls
- ✗ B. Empower, Include, Advance: Women Leading Change
- ✗ C. Invest in Women: Accelerate Progress
- ✗ D. Accelerate Action: Equal Rights for a Sustainable Future

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सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	21/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Select the correct option regarding the following two statements labelled Assertion (A) and Reason (R).**

Assertion (A): The walls of veins are thinner than those of arteries.
Reason (R): Veins carry blood under high pressure.

Ans
- ✔ A. A is true, but R is false
- ✘ B. Both A and R are true, and R is the correct explanation of A
- ✘ C. A is false, but R is true
- ✘ D. Both A and R are true, but R is not the correct explanation of A

Q.2 **Which situation does NOT correctly illustrate an action-reaction pair as per Newton's third law?**

Ans
- ✘ A. A foot kicks a ball, ball pushes foot back
- ✔ B. A car accelerating due to its engine
- ✘ C. A hand pushes a wall, wall pushes hand back
- ✘ D. A hammer strikes a nail, nail pushes hammer back

Q.3 **A student measures the pH of four liquids: lemon juice (2), soap solution (9), water (7), and vinegar (3). Which is the most basic?**

Ans
- ✘ A. Vinegar (3)
- ✘ B. Lemon juice (2)
- ✘ C. Water (7)
- ✔ D. Soap solution (9)

Q.4 **A technician is designing a solar power plant in central India. Understanding the value of the solar constant is necessary for planning the plant's capacity as:**

Ans
- ✘ A. It gives maximum possible temperature
- ✔ B. It indicates energy available before atmospheric loss
- ✘ C. It measures sunlight duration
- ✘ D. It shows only atmospheric absorption

Q.5 **Which of the following characteristics are correct for the cells of parenchyma?**

Ans
- ✘ A. Living, loosely organised without intercellular spaces
- ✘ B. Dead, loosely organised without intercellular spaces
- ✘ C. Dead, loosely organised with large intercellular spaces
- ✔ D. Living, loosely organised with large intercellular spaces

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Q.6 **A sample of water obtained from two different sources is found to contain hydrogen and oxygen in the ratio 1:8 by mass. Which law is illustrated by this observation?**

Ans

✗ A. Law of conservation of mass

✗ B. Law of multiple proportions

✗ C. Law of reciprocal proportions

✓ D. Law of constant proportions

Q.7 **Why does biological magnification increase at higher trophic levels?**

Ans

✓ A. Chemicals are not degraded and accumulated at each trophic level

✗ B. Chemicals are degraded and accumulated only at higher trophic levels

✗ C. Water content increases at each trophic level

✗ D. Energy increases at higher levels in food chain

Q.8 **If a 2 kg ball initially at rest is pushed with a force of 8 N for 5 seconds, what is its velocity at the end of 5 seconds?**

Ans

✗ A. 10 m/s

✗ B. 8 m/s

✓ C. 20 m/s

✗ D. 5 m/s

Q.9 **A household has two appliances: a heater and a fan. The heater has a high resistance while the fan has a low resistance. If both are connected to the same voltage supply, which appliance will draw more current and why?**

Ans

✓ A. The fan will draw more current because it has lower resistance.

✗ B. The heater will draw more current because it has higher resistance.

✗ C. Current does not depend on resistance in this case.

✗ D. Both will draw the same current because the voltage is the same.

Q.10 **A dentist uses a concave mirror of focal length 20 cm to examine a patient's tooth. If the tooth is placed 5 cm from the mirror, what is the magnification produced?**

Ans

✗ A. 1.67

✓ B. 1.33

✗ C. 0.75

✗ D. 0.5

Q.11 **Which of the following statements, correctly explains how smoking affects the respiratory system in humans?**

Ans

✓ A. Carbon monoxide in smoke combines with haemoglobin, reducing oxygen transport to tissues

✗ B. Nicotine increases oxygen-carrying capacity of blood to various tissues

✗ C. Smoking increases the surface area of alveoli for better gas exchange in the tissues

✗ D. Tar in tobacco strengthens the walls of alveoli

Q.12 **Read the following statements are about epithelial tissue and select the most appropriate option.**

Statement A: Cells of epithelial tissue are tightly packed.

Statement B: Fibrous basement membrane separates epithelium from underlying tissue.

Ans

✗ A. Statement A is incorrect and Statement B is correct

✓ B. Both Statement A and Statement B are correct

✗ C. Both Statement A and Statement B are incorrect

✗ D. Statement A is correct and Statement B is incorrect

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Q.13 **Which characteristic is shared by all members of a homologous series?**

Ans

✗ A. They have identical physical properties

✗ B. They have the same molecular formula

✗ C. They have the same molecular mass

✓ D. They have similar chemical properties

Q.14 **Given that metal X reacts with $CuSO_4$ but not with $FeSO_4$, and metal Y reacts with $FeSO_4$ but not with $ZnSO_4$, what is the correct order of decreasing reactivity for Zn, Fe, Cu, X, and Y?**

Ans

✓ A. Zn > Y > Fe > X > Cu

✗ B. Fe > X > Zn > Y > Cu

✗ C. Cu > X > Fe > Y > Zn

✗ D. Y > Zn > X > Fe > Cu

Q.15 **A photographer uses a concave lens of focal length 12 cm. The object is placed 18 cm from the lens. Using the sign convention, calculate the image distance (v)?**

Ans

✗ A. -36 cm

✗ B. +36 cm

✓ C. -7.2 cm

✗ D. +7.2 cm

Q.16 **Which of the following statements is/are CORRECT?**
Statement I: Covalent bonds involve the sharing of electron pairs between atoms.
Statement II: Covalent bonding usually occurs between metals and non-metals.

Ans

✗ A. Both statements I and II are correct

✗ B. Both statements I and II are incorrect

✗ C. Only statement II is correct

✓ D. Only statement I is correct

Q.17 **Which of the following is an example of coagulation in everyday life?**

Ans

✓ A. Adding vinegar in milk to form paneer

✗ B. Extracting salt from sea water

✗ C. Filtering sand from a mixture of water and sand

✗ D. Separating pigments using chromatography

Q.18 **In a concave mirror, a ray parallel to the principal axis is incident. After reflection, the ray passes through:**

Ans

✓ A. The focus

✗ B. Anywhere along the mirror

✗ C. The center of curvature

✗ D. The pole

Q.19 **A constant force acts on an object and causes it to move in the same direction as the force. How is the work done by the force calculated?**

Ans

✓ A. Work is calculated by multiplying force and displacement

✗ B. Work is calculated by multiplying force and time

✗ C. Work is calculated by dividing force by displacement

✗ D. Work is calculated by adding force and displacement

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Q.20 **Which pigment is responsible for absorbing light during photosynthesis?**

Ans

✔ A. Chlorophyll

✘ B. Keratin

✘ C. Anthocyanin

✘ D. Carotene

Q.21 **Which of the following materials has the highest resistivity?**

Ans

✔ A. Manganin

✘ B. Iron

✘ C. Silver

✘ D. Tungsten

Q.22 **Which equation correctly represents a displacement reaction involving metals and their salt solutions?**

Ans

✘ A. $Cu + ZnSO_4 \rightarrow CuSO_4 + Zn$

✘ B. $Au + FeSO_4 \rightarrow AuSO_4 + Fe$

✘ C. $Ag + MgSO_4 \rightarrow AgSO_4 + Mg$

✔ D. $Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$

Q.23 **A researcher finds a plant group that does not need water for fertilisation and has seeds which are not enclosed in fruits. Which plant group is being described?**

Ans

✘ A. Pteridophytes

✔ B. Gymnosperms

✘ C. Bryophytes

✘ D. Angiosperms

Q.24 **What is the main difference between an addition and a substitution reaction in carbon compounds?**

Ans

✘ A. Addition reactions replace one atom with another

✔ B. Addition reactions increase the number of atoms in a molecule

✘ C. Addition reactions occur only in saturated compounds

✘ D. Addition reactions remove atoms from molecules

Q.25 **Student A takes 20 seconds, while student B takes 40 seconds to complete the same amount of work. Which of the following statements is correct in connection to A and B?**

Ans

✘ A. Student B has done more work

✘ B. Both students have the same power

✘ C. Student B has double the power of Student A

✔ D. Student A has double the power of Student B

Section : **Mathematics**

Q.26 **If 35 machines can produce a certain number of items in 24 days, how many machines are required to produce the same number of items in 14 days?**

Ans

✘ A. 61 machines

✔ B. 60 machines

✘ C. 62 machines

✘ D. 58 machines

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Q.27 Kiran's monthly salary is ₹15,000. He spends ₹5,500 on house rent and ₹3,000 on utility bills, and saves the remaining amount each month. If, during his birthday month, he spends his entire monthly savings on his birthday celebration, find his total savings (in ₹) for the year.

Ans
- ✔ A. 71,500
- ✘ B. 65,000
- ✘ C. 58,500
- ✘ D. 78,000

Q.28 If the decimal number $0.15\overline{201}$ can be expressed in the form of $\frac{a}{b}$ where a and b are co-primes, then find the value of $\sqrt{b-a+281}$.

Ans
- ✔ A. 120
- ✘ B. 145
- ✘ C. 98
- ✘ D. 105

Q.29 Arvind bought an article for ₹x. He sold it to Biru at a loss of 15%. Biru spent ₹122 on its transportation and sold it to Minu at a profit of 50%. If Minu bought it for ₹1968, then what is the value of x?

Ans
- ✘ A. 1600
- ✘ B. 1200
- ✘ C. 1800
- ✔ D. 1400

Q.30 Simplify:

$$\frac{2^4 \times 3^{-3} \times 9^3}{6^2 \times 3^{-1}}.$$

Ans
- ✘ A. 48
- ✔ B. 36
- ✘ C. 18
- ✘ D. 24

Q.31 A train travels 20% faster than a car. Both start together from the same point and cover a distance of 72 km. The train stops for a total of 12 minutes on the way, but still reaches the destination at the same time as the car. Find the speed of the car.

Ans
- ✔ A. 60 km/hr
- ✘ B. 70 km/hr
- ✘ C. 65 km/hr
- ✘ D. 62 km/hr

Q.32 A sum of ₹25,000 amounts to ₹29,160 in 1 year when the interest is compounded half-yearly. If the interest rate remains the same, how much interest will be earned on ₹18,000 in 1 year when the interest is compounded annually?

Ans
- ✔ A. ₹2,880
- ✘ B. ₹1,760
- ✘ C. ₹3,080
- ✘ D. ₹1,440

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Q.33 Find the value of $(\text{cosec}\theta + \cot\theta) \times (1 - \cos\theta)$.

Ans
- ✗ A. $\cot\theta$
- ✓ B. $\sin\theta$
- ✗ C. $\tan\theta$
- ✗ D. $\cos\theta$

Q.34 In a proportion, the first, second and third proportionals are respectively 6, 24 and 11. If the fourth proportional is $(x^2 - 7x)$, find the positive value of x.

Ans
- ✗ A. 28
- ✗ B. 4
- ✓ C. 11
- ✗ D. 44

Q.35 What is the sum of the HCF and the LCM of 19 and 57?

Ans
- ✗ A. 66
- ✓ B. 76
- ✗ C. 57
- ✗ D. 95

Q.36 X and Y are the midpoints of sides AB and AC,respectively, of triangle ABC. If BC = 9 cm, AB = 11 cm and AC = 14 cm, then what is the ratio of the perimeters of trapezium XBCY to triangle ABC totriangle AXY?

Ans
- ✗ A. 34 : 17 : 26
- ✗ B. 26 : 17 : 34
- ✗ C. 17 : 26 : 34
- ✓ D. 26 : 34 : 17

Q.37 The mean of a data is 33 and its median is 37. The mode (using empirical relation) of the data is:

Ans
- ✗ A. 58
- ✗ B. 16
- ✗ C. 108
- ✓ D. 45

Q.38 The height and the slant height of a cone are 12 cm and 19 cm respectively. What is the volume of the cone? $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans
- ✗ A. 2738 cm^3
- ✗ B. 2719 cm^3
- ✗ C. 2726 cm^3
- ✓ D. 2728 cm^3

Q.39 A man can row at 9.5 km/h in still water. When the river flows at 2 km/h, it takes him 4 hours to row to a certain place and return. How far is the place? (Round off the answer to two decimal places.)

Ans
- ✗ A. 15.06 km
- ✓ B. 18.16 km
- ✗ C. 17.12 km
- ✗ D. 16.08 km

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Q.40 The average of the first 8 consecutive even numbers starting from 24 is:

Ans

✗ A. 30

✗ B. 33

✓ C. 31

✗ D. 32

Q.41 The simple interest on a sum of money at 5% per annum for 3 years is ₹1,200. Find the compound interest on the same sum for the same period at the same rate, if interest is compounded annually.

Ans

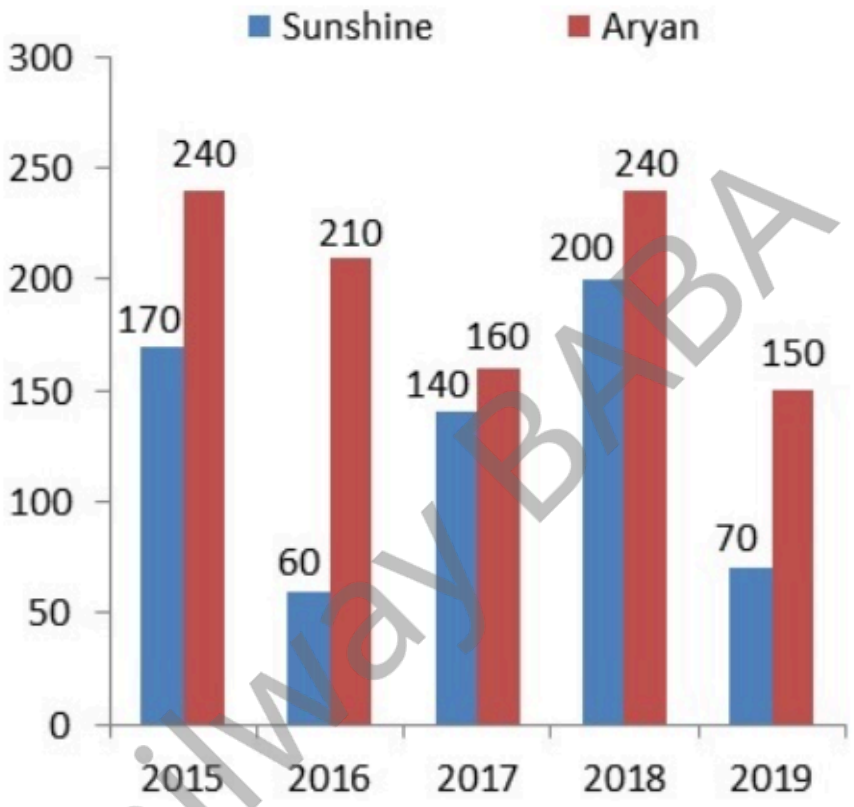
✓ A. ₹1,261

✗ B. ₹1,612

✗ C. ₹1,216

✗ D. ₹1,621

Q.42 The given bar graph shows the total number of students enrolled each year from 2015 to 2019 in two different summer camps: Sunshine and Aryan.



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The total number of students enrolled in Sunshine from 2016 to 2019 is what percentage more than the total number of students enrolled in Aryan in 2018 and 2019? (Round off your answer to two decimal places.)

Ans

✓ A. 20.51%

✗ B. 22.51%

✗ C. 21.81%

✗ D. 23.56%

Q.43 What is the value of $\frac{\sin\theta - \cos\theta + 1}{\sin\theta + \cos\theta - 1}$?

Ans

✗ A. cot θ + cosec θ

✗ B. tan θ − sec θ

✓ C. sec θ + tan θ

✗ D. cot θ − cosec θ

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Q.44 A laptop is sold for ₹45,000 after two successive discounts of 25% and 20% on the marked price. Find the original marked price of the laptop.

Ans

✗ A. ₹78,000

✗ B. ₹72,000

✓ C. ₹75,000

✗ D. ₹68,000

Q.45 Two banks, A and B, offered loans at 3.5% and 8.5% per annum, respectively. Akshay borrowed an amount of ₹4,60,000 from each bank. Find the positive difference between the amounts (in ₹) of simple interest paid to the two banks by Akshay after 3 years.

Ans

✗ A. 70,500

✓ B. 69,000

✗ C. 68,500

✗ D. 70,000

Q.46 Two pipes, A and B, can fill an empty water tank in 40 and 50 minutes, respectively. Pipe A is opened, and after 15 minutes pipe B is also opened. What is the time taken by both the pipes to fill the tank from the beginning?

Ans

✗ A. $23\frac{4}{9}\text{minutes}$

✓ B. $28\frac{8}{9}\text{minutes}$

✗ C. $24\frac{5}{9}\text{minutes}$

✗ D. $18\frac{8}{9}\text{minutes}$

Q.47 The median of the following frequency distribution is:

x	1	2	3	4	5	6	7
f	8	10	11	16	20	25	15

Ans

✓ A. 5

✗ B. 4

✗ C. 6

✗ D. 3

Q.48 If two times the mother's present age is 27 years more than nine times her daughter's age, and five times the daughter's age is 8 year less than the mother's age, then what is the difference (in years) between the ages of the mother and the daughter?

Ans

✗ A. 49

✗ B. 57

✓ C. 52

✗ D. 47

Q.49 Sheela earns ₹48,000 per month. She spends 75% of her income and saves the rest. If her expenditure increases by 10%, what will be her new monthly savings (in ₹)?

Ans

✗ A. 9,600

✓ B. 8,400

✗ C. 12,000

✗ D. 10,800

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Q.50 If the height of a cylinder is doubled and radius halved, what is the change in its volume with respect to the original one?

Ans

✗ A. Becomes double of the original

✗ B. Becomes one-fourth of the original

✗ C. Remains the same

✓ D. Becomes half of the original

Section : **General Intelligence and Reasoning**

Q.51 Shubham ranked 29th from the top and 17th from the bottom in his class. How many students are there in his class?

Ans

✓ A. 45

✗ B. 47

✗ C. 44

✗ D. 46

Q.52 Pranav ranked 24th from the top and 13th from the bottom in his class. How many students are there in his class?

Ans

✗ A. 38

✗ B. 35

✗ C. 37

✓ D. 36

Q.53 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans

✗ A. CA–VT

✓ B. YW–QR

✗ C. QO–JH

✗ D. GE–ZX

Q.54 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

214 ÷ 28 × 7 + 12 - 11 = ?

Ans

✗ A. 85

✗ B. 83

✓ C. 86

✗ D. 81

Q.55 Eight friends Karan, Shiv, Dipti, Richa, Mahi, Pari, Sonika and Bhanu are sitting around a circular table, facing the centre. Richa sits third to the left of Dipti. Pari sits second to the left of Shiv. Karan sits to the immediate left of Dipti. Sonika sits third to the left of Karan. Shiv sits third to the right of Dipti. Mahi is not an immediate neighbour of Karan. How many people sit between Mahi and Karan when counted from the left of Mahi?

Ans

✗ A. One

✗ B. Three

✓ C. Two

✗ D. Four

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Q.56 In a certain code language,
A + B means 'A is the father of B',
A @ B means 'A is the wife of B',
A # B means 'A is mother of B',
and A < B means 'A is the brother of B'.

How is C related to Y if 'C # D < S + T @ Y'?

Ans
- ✔ A. Wife's father's mother
- ✘ B. Wife's father's father
- ✘ C. Wife's father's sister
- ✘ D. Wife's father's brother

Q.57 This question is based on the five, three-digit numbers given below.
(Left) 594 307 821 476 653 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What is the sum of the first digits of all odd numbers in the group?

Ans
- ✘ A. 13
- ✘ B. 15
- ✔ C. 17
- ✘ D. 19

Q.58 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:
Ajit, Bina, Chip, Dora and Eli are sitting around a circular table, facing the centre. Who sits second to the right of Chip?

Statements:
(I) Bina sits second to the left of Chip. Ajit sits to the immediate left of Bina.
(II) Bina sits to the immediate left of Dora. Eli sits second to the left of Bina.

Ans
- ✘ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
- ✘ B. Data in statements I and II together are NOT sufficient to answer the question
- ✔ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✘ D. Data in Statement II alone is sufficient to answer the question while data in statement I is not

Q.59 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 631576454587, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✔ A. 10
- ✘ B. 7
- ✘ C. 9
- ✘ D. 8

Q.60 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 trees, L, M, O, P and Q each having a different height, which tree is the shortest?
(I)L is shorter than M but taller than Q. O is taller than Q
(II)P is taller than only one tree

Ans
- ✘ A. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✘ B. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✔ C. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
- ✘ D. Both statements I and II together are NOT sufficient to answer the question

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Q.61 What should come in place of ? in the given series based on the English alphabetical order?
XVRU, ARSS, ?, GJUO, JFVM

Ans
- ✗ A. DTNQ
- ✗ B. DNQT
- ✗ C. DQNT
- ✓ D. DNTQ

Q.62 Given the word "FARMING," after replacing each vowel with the next letter and each consonant with the previous letter in the English alphabetical order, which letter occupies the fourth position from the left in the new letter cluster thus formed?

Ans
- ✗ A. Q
- ✗ B. E
- ✓ C. L
- ✗ D. J

Q.63 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among five trees, N, O, R, S and T each having a different height, which tree is the shortest?
(I)O is shorter than T but taller than S
(II)O is shorter than R. N is taller than S

Ans
- ✓ A. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
- ✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✗ C. Both statements I and II together are NOT sufficient to answer the question
- ✗ D. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Q.64 Manu starts from Point A and drives 21 km towards East. He then takes a right turn, drives 20 km, turns right and drives 23 km. He then takes a right turn and drives 25 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans
- ✗ A. 7 km to the South
- ✗ B. 8 km to the South
- ✓ C. 5 km to the South
- ✗ D. 6 km to the South

Q.65 If 2 is subtracted from each odd digit and 1 is added to each even digit in the number 5236587452 what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 3
- ✗ B. 5
- ✓ C. 6
- ✗ D. 4

Q.66 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: HGH :: RQR : %

Ans
- ✓ A. # = FEF , % = TST
- ✗ B. # = FEE , % = SRS
- ✗ C. # = FGH , % = TST
- ✗ D. # = FEF , % = TRU

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Q.67 12 is related to 147 following a certain logic. Following the same logic,19 is related to 364. To which of the following is 14 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✔ A. 199
✘ B. 203
✘ C. 168
✘ D. 211

Q.68 This question is based on the five, three-digit numbers given below.

(Left) 903, 671, 245, 381, 792 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What is the sum of the first digit of the lowest number and the third digit of the highest number?

Ans
✔ A. 5
✘ B. 8
✘ C. 6
✘ D. 7

Q.69 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A @ B means 'A is the wife of B' and
A % B means 'A is the father of B'.
Based on the above, how is S related to N if 'S + A @ E – R % N'?

Ans
✘ A. Brother
✔ B. Father's brother's son
✘ C. Father's brother
✘ D. Husband

Q.70 Each letter in the word BRIDGE is changed to the letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which letter will be at the last position in the new group of letters thus formed?

Ans
✘ A. A
✘ B. F
✔ C. Q
✘ D. D

Q.71 10 is related to 110 following a certain logic. Following the same logic, 15 is related to 240. To which of the following is 17 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✔ A. 306
✘ B. 323
✘ C. 324
✘ D. 342

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Q.72 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: MIE :: FBX : %

Ans
- ✔ A. # = QMI , % = BXT
- ✘ B. # = QMH , % = AWS
- ✘ C. # = QMI , % = BWU
- ✘ D. # = QOK , % = BXT

Q.73 Refer to the following series and answer the question. (Counting to be done from left to right only. Note: All numbers are single digit numbers only)
(Left) 4 5 6 9 1 6 1 9 5 5 8 8 5 9 5 7 1 5 7 8 5 3 5 4 3 2 9 4 6 6 (Right)
How many such even digits are there each of the which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square)

Ans
- ✘ A. Two
- ✘ B. Three
- ✔ C. One
- ✘ D. Four

Q.74 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
WAR : DHY
KTM : RAT

Ans
- ✘ A. NSP : UYI
- ✘ B. FBI : MIB
- ✔ C. NHR : UOY
- ✘ D. GEO : ZLU

Q.75 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
V has an exam on Thursday. Exactly 4 people have their exam between T and P, none of whom has an exam on Sunday. R has an exam immediately before S. U does not have an exam on Friday. T does not have an exam after S.
How many people have an exam between S and U?

Ans
- ✘ A. 2
- ✘ B. 1
- ✘ C. 4
- ✔ D. 3

Q.76 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✘ A. GIK
- ✘ B. SUW
- ✘ C. CEG
- ✔ D. MRV

Q.77 Which of the following options should come in place of the question mark (?) in the given series?

22 28 35 43 52 ?

Ans
- ✔ A. 62
- ✘ B. 60
- ✘ C. 72
- ✘ D. 63

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Q.78 **Refer to the following number, symbol series and answer the question.**
(Note: All numbers are single-digit numbers only.)
(Left) 8 6 – 4 1 α 3 2 # 3 * 9 $ + 4 1 Ω 7 (Right)
If all the numbers were dropped from the series, which of the following symbols will be third from the right?

Ans
- ✔ A. $
- ✘ B. *
- ✘ C. α
- ✘ D. #

Q.79 **Six friends A, B, C, D, E and F are sitting in a row facing north. Only B is sitting between F and D. F is sitting third from the right end. E is sitting second to the left of F. A sits at someplace to the left of E. Who is sitting second to the right of A?**

Ans
- ✘ A. F
- ✘ B. B
- ✘ C. D
- ✔ D. C

Q.80 **Refer to the following series and answer the question that follows. Counting to be done from left to right. (Note: All numbers are single-digit numbers only.)**

(Left) 8 3 6 1 5 4 7 9 2 3 8 5 1 4 6 9 2 7 3 8 5 1 4 6 (Right)

How many odd numbers are there, each of which is immediately preceded by an even number and immediately followed by an even number?

Ans
- ✘ A. 5
- ✘ B. 4
- ✘ C. 2
- ✔ D. 3

Section : General Awareness and Current Affairs

Q.81 **In May 2026, which of the following international football events saw India's men's team compete with teams from Africa and the Caribbean in England?**

Ans
- ✘ A. Inter Continental Cup
- ✔ B. Unity Cup
- ✘ C. King's Cup
- ✘ D. Merdeka Tournament

Q.82 **Which international platform did India host in New Delhi in November 2025 to reaffirm its commitment to "Inclusive Disaster Risk Data Governance" and regional cooperation for disaster resilience?**

Ans
- ✘ A. The United Nations Framework Convention on Climate Change (UNFCCC)
- ✔ B. The Asian and Pacific Centre for Development of Disaster Information Management (APDIM)
- ✘ C. The World Economic Forum (WEF)
- ✘ D. The Coalition for Disaster Resilient Infrastructure (CDRI)

Q.83 **Which literary prize was jointly awarded in 2026 to author Yang Shuangzi and translator Lin King for the novel Taiwan Travelogue, marking the first work originally written in Mandarin Chinese to receive the honour?**

Ans
- ✘ A. Women's Prize for Fiction
- ✘ B. Nobel Prize in Literature
- ✔ C. International Booker Prize
- ✘ D. Pulitzer Prize for Fiction

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Q.84 Who among the following became the champion of the 2026 Australian Open women's singles tournament after defeating world No. 1 Aryna Sabalenka in the final held at Melbourne Park, Australia?

Ans

✗ A. Mirra Andreeva

✓ B. Elena Rybakina

✗ C. Iga Świątek

✗ D. Coco Gauff

Q.85 Who won the Rahuri seat in the Maharashtra by-election 2026?

Ans

✓ A. Akshay Kardile

✗ B. Devendra Fadnavis

✗ C. Sunil Tatkare

✗ D. Sharad Pawar

Q.86 Which Indian hockey player was named the Men's Player of the Year at the Hockey India 8th Annual Awards?

Ans

✓ A. Hardik Singh

✗ B. Mandeep Singh

✗ C. Harmanpreet Singh

✗ D. Vivek Sagar Prasad

Q.87 Which Indian state signed a Letter of Intent (LoI) with SpaceX's Starlink in February, 2026, to provide high-speed satellite internet to its remote and tribal regions?

Ans

✗ A. Rajasthan

✗ B. Maharashtra

✓ C. Gujarat

✗ D. Odisha

Q.88 In April 2026, what was the name of the Cyber Security Awareness Training Programme launched by C-DAC, Hyderabad and Reliance Foundation to enable one million women across rural India to participate safely in the digital ecosystem?

Ans

✓ A. e-SafeHER

✗ B. SafeNet Women

✗ C. Cyber Sakhi Bharat

✗ D. Digital Suraksha Abhiyan

Q.89 What is the primary objective of India's National Clean Air Programme (NCAP) by 2025–26?

Ans

✗ A. Replacing thermal power plants with hydroelectric stations nationwide

✗ B. Introducing carbon taxes on household electricity consumption

✓ C. Achieving up to 40% reduction in PM10 concentrations in targeted cities

✗ D. Banning all diesel-operated public transport in urban regions

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Q.90 In April 2026, the Constitution (131st Amendment) Bill, 2026, proposed increasing the maximum strength of the Lok Sabha to which of the following limits?

Ans

✗ A. 750 members including Union Territories

✗ B. 650 members including Union Territories

✗ C. 950 members including Union Territories

✓ D. 850 members including Union Territories

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Q.91 In January 2026, the National Youth Day in India was observed to commemorate the birth anniversary of which personality?

Ans
- ✗ A. Mahatma Gandhi
- ✗ B. Subhas Chandra Bose
- ✓ C. Swami Vivekananda
- ✗ D. Rabindranath Tagore

Q.92 According to the QS World University Rankings 2026, which Indian institution emerged as the highest-ranked Indian institute globally by securing the 123rd position and improving from 150th rank in 2025?

Ans
- ✗ A. Jawaharlal Nehru University (JNU)
- ✗ B. Indian Institute of Science Bengaluru (IISc Bengaluru)
- ✓ C. Indian Institute of Technology Delhi (IIT Delhi)
- ✗ D. Indian Institute of Technology Bombay (IIT Bombay)

Q.93 The 'Moonshot' project, launched by the Indian Institute of Science (IISc) in March 2026, primarily aims to develop which technology?

Ans
- ✓ A. Brain co-processors
- ✗ B. AI-powered humanoid robots
- ✗ C. Reusable launch vehicles
- ✗ D. Quantum communication satellites

Q.94 In which state did Prime Minister Narendra Modi inaugurate Kaynes Semicon Plant in March 2026 to strengthen India's semiconductor ecosystem?

Ans
- ✗ A. Uttar Pradesh
- ✗ B. Karnataka
- ✗ C. Andhra Pradesh
- ✓ D. Gujarat

Q.95 In March 2026, the Central Bureau of Investigation (CBI) Court Lucknow (Uttar Pradesh) convicted and sentenced six private persons to imprisonment for two years with a fine of Rs. 10,000 each in a significant wildlife smuggling case involving illegal possession and trade of _____.

Ans
- ✗ A. Tiger and rhinocerous body parts
- ✗ B. Lion and rhinocerous body parts
- ✗ C. Jackal and elephant body parts
- ✓ D. Tiger and leopard body parts

Q.96 Where was the 29th National Federation Senior Athletics Championships scheduled to be held in May 2026?

Ans
- ✗ A. Bhubaneswar
- ✗ B. Patiala
- ✗ C. Patna
- ✓ D. Ranchi

Q.97 The increased allocation for PMAY-G in the Union Budget 2026–27 is primarily intended to support which of the following?

Ans
- ✗ A. Expansion of rural railway infrastructure
- ✗ B. Promotion of digital banking services
- ✗ C. Modernization of agricultural markets
- ✓ D. Construction of pucca houses for eligible rural families

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Q.98 **What strategic framework did the Central Board of Directors of the RBI approve during its March 2026 meeting in Patna?**

Ans

✗ A. National Strategy for Financial Inclusion (2026-29)

✓ B. Utkarsh 3.0

✗ C. Utkarsh 2.0

✗ D. Payments Vision 2025

Q.99 **Who was appointed as the Chairperson of the Department-related Parliamentary Standing Committee on Science and Technology, Environment, Forests and Climate Change in May 2026?**

Ans

✗ A. Sudheer Gupta

✗ B. Om Birla

✗ C. Dr. Jitendra Singh

✓ D. Medha Vishram Kulkarni

Q.100 **In May 2026, which DRDO laboratory successfully conducted a long-duration test of the Actively Cooled Full Scale Scramjet Combustor, marking a breakthrough in hypersonic missile development?**

Ans

✗ A. Defence Electronics Research Laboratory (DLRL)

✗ B. Research Centre Imarat (RCI)

✓ C. Defence Research & Development Laboratory (DRDL)

✗ D. Aeronautical Development Establishment (ADE)

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सी०ई०एन० ०९/२०२५ -7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	21/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **A student adds hydrochloric acid to sodium hydrogen carbonate. Which observation confirms neutralization?**

Ans
- ✔ A. Effervescence
- ✘ B. Temperature drops
- ✘ C. Precipitate forms
- ✘ D. Color turns red

Q.2 **Cell culture refers to the process of growing cells _____.**

Ans
- ✔ A. outside the body
- ✘ B. only in soil
- ✘ C. without nutrients
- ✘ D. inside the body

Q.3 **Where are reflex arcs primarily formed in the human body?**

Ans
- ✔ A. Spinal cord
- ✘ B. Brain
- ✘ C. Lungs
- ✘ D. Heart

Q.4 **What is the term for the growth of plant roots downward in response to gravity?**

Ans
- ✘ A. Phototropism
- ✔ B. Geotropism
- ✘ C. Hydrotropism
- ✘ D. Chemotropism

Q.5 **Which statement best describes the direction of velocity in uniform circular motion?**

Ans
- ✔ A. It is always tangent to the circle at any point
- ✘ B. It is always along the radius away from the center
- ✘ C. It is always directed towards the center
- ✘ D. It is always perpendicular to the plane of the circle

Q.6 **During sunrise or sunset, why does the Sun's disc appear flattened when observed from Earth?**

Ans
- ✘ A. Because of scattering of sunlight in the atmosphere
- ✔ B. Due to atmospheric refraction bending light unevenly across the Sun's disc
- ✘ C. Due to gravitational lensing by Earth
- ✘ D. Because of absorption of sunlight by air

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Q.7 Which branch of chemistry is most concerned with reactions taking place within living cells?

Ans
- ✗ A. Inorganic chemistry
- ✓ B. Biochemistry
- ✗ C. Analytical chemistry
- ✗ D. Physical chemistry

Q.8 Which of the following pairs is **INCORRECT?**

Ans
- ✗ A. Malignant — Tissue invasion
- ✓ B. Cancer Cell — Controlled division
- ✗ C. Normal Cell — Definite lifespan
- ✗ D. Embryo — Uses programmed cell death for shaping

Q.9 During a field study, a student finds an organism that is multicellular, lacks cell walls, and depends on others for food. According to the five kingdom classification, to which kingdom should this organism belong?

Ans
- ✗ A. Plantae
- ✗ B. Monera
- ✓ C. Animalia
- ✗ D. Fungi

Q.10 A sound wave with a frequency of 15 Hz would be best categorized as which type?

Ans
- ✗ A. Audible sound
- ✗ B. Hypersonic sound
- ✗ C. Ultrasonic sound
- ✓ D. Infrasonic sound

Q.11 Which of the following elements do not possess neutrons inside their nucleus?

Ans
- ✗ A. neon
- ✗ B. argon
- ✓ C. hydrogen
- ✗ D. helium

Q.12 A scientist discovers a single-celled eukaryotic organism. Which key feature distinguishes it from Monera in the five kingdom system?

Ans
- ✗ A. Cell wall made of chitin
- ✓ B. Presence of a membrane-bound nucleus
- ✗ C. Autotrophic mode of nutrition
- ✗ D. Multicellular organization

Q.13 When carbon dioxide (CO_2) reacts with sodium hydroxide (NaOH), the salt formed is:

Ans
- ✗ A. sodium nitrate
- ✗ B. sodium chloride
- ✗ C. sodium sulphate
- ✓ D. sodium carbonate

Q.14 Anodizing is a process of forming a thick oxide layer of which of the following metals through an electrolytic process?

Ans
- ✗ A. iron
- ✓ B. aluminium
- ✗ C. copper
- ✗ D. zinc

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Q.15 Why does one end of a solenoid behave as a north pole and the other as a south pole?

Ans

✔ A. The current creates a similar magnetic effect to a bar magnet

✘ B. There is no current in the solenoid

✘ C. The solenoid is naturally magnetic

✘ D. The insulation creates the poles

Q.16 Which of the following is NOT a correct unit of work done?

Ans

✔ A. pascal

✘ B. joule

✘ C. watt-second

✘ D. newton-meter

Q.17 Which of the following quantities does the slope of a velocity-time graph represent for an object in motion?

Ans

✘ A. Displacement

✘ B. Speed

✘ C. Force

✔ D. Acceleration

Q.18 Oxygen is transported in human blood mainly by binding with the pigment _____.

Ans

✘ A. Myoglobin

✘ B. Chlorophyll

✔ C. Haemoglobin

✘ D. Plasma

Q.19 An ideal inclined plane is 20 m long and raises a load through a vertical height of 4 m. Compared to lifting the load straight up, the effort required to move the load up the plane is _____.

Ans

✔ A. One-fifth of the load

✘ B. One-half of the load

✘ C. One-fourth of the load

✘ D. Equal to the load

Q.20 A student observes an image that is inverted and smaller than the object when using a mirror. What type of magnification is being observed?

Ans

✔ A. The magnification is less than one and negative

✘ B. The magnification is equal to one and positive

✘ C. The magnification is greater than one and positive

✘ D. The magnification is greater than one and negative

Q.21 In an industrial process, a mixture of products is obtained when a hydrocarbon undergoes halogenation. Which method can be used to separate the monosubstituted product?

Ans

✘ A. Filtration

✔ B. Distillation

✘ C. Combustion

✘ D. Precipitation

Q.22 What does the formula unit mass of a substance represent?

Ans

✔ A. Sum of atomic masses of all atoms in a formula unit

✘ B. Ratio of atomic masses of metal and nonmetal atoms

✘ C. Difference between molecular and atomic masses

✘ D. Product of atomic numbers of all atoms in a molecule

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Q.23 **A student observes that the compass needle deflection decreases as it moves farther from a current-carrying straight conductor. What is the most likely reason for this observation?**

Ans

✗ A. The Earth's magnetic field becomes stronger with distance

✗ B. The electric current in the conductor decreases with distance

✓ C. The magnetic field strength decreases as the distance from the conductor increases

✗ D. The shape of the wire affects field strength only at close distances

Q.24 **In double circulation, which vessel delivers oxygenated blood to the heart?**

Ans

✗ A. Pulmonary artery

✗ B. Aorta

✗ C. Vena cava

✓ D. Pulmonary vein

Q.25 **Which of the following is true about suspensions?**

Ans

✗ A. They are transparent

✗ B. They do not scatter light

✓ C. The solute particles settle down on standing

✗ D. The solute dissolves completely

Section : **Mathematics**

Q.26 **Which of the following shows relation between x and y for the given data if mean of the data is 30?**

Class Interval	Frequency
0-10	2
10-20	4
20-30	x
30-40	y
40-50	3

Ans

✓ A. y = x + 13

✗ B. y = x + 10

✗ C. x = y + 10

✗ D. x = y + 13

Q.27 **The sum of two numbers is 1040. If the bigger number is decreased by 4% and the smaller number is increased by 12%, then the numbers obtained are equal. Find the two numbers.**

Ans

✗ A. 500, 640

✓ B. 560, 480

✗ C. 520, 520

✗ D. 600, 440

Q.28 **The length of a rectangle is increased by 40%. By what percentage must the breadth be decreased to keep the area constant? (Rounded off to 2 decimal places)**

Ans

✗ A. 30.57%

✗ B. 27.57%

✓ C. 28.57%

✗ D. 31.57%

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Q.29 A boat travels 45 km upstream in 9 hours and 72 km downstream in 6 hours. Find the speed of the stream.

Ans
- ✗ A. 1.5 km/hr
- ✗ B. 2.5 km/hr
- ✓ C. 3.5 km/hr
- ✗ D. 2 km/hr

Q.30 What is 24% of the sum of the compound interest earned on ₹12,500 at 10% per annum for 2 years and the simple interest earned on ₹47,500 at 13% per annum for 2 years?

Ans
- ✓ A. ₹3,594
- ✗ B. ₹2,594
- ✗ C. ₹3,596
- ✗ D. ₹2,596

Q.31 At what rate per cent per annum will a certain sum of money multiply itself by 4 times in 2 years, interest being compounded annually?

Ans
- ✗ A. 75
- ✓ B. 100
- ✗ C. 200
- ✗ D. 50

Q.32 In quadrilateral PQRS, $\angle P = 105^\circ$, $\angle Q = 65^\circ$ and $\angle R = \angle S$. Find the measure of $2\angle P + \angle S - \angle Q$.

Ans
- ✗ A. 205°
- ✓ B. 240°
- ✗ C. 259°
- ✗ D. 183°

Q.33 Veer can prepare one wooden table in 2 days, and Manoj can prepare the same table in 4 days. If they work together, in how many days will they prepare 111 tables?

Ans
- ✗ A. 152
- ✗ B. 150
- ✓ C. 148
- ✗ D. 144

Q.34 The LCM of 48 and 68 is

Ans
- ✗ A. 864
- ✓ B. 816
- ✗ C. 786
- ✗ D. 684

Q.35 What is the sum of all prime numbers between 0 and 32?

Ans
- ✗ A. 132
- ✗ B. 161
- ✓ C. 160
- ✗ D. 131

Q.36 A car was originally priced at ₹5,00,000. After a 12% price increase, it is now being sold for ₹5,60,000. If the price is further decreased by 5%, what is the final price of the car?

Ans
- ✗ A. ₹5,35,000
- ✓ B. ₹5,32,000
- ✗ C. ₹5,30,000
- ✗ D. ₹5,25,000

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Q.37 What is the least value that must be assigned to A so that the number 506A2404 is divisible by 3?

Ans
✗ A. 6
✓ B. 0
✗ C. 4
✗ D. 3

Q.38 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 7 months.

Ans
✗ A. 52.5
✓ B. 315
✗ C. 26.25
✗ D. 46.25

Q.39 If $\text{cosec}^2\theta + \cot^2\theta = \frac{7}{2}$, $0° < \theta < 90°$, then find the value of $\sqrt{5}\cos\theta + \sin\theta$.

Ans
✗ A. $\frac{3}{7}$
✓ B. $\frac{7}{3}$
✗ C. $\frac{3}{5}$
✗ D. $\frac{5}{3}$

Q.40 The average score of a cricketer in four matches is 45 and in six other matches is 65. Find the average score in all ten matches.

Ans
✗ A. 55
✗ B. 56
✗ C. 58
✓ D. 57

Q.41 The sides of a rectangular field are 35 m and 110 m long. Its area is equal to the area of a circular field. What is the perimeter (in m) of the circular field?

$\left(\text{Take } \pi = \frac{22}{7}\right)$

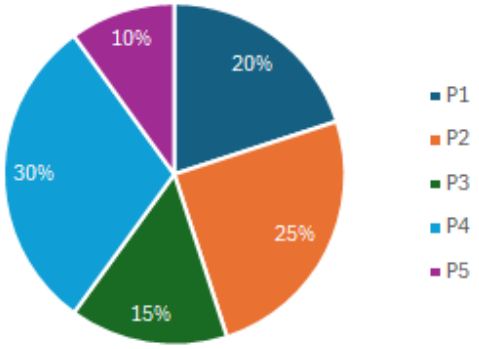
Ans
✗ A. 227
✗ B. 189
✗ C. 222
✓ D. 220

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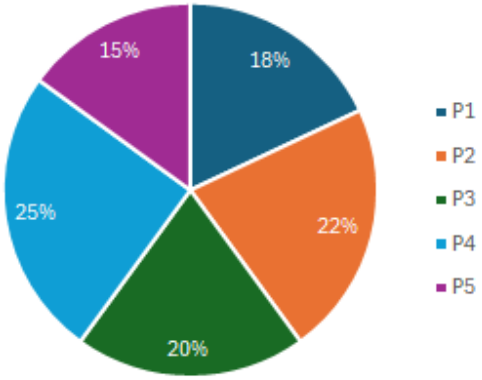
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Q.42 **A company sells five products: P1, P2, P3, P4, and P5. The two pie charts show percentage contribution to total sales revenue in 2023 and 2024. Study the pie charts and answer the question that follows.**

Pie Chart 1 – 2023 (Total Revenue ₹200 crore)



Pie Chart 2 – 2024 (Total Revenue ₹240 crore)



What percentage of the combined two-year total revenue was earned from P2 (rounded off to two decimal places)?

Ans

✔ A. 23.36%

✘ B. 26.08%

✘ C. 25.52%

✘ D. 24.11%

Q.43 **The ratio of the ages of Aisha and her mother is 2 : 5, and the ratio of the ages of Aisha's mother to her brother is 7 : 1. If Aisha's brother is 9 years younger than Aisha, what was Aisha's mother's age five years ago?**

Ans

✘ A. 40 years

✘ B. 25 years

✘ C. 35 years

✔ D. 30 years

Q.44 Find the value of $\frac{(\sin A+\cos A)^2-(\sin A-\cos A)^2}{(1+\sin A)(1-\cos A)-(\sin A-\cos A)-1}$.

Ans

✘ A. 3

✔ B. −4

✘ C. 4

✘ D. −3

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Q.45 Kaushal travelled for 23 hours 30 minutes at the speed of 52 km/h. At what speed (in km/h) should he travel to cover the same distance in 13 hours?

Ans

✗ A. 95

✗ B. 92

✓ C. 94

✗ D. 93

Q.46 The present ages of a father and his son are in the ratio 9 : 4. After 10 years, the ratio of their ages will be 11 : 6. What is the father's present age?

Ans

✗ A. 54 years

✗ B. 27 years

✗ C. 36 years

✓ D. 45 years

Q.47 If the mean of the following data is 46, then what is the value of x?

Class	10-20	20-30	30-40	40-50	50-60
Frequency	24	16	25	49	x

Ans

✓ A. 156

✗ B. 181

✗ C. 137

✗ D. 147

Q.48 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 46% and 13%, shop II allows successive discounts of 55% and 69%, shop III allows successive discounts of 47% and 68% and shop IV allows successive discounts of 91%, 98% and 18% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans

✗ A. I

✗ B. III

✓ C. IV

✗ D. II

Q.49 A and B started a business in partnership by investing ₹20,000 and ₹15,000, respectively. After six months, C joined them with ₹20,000. What will be B's share in the total profit of ₹20,000 earned at the end of 2 years from the start of the business?

Ans

✗ A. ₹5,400

✗ B. ₹7,200

✓ C. ₹6,000

✗ D. ₹6,800

Q.50 Rajat sells a property to his friend at 10% loss. If the friend sells it for 10,80,000 and gains 20%, then for how much did Rajat buy the property?

Ans

✗ A. 9,00,000

✗ B. 9,20,000

✓ C. 10,00,000

✗ D. 9,80,000

Section : **General Intelligence and Reasoning**

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Q.51 Rohit ranked 90th from the top and 56th from the bottom in his class. How many students are there in the class?

Ans
- ✔ A. 145
- ✘ B. 136
- ✘ C. 146
- ✘ D. 135

Q.52 This question is based on the given words.

SUN EGO APT CUB

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✘ A. One
- ✔ B. Two
- ✘ C. Three
- ✘ D. None

Q.53 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 4 8 @ 3 € 8 & 6 * 6 © 6 $ £ & 5 7 $ $ # 8 $ (Right)

How many such numbers are there, each of which is immediately preceded by a symbol and also immediately followed by a symbol?

Ans
- ✘ A. 8
- ✔ B. 6
- ✘ C. 5
- ✘ D. 7

Q.54 The position(s) of how many letters will remain unchanged if each letter in the word CASTLE is arranged in the English alphabetical order?

Ans
- ✘ A. Three
- ✔ B. None
- ✘ C. Two
- ✘ D. One

Q.55 In a certain code language,
A ≠ B means ' A is the wife of B',
A ₹ B means 'A is the father of B',
A ÷ B means 'A is the daughter of B' and
A ≤ B means 'A is the mother of B'.

Based on the above, how is P related to R if 'P ₹ A ÷ G ≤ E ≠ R'?

Ans
- ✘ A. Wife's father's brother
- ✔ B. Wife's father
- ✘ C. Wife's sister
- ✘ D. Wife's brother

Q.56 J is the mother of U. U is the sister of N. D is the father of R. R is the son of N. How is J related to D?

Ans
- ✘ A. Mother
- ✘ B. Wife's sister
- ✘ C. Wife
- ✔ D. Wife's mother

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Q.57 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
YZC−FGJ
UVY−BCF

Ans
✗ A. RSV−XZB
✗ B. RRT−XYB
✗ C. RRT−YZC
✓ D. RSV−YZC

Q.58 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: Some muds are stadiums. No stadium is a ground.
Conclusions:
(I) Some muds are grounds.
(II) Some stadiums are muds.

Ans
✗ A. Neither conclusion (I) nor (II) follows.
✓ B. Only conclusion (II) follows.
✗ C. Only conclusion (I) follows.
✗ D. Both conclusions (I) and (II) follow.

Q.59 What will come in place of the question mark (?) in the following equation if '+' and '×' are interchanged and '−' and '÷' are interchanged?

24 ÷ 4 + 6 − 2 × 3 = ?

Ans
✗ A. 9
✗ B. 12
✓ C. 15
✗ D. 6

Q.60 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Abhi, Bani, Chari, Dipu and Epi are sitting around a circular table, facing the centre. Who sits second to the left of Dipu?
(I) Abhi sits second to the right of Chari. Dipu sits to the immediate right of Bani.
(II) Epi sits second to the right of Dipu. Bani sits second to the right of Epi.

Ans
✗ A. Data in statements I and II together are NOT sufficient to answer the question.
✓ B. Data in statement I alone is sufficient to answer the question while data in statement II is not.
✗ C. Data in statement II alone is sufficient to answer the question while data in statement I is not.
✗ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Q.61 What should come in place of the question mark (?) in the given series?
6 11 16 21 26 ?

Ans
✗ A. 28
✓ B. 31
✗ C. 27
✗ D. 30

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Q.62 P, Q, R, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on, till the topmost floor, which is numbered 6.
U lives on floor number 5. R lives on a floor above U. Only S lives below T. Q lives on an even-numbered floor.
How many people live below P?

Ans
✗ A. Four
✗ B. One
✓ C. Two
✗ D. Three

Q.63 Refer to the following letter, number and symbol series and answer the question that follows. (Counting to be done from left to right only. All numbers are single-digit numbers only.)

(Left) 4 G @ H J * P R % 7 E & L T 5 $ 6 ! 3 M # (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by a number?

Ans
✗ A. None
✗ B. Three
✓ C. One
✗ D. Two

Q.64 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
Q sits to the immediate right of R. Only three people sit between I and J. P sits to the immediate left of J. No one sits to the right of K. Only two people sit between K and P.
How many people sit between Z and Q?

Ans
✗ A. Three
✗ B. One
✗ C. Four
✓ D. Two

Q.65 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. T is kept immediately above S. J is kept immediately above K. Only Q is kept above I. Only one box is kept between Q and T. J is not kept at the third position from the bottom. How many boxes are kept between R and Q?

Ans
✗ A. Four
✗ B. Two
✓ C. Three
✗ D. One

Q.66 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All balls are cameras. All fins are cameras.
Conclusions:
(I) Some balls are fins.
(II) Some cameras are fins.

Ans
✗ A. Neither conclusion (I) nor (II) follows.
✗ B. Only conclusion (I) follows.
✓ C. Only conclusion (II) follows.
✗ D. Both conclusions (I) and (II) follow.

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Q.67 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✗ A. CI - KO
- ✗ B. YE - GK
- ✗ C. KQ - SW
- ✓ D. RA - ZJ

Q.68 The position(s) of how many letters will remain unchanged if each letter in the word CHAMBER is arranged in the English alphabetical order?

Ans
- ✗ A. Three
- ✗ B. Zero
- ✓ C. One
- ✗ D. Two

Q.69 This question is based on the given words.

YES SIP TAR PUN

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✓ A. 2
- ✗ B. 4
- ✗ C. 1
- ✗ D. 3

Q.70 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✓ A. DFI
- ✗ B. HJL
- ✗ C. SUW
- ✗ D. PRT

Q.71 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question?
(NOTE: A two/three digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
22 - 32 - 64 - 128;
24 - 34 - 68 - 136

Ans
- ✓ A. 9 - 19 - 38 -76
- ✗ B. 19 - 38 - 48 - 96
- ✗ C. 21 - 42 - 52 - 104
- ✗ D. 18 - 28 - 56 - 66

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Q.72 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) € # 6 2 @ # 1 6 @ 1 € $ 3 9 $ 2 4 4 * £ 6 6 (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✗ A. 3
- ✓ B. 2
- ✗ C. 1
- ✗ D. 4

Q.73 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7168543, how many digits will appear more than once in the new number thus formed?

Ans
- ✗ A. One
- ✗ B. None
- ✗ C. Two
- ✓ D. Three

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DHC FJE HLG JNI ?

Ans
- ✓ A. LPK
- ✗ B. LOK
- ✗ C. LOJ
- ✗ D. LPJ

Q.75 Six friends E, F, G, H, L and M are sitting in a straight line, facing north. No one sits to the right of M. Only three people sit between M and F. Only two people sit between E and M. H sits third to the left of G. How many people sit between L and H?

Ans
- ✗ A. Two
- ✓ B. Three
- ✗ C. One
- ✗ D. Four

Q.76 IN 28 is related to JQ 17 in a certain way. In the same way, TT 20 is related to UW 9. To which of the following is PU 16 related, following the same logic?

Ans
- ✓ A. QX 5
- ✗ B. RX 7
- ✗ C. RW 7
- ✗ D. QW 5

Q.77 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:
Among L, M, N, O, and P each having a different age, who is the second youngest?

Statements:
I. O is older than M and L but younger than P.
II. N is older than O. L is not the youngest.

Ans
- ✗ A. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✗ B. Both statements I and II together are NOT sufficient to answer the question
- ✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✓ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

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Q.78 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
9 - 34 + 38 × 18 ÷ 27 = ?

Ans
- ✗ A. -12
- ✗ B. -13
- ✗ C. -16
- ✓ D. -14

Q.79 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
FUEL – LFEU – ELFU
MINT – TMNI – NTMI

Ans
- ✗ A. DUSK – KDUS – SKDU
- ✓ B. EARL – LERA – RLEA
- ✗ C. PACE – EPCA – CPAE
- ✗ D. NOTE – ENTO – OTEN

Q.80 13 is related to 143 following a certain logic. Following the same logic, 5 is related to 15. To which of the given options is 7 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 42
- ✓ B. 35
- ✗ C. 56
- ✗ D. 36

Section : General Awareness and Current Affairs

Q.81 Which DRDO-developed indigenous system successfully completed maiden flight trials in May 2026 and can enable conventional aerial bombs to function as precision-guided glide weapons?

Ans
- ✗ A. Terminal Aviation Reconnaissance Assembly (TARA-II) system
- ✗ B. Strategic Air Defence Rocket Application (SADRA) system
- ✗ C. Indigenous Naval Strike Augmentation (INSA) system
- ✓ D. Tactical Advanced Range Augmentation (TARA) system

Q.82 In May 2026, the Government of India launched the Country Strategic Opportunities Programme (COSOP) 2026–2033 in partnership with which international organisation to strengthen rural incomes, resilience, and sustainable livelihood opportunities?

Ans
- ✓ A. International Fund for Agricultural Development
- ✗ B. World Bank
- ✗ C. Food and Agriculture Organization
- ✗ D. Asian Development Bank

Q.83 Who was appointed as the new Vice-Chairman of NITI Aayog in April 2026?

Ans
- ✗ A. Vir Vikram Yadav
- ✓ B. Ashok Kumar Lahiri
- ✗ C. Shashi Shekhar Vempati
- ✗ D. Sanjay Kumar

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Q.84 Which organisation collaborated with DRDO to successfully conduct the launch of the Agni-Prime missile in September 2025?

Ans

✗ A. Indian Space Research Organisation (ISRO)

✗ B. Indian Army Artillery Corps

✗ C. Defence Acquisition Council (DAC)

✓ D. Strategic Forces Command (SFC)

Q.85 Which of the following organisations successfully flight-tested the indigenously developed third-generation fire-and-forget Man Portable Anti-Tank Guided Missile (MPATGM) with top-attack capability in January 2026?

Ans

✗ A. Department of Ex-Servicemen Welfare

✗ B. Department of Defence Production

✓ C. Defence Research and Development Organisation

✗ D. Hindustan Aeronautics Limited

Q.86 Which party won the 2025 Delhi Legislative Assembly elections with a clear majority?

Ans

✗ A. Indian National Congress (INC)

✗ B. Bahujan Samaj Party (BSP)

✓ C. Bharatiya Janata Party (BJP)

✗ D. Aam Aadmi Party (AAP)

Q.87 The RBI's Monetary Policy Committee, in its October 2025 meeting, kept the **repo rate unchanged at**:

Ans

✗ A. 4.75%

✓ B. 5.50%

✗ C. 5.00%

✗ D. 6.00%

Q.88 Which internationally acclaimed author, best known for 'The Fault in Our Stars', will make his adult fiction debut with the novel 'Hollywood, Ending' in September 2026?

Ans

✓ A. John Green

✗ B. Rainbow Rowell

✗ C. David Levithan

✗ D. Angie Thomas

Q.89 The achievement of 20% ethanol blending in petrol by India in 2025, as highlighted by the Union Minister of Petroleum and Natural Gas, primarily supports which national objective?

Ans

✗ A. Expanding coal-based power generation

✓ B. Promoting clean and renewable energy

✗ C. Increasing crude oil imports

✗ D. Reducing agricultural output

Q.90 Who was the BJP leader who defeated AAP's Manoj Tyagi in the Karawal Nagar constituency in the 2025 Delhi Legislative Assembly elections?

Ans

✗ A. Ashish Sood

✗ B. Ravinder Indraj Singh

✗ C. Pankaj Kumar Singh

✓ D. Kapil Mishra

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Q.91 **In which Indian state were the 60th National Cross Country Championships hosted in January 2026?**

Ans

✗ A. Punjab

✓ B. Jharkhand

✗ C. Odisha

✗ D. Bihar

Q.92 **Which athlete won the gold medal in the Men's 400 m Run T46/T47 event at the World Para Athletics Grand Prix 2026?**

Ans

✗ A. Devendra Jhajharia

✗ B. Nishad Kumar

✓ C. Bhavikkumar Din Bharwad

✗ D. Mariyappan Thangavelu

Q.93 **In May 2026, the Vice President of India released *The Library Man of India: The Story of P.N. Panicker*. Who authored this book?**

Ans

✗ A. Shivraj Singh Chouhan

✓ B. P. P. Sathyan

✗ C. Vijay Goel

✗ D. Shashi Tharoor

Q.94 **In April 2026, the Ministry of Social Justice and Empowerment launched the NMBA 2.0 App to strengthen monitoring under which of the following campaigns?**

Ans

✗ A. Fit India Movement

✗ B. Beti Bachao Beti Padhao

✗ C. Poshan Abhiyaan

✓ D. Nasha Mukt Bharat Abhiyaan

Q.95 **The 7th meeting of the National Board for Wildlife (NBWL) held in March 2025, was chaired by the Prime Minister at which National Park?**

Ans

✗ A. Bandipur National Park

✓ B. Gir National Park

✗ C. Kaziranga National Park

✗ D. Jim Corbett National Park

Q.96 **Which purpose was associated with JANANI (Journey of Antenatal, Natal and Neonatal Integrated Care), the service-oriented digital platform launched by the Ministry of Health and Family Welfare in 2026?**

Ans

✓ A. Seamless tracking and monitoring of maternal and child health services

✗ B. Managing nationwide cold-chain logistics and real-time inventory of infant vaccines across districts

✗ C. Providing automated virtual consultation and telemedicine services to elderly citizens in rural areas

✗ D. Facilitating direct benefit cash transfers to eligible pregnant women under institutional delivery schemes

Q.97 **Which of the following teams won the Vijay Hazare Trophy 2025–26?**

Ans

✗ A. Mumbai

✓ B. Vidarbha

✗ C. Saurashtra

✗ D. Karnataka

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Q.98 **Which of the following mascots represents the United States for the FIFA 2026 World Cup?**

Ans

✔ A. Clutch the Bald Eagle

✘ B. Zayu the Jaguar

✘ C. Maple the Moose

✘ D. Misha the Friendly Bear

Q.99 **Who was elected as the Chief Minister of Tamil Nadu in May 2026?**

Ans

✔ A. C. Joseph Vijay

✘ B. Edappadi K. Palaniswami

✘ C. M. K. Stalin

✘ D. Udhayanidhi Stalin

Q.100 **The novel “John of John”, published in May 2026 and selected as an Oprah’s Book Club Pick, is authored by which Booker Prize-winning writer?**

Ans

✘ A. Salman Rushdie

✔ B. Douglas Stuart

✘ C. Andrew O'Hagan

✘ D. Kazuo Ishiguro

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रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	21/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **A student claims that a stationary object has kinetic energy because it has mass. Evaluate this statement.**

Ans

✗ A. The statement is correct only for objects on Earth

✓ B. The statement is incorrect because kinetic energy requires motion

✗ C. The statement is incorrect because only energy in motion counts as potential energy

✗ D. The statement is correct because all objects with mass have kinetic energy

Q.2 **A technician wants to decrease the magnetic effect around a current-carrying wire without changing the wire's material or environment. Which method should be used?**

Ans

✗ A. Increase the length of the wire used

✗ B. Change the wire's path to a straight line

✗ C. Make the wire thinner without changing the current

✓ D. Reduce the amount of current flowing through the wire

Q.3 **How do micelles enable soaps to function effectively in cleaning oily stains from clothes?**

Ans

✗ A. They chemically break down oily molecules into polar fragments that can evaporate easily.

✗ B. They coat the fabric surface with a hydrophobic layer that prevents water from sticking.

✓ C. They surround and trap non-polar substances, making them soluble in water

✗ D. They increase the pH of water so that oils form solid precipitates that can be washed away.

Q.4 **Which products are always formed during a complete neutralization chemical reaction?**

Ans

✓ A. Salt and water

✗ B. Metal and gas

✗ C. Gas and salt

✗ D. Acid and base

Q.5 **Considering the versatility of carbon, which scenario most accurately represents its role in environmental science?**

Ans

✗ A. Formation of magnesium oxide in rocks

✗ B. Formation of sodium carbonate in water

✓ C. Formation of carbon dioxide in respiration

✗ D. Use of calcium carbonate in bones

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Q.6 Match **Column A** with **Column B**.

	Column A		Column B
(a)	Alveoli	(i)	Prevents food entry into the trachea
(b)	Haemoglobin	(ii)	Gas exchange
(c)	Diaphragm	(iii)	Oxygen transport
(d)	Epiglottis	(iv)	Helps in inhalation

Ans
- ✗ A. a–ii, b–iv, c–iii, d–i
- ✗ B. a–iii, b–ii, c–iv, d–i
- ✓ C. a–ii, b–iii, c–iv, d–i
- ✗ D. a–iv, b–iii, c–ii, d–i

Q.7 **A toy car of mass 0.5 kg moves with speed 2 m/s, Its kinetic energy is:**

Ans
- ✗ A. 2.5 J
- ✗ B. 2 J
- ✗ C. 0.5 J
- ✓ D. 1 J

Q.8 **Which property is most commonly observed in ionic compounds like sodium chloride?**

Ans
- ✗ A. High electrical conductivity in solid state
- ✓ B. High melting and boiling points
- ✗ C. Poor electrical conductivity in molten state
- ✗ D. Low melting and boiling points

Q.9 **Which arrangement correctly shows the distribution of electrons in the orbits of the element sodium (atomic number 11)?**

Ans
- ✓ A. 2,8,1
- ✗ B. 2,9
- ✗ C. 1,8,2
- ✗ D. 3,9

Q.10 **If all the snakes in a food chain disappear, what will be the immediate effect on the food chain?**

Ans
- ✗ A. Tree population will decrease
- ✗ B. Tiger population will increase
- ✗ C. Grass population will decrease
- ✓ D. Frog population will increase

Q.11 **Seat belts in cars are provided to protect passengers during sudden braking or collision because of:**

Ans
- ✓ A. Inertia of motion
- ✗ B. Inertia of direction
- ✗ C. Inertia of rest
- ✗ D. Friction

Q.12 **A cyclist travels 60 metres north and then 80 metres south in 20 seconds. What is the magnitude of his average velocity?**

Ans
- ✗ A. Zero metres per second
- ✗ B. Seven metres per second
- ✓ C. One metre per second
- ✗ D. Five metres per second

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Q.13 **Which of the following is NOT a use of bleaching powder?**

Ans

✗ A. Bleaching cotton and linen

✗ B. Manufacturing chloroform

✓ C. Removing hardness of water

✗ D. Disinfecting drinking water

Q.14 **If two atoms of the same element have different mass numbers but the same number of protons, which subatomic particle is responsible for this difference?**

Ans

✗ A. Positron

✗ B. Electron

✓ C. Neutron

✗ D. Proton

Q.15 **Match the excretory product in Column A with the organ that removes it in Column B.**

Column A (Excretory Product)	Column B (Organ)
(a) Urea	(i) Liver
(b) Carbon dioxide	(ii) Lungs
(c) Excess salts	(iii) Skin
(d) Bile salts	(iv) Kidney

Ans

✗ A. a–iv, b–iii, c–i, d–ii

✗ B. a–iii, b–iv, c–ii, d–i

✗ C. a–ii, b–i, c–iv, d–iii

✓ D. a–iv, b–ii, c–iii, d–i

Q.16 **How does a stethoscope use the principle of reflection of sound?**

Ans

✗ A. By absorbing sound waves

✗ B. By filtering sound by frequency

✓ C. Through multiple reflections within its tube to transmit heartbeat sounds

✗ D. By directing sound outward

Q.17 **The absence of a nucleus in mature RBCs provides more room for _____, which carries oxygen to the body.**

Ans

✗ A. DNA

✗ B. Chlorophyll

✓ C. Hemoglobin

✗ D. Lysosomes

Q.18 **Which of the following is a property of a suspension?**

Ans

✗ A. Homogeneous mixture

✗ B. Particles do not settle down

✓ C. Can be separated by filtration

✗ D. Particles are smaller than 1 nm

Q.19 **Name the process of selective cell destruction that helps in the formation of separate fingers during embryonic development.**

Ans

✗ A. Plasmolysis

✗ B. Meiosis

✓ C. Programmed cell death

✗ D. Mitosis

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Q.20 If a lens produces an image twice as tall as the object, what is the magnification produced by the lens?

Ans

✔ A. 2

✘ B. 1

✘ C. -2

✘ D. 0.5

Q.21 What are the end products formed during anaerobic respiration in yeast cells?

Ans

✘ A. Glucose and oxygen

✘ B. Lactic acid and water

✘ C. Water and oxygen

✔ D. Ethanol and carbon dioxide

Q.22 A clinical investigation identifies a unicellular, motile, eukaryotic organism that ingests bacteria for food. Which is the best position for this organism in the five kingdom system?

Ans

✘ A. Fungi

✔ B. Protista

✘ C. Animalia

✘ D. Monera

Q.23 A real, inverted image is formed at a distance of 30 cm in front of a concave mirror when an object is placed 60 cm from the mirror. Which statement best describes the focal length of the mirror?

Ans

✔ A. The focal length of the mirror is - 20 cm

✘ B. The focal length of the mirror is + 15 cm

✘ C. The focal length of the mirror is - 30 cm

✘ D. The focal length of the mirror is + 10 cm

Q.24 A field ecologist studies fish in a high-altitude lake with low oxygen. Which structural adaptation in the gills would most likely be observed?

Ans

✘ A. Fewer capillaries in gill tissue

✘ B. Thicker gill membranes

✔ C. Greater surface area for gas exchange

✘ D. Reduced blood flow in gills

Q.25 Which rule is used to determine the direction of the magnetic field at the centre of a circular current-carrying loop?

Ans

✘ A. Joule's law of heating

✘ B. Fleming's left hand rule

✔ C. Right-hand thumb rule

✘ D. Ohm's law

Section : **Mathematics**

Q.26 Which of the following ratios is the greatest?

Ans

✘ A. 3:4

✔ B. 4:5

✘ C. 5:7

✘ D. 7:10

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Q.27 The price of an article becomes ₹18,000 when increased by 12.5%. Find the original income of the article.

Ans
- ✔ A. ₹16,000
- ✘ B. ₹14,000
- ✘ C. ₹18,000
- ✘ D. ₹20,000

Q.28 A trader marks his goods at 45% above the cost price and allows a discount of 17% on it. If he gains x%, then value of x is:

Ans
- ✘ A. 19.35
- ✘ B. 21.35
- ✔ C. 20.35
- ✘ D. 22.35

Q.29 At what rate percent per annum will a certain sum of money multiply itself by 9 times in 2 years, the interest being compounded annually?

Ans
- ✘ A. 75
- ✘ B. 150
- ✘ C. 100
- ✔ D. 200

Q.30 In ∆ ABC, D, E and F are the mid-points of sides AB, BC and CA, respectively. Four triangles, Δ ADF, Δ BDE, Δ CEF and Δ DEF are formed by using A, B, C, D, E and F.

The following observations are made about these four triangles.
i. All the four triangles have equal perimeter.
ii. All the four triangles have equal area.

Which of the following is true regarding the given observations?

Ans
- ✘ A. Only (i) is true.
- ✘ B. Neither (i) nor (ii) is true.
- ✘ C. Only (ii) is true.
- ✔ D. Both (i) and (ii) are true.

Q.31 A ship takes 15.5 hours for travelling downstream from point M to point N and coming back to a point P midway between M and N. If the speed of the stream is 3.5 kmph and the speed of the ship in still water is 11.5 kmph, what is the distance between M and N?

Ans
- ✘ A. 110 km
- ✔ B. 120 km
- ✘ C. 105 km
- ✘ D. 118 km

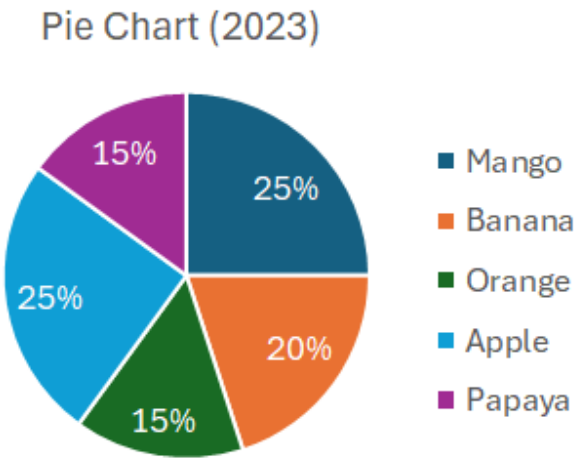
Q.32 Income of Peter was ₹6,000. The company he worked for came under loss and his salary was reduced by 20%. After a year, the company gave him a 30% increase on the reduced income. Compare Peter's final income with his original income and calculate by how much more or less his final income is.

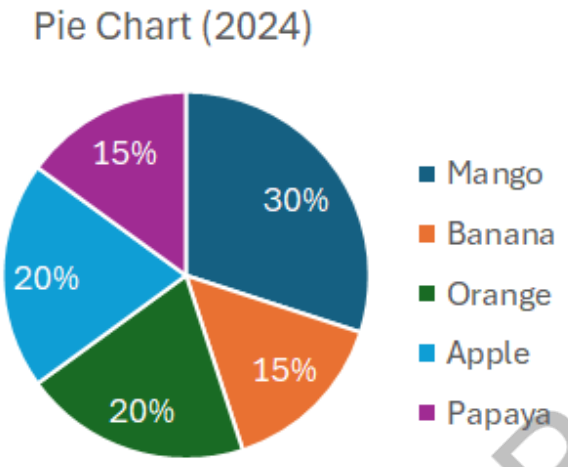
Ans
- ✘ A. More by ₹200
- ✔ B. More by ₹240
- ✘ C. Less by ₹200
- ✘ D. Less by ₹240

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Q.33 The two given pie charts show the distribution of production (in tonnes) of different fruits in a farm for Year 2023 and Year 2024.
Total production:
2023 → 2400 tonnes
2024 → 3000 tonnes





The production of which fruit increased by the highest percentage from 2023 to 2024?

Ans
✗ A. Banana
✗ B. Mango
✓ C. Orange
✗ D. Papaya

Q.34 A hollow cylindrical pipe is 40 cm long. Its external radius is 8 cm and internal radius is 3 cm. If the material costs ₹1 per cm^3, then find the cost of the pipe (₹). (Use $\pi = 3.14$)

Ans
✗ A. ₹6160
✗ B. ₹6788
✗ C. ₹6645
✓ D. ₹6908

Q.35 Two years ago, Rohit's age was four times that of his son. Five years from now, the ratio of Rohit's age to his son's age will be 5 : 2. What will be the age of his son five years from now?

Ans
✗ A. 18 years
✗ B. 9 years
✗ C. 13 years
✓ D. 14 years

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Q.36 Three-fifths of a certain number is equivalent to 70% of another number. What is the ratio of the first number to the second number?

Ans

✔ A. 7 : 6

✘ B. 5 : 6

✘ C. 4 : 5

✘ D. 6 : 7

Q.37 Krish can prepare one wooden wardrobe in 2 days, and Moksh can prepare the same wardrobe in 4 days. If they work together, in how many days will they prepare 114 wardrobes?

Ans

✘ A. 148

✔ B. 152

✘ C. 156

✘ D. 154

Q.38 What is the value of (6x + 9y), if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	9	16	x	2	y	70

Ans

✘ A. 301

✘ B. 312

✔ C. 306

✘ D. 297

Q.39 A sum of ₹30,000 is invested in each of two different schemes for 2 years. The first scheme offers compound interest at 8% per annum, compounded annually, while the second scheme offers compound interest at 6% per annum, compounded annually. Find the difference between the compound interest earned from the two schemes.

Ans

✘ A. ₹1087

✘ B. ₹1344

✘ C. ₹1210

✔ D. ₹1284

Q.40 Find the value of $\sqrt{\frac{\tan\theta + \sin\theta}{\tan\theta - \sin\theta}} - \operatorname{cosec}\theta$.

Ans

✘ A. cosec θ − cot θ

✘ B. cosec θ + cot θ

✘ C. cosec θ

✔ D. cot θ

Q.41 The mean of n observations 1, 4, 9, 16, ..., n^2 is 130. What is the value of n?

Ans

✘ A. 15

✘ B. 13

✔ C. 19

✘ D. 20

Q.42 If $x = 5^3 \times 5^2$, then what is the value of $x \div 5^4$?

Ans

✔ A. 5

✘ B. 10

✘ C. 15

✘ D. 25

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Q.43 Kaushal travelled for 16 hours 15 minutes at the speed of 64 km/h. At what speed (in km/h) should he travel to cover the same distance in 10 hours?

Ans
- ✗ A. 103
- ✓ B. 104
- ✗ C. 105
- ✗ D. 106

Q.44 Find the simple interest (in ₹) on ₹1,500 at an interest rate of 3% per month in 6 months.

Ans
- ✓ A. 270
- ✗ B. 22.5
- ✗ C. 45
- ✗ D. 42.5

Q.45 If $x = \sqrt{36} + (5)^2$, then find the value of x.

Ans
- ✗ A. 30
- ✓ B. 31
- ✗ C. 32
- ✗ D. 28

Q.46 Simplify $(2\cos^2 A - 1)\left(\frac{1+\tan A}{1-\tan A} + \frac{1-\tan A}{1+\tan A}\right)$.

Ans
- ✓ A. 2
- ✗ B. $2\cos^2 A$
- ✗ C. 1
- ✗ D. $2\tan^2 A$

Q.47 The average marks of 21 students is 32. If the first 10 students' average marks is 30 and the last 10 students' average marks is 31, find the marks of the 11th student.

Ans
- ✗ A. 64
- ✗ B. 65
- ✗ C. 60
- ✓ D. 62

Q.48 The sides of a rectangular field are 63 m and 22 m long. Its area is equal to the area of a circular field. What is the perimeter (in m) of the circular field?

$\left(\text{Take } \pi = \frac{22}{7}\right)$

Ans
- ✗ A. 152
- ✓ B. 132
- ✗ C. 119
- ✗ D. 146

Q.49 What is the least value that must be assigned to A so that the number 659A9422 is divisible by 3?

Ans
- ✗ A. 7
- ✗ B. 1
- ✓ C. 2
- ✗ D. 4

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Q.50 The marked price of a cooker is the same at four shops I, II, III and IV. Shop I allows two successive discounts of 97% and 13%, shop II allows successive discounts of 43% and 31%, shop III allows successive discounts of 73% and 14% and shop IV allows successive discounts of 97%, 83% and 24% on the marked price of the cooker. Which shop is selling the cooker at the lowest price?

Ans
- ✔ A. IV
- ✘ B. III
- ✘ C. II
- ✘ D. I

Section : **General Intelligence and Reasoning**

Q.51 If 'F' stands for 'x', 'G' stands for '÷', 'H' stands for '+', and 'I' stands for '-', what will come in place of the question mark '?' in the following equation?

8 F 2 G 4 H 5 I 3 = ?

Ans
- ✘ A. 10
- ✘ B. 8
- ✘ C. 9
- ✔ D. 6

Q.52 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✘ A. QSV
- ✘ B. NPS
- ✔ C. CEG
- ✘ D. FHK

Q.53 H is the father of L. F is the wife of H. T is the mother of F. L is the brother of M. How is T related to M?

Ans
- ✘ A. Sister
- ✘ B. Wife's mother
- ✔ C. Mother's mother
- ✘ D. Brother's wife

Q.54 Seven students, I, J, K, P, Q, R and Z, are sitting in a row, facing north.
Z sits to the immediate left of K. No one sits to the left of P. Only four people sit between P and I. Only three people sit to the right of J. Q is not an immediate neighbor of J.
Who sits at the rightmost end of the row?

Ans
- ✘ A. P
- ✘ B. I
- ✔ C. Q
- ✘ D. Z

Q.55 If 'P' stands for '–' and 'Q' stands for '×', what will come in place of the question mark (?) in the following equation?

25 Q 3 P 10 = ?

Ans
- ✘ A. 75
- ✘ B. 60
- ✘ C. 70
- ✔ D. 65

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Q.56 Each of G, H, I, B, C, D and E has exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Only one person has exam between C and G. Only two people have exam before H. Only one person has exam after B. Only three people have exam between H and D. E has exam immediately before C.
How many people have exam between I and C?

Ans
- ✗ A. Three
- ✗ B. Four
- ✗ C. One
- ✓ D. Two

Q.57 This question is based on the given words.

LIP MAT CAN LAD

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans
- ✗ A. 2
- ✗ B. 4
- ✓ C. 3
- ✗ D. 1

Q.58 Refer to the given number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.

(Left) 2 8 1 3 4 5 7 1 6 3 4 8 5 1 2 7 9 7 2 9 6 3 1 5 (Right)

How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans
- ✗ A. Three
- ✓ B. Five
- ✗ C. Two
- ✗ D. Four

Q.59 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Question:
Five bags – J, K, L, M, and N are of different weights. Among these, which one is the heaviest?

Statements:
(I) M is heavier than K and J but lighter than N.
(II) L is heavier than N. J is not the heaviest.

Ans
- ✗ A. Both statements I and II together are NOT sufficient to answer the question
- ✗ B. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✗ C. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✓ D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

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Q.60 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Among five weights – W, X, Y, Z, and V – which is the heaviest?
(I) X is heavier than W and Y but lighter than Z.
(II) V is heavier than X but lighter than Z.

Ans
- ✔ A. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✘ B. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✘ C. Both statements I and II together are NOT sufficient to answer the question.
- ✘ D. Data in statement I alone is sufficient to answer the question while data in statement II is not.

Q.61 This question is based on the given words.

DOG ASK COD FIT

If in each of the words, each letter is changed to the letter immediately following it in the English alphabetical order, how many group of letters thus formed will have no vowel?

Ans
- ✘ A. None
- ✘ B. Three
- ✔ C. One
- ✘ D. Two

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
- ✘ A. KS – TD
- ✔ B. RA – TY
- ✘ C. OW – XH
- ✘ D. IQ – RB

Q.63 Refer to the given number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) £ 9 $ £ £ % € 6 3 3 1 8 & 3 © # * 7 * & 3 & (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?

Ans
- ✘ A. 0
- ✘ B. 3
- ✘ C. 2
- ✔ D. 1

Q.64 Six friends E, F, G, H, L and M are sitting in a straight line, facing north. Only E sits to the left of G. Only three people sit between E and L. Only H sits between G and F, and G is not an immediate neighbor of L. How many people sit between M and G?

Ans
- ✘ A. Two
- ✘ B. One
- ✘ C. Four
- ✔ D. Three

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Q.65 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

NQS−PSU
KNP−MPR

Ans
- ✗ A. UWX−VYA
- ✗ B. UWX−WZB
- ✗ C. UXZ−VZA
- ✓ D. UXZ−WZB

Q.66 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AEH CGJ EIL GKN ?

Ans
- ✗ A. INO
- ✓ B. IMP
- ✗ C. IMO
- ✗ D. INP

Q.67 8 is related to 25 following a certain logic. Following the same logic, 16 is related to 49. To which of the given options is 30 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✗ A. 106
- ✓ B. 91
- ✗ C. 90
- ✗ D. 81

Q.68 The position(s) of how many letters will remain unchanged if each letter in the word FIGHTER is arranged in the English alphabetical order?

Ans
- ✗ A. Three
- ✓ B. Two
- ✗ C. Four
- ✗ D. One

Q.69 Seven boxes I, J, K, Q, R, S and T are kept one over the other but not necessarily in the same order. Only four boxes are kept above T. Only three boxes are kept between Q and T. Only one box is kept between I and K. K is kept immediately above T. Only four boxes are kept between I and S. J is kept at some place above R. Which box is kept second below J?

Ans
- ✗ A. R
- ✓ B. T
- ✗ C. I
- ✗ D. K

Q.70 Refer to the following letter, number, symbol series and answer the question. All numbers are single digit numbers only. Counting to be done from left to right only.

(Left) 3 H 7 $ R @ 9 T % 4 K 2 & M ! 6 P 9 * D # (Right)

How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by a number?

Ans
- ✗ A. Two
- ✗ B. One
- ✗ C. None
- ✓ D. Three

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Q.71 In a row of people all facing the north, Hira is 12th from the left end.Tisha is 22nd from the left end.Tisha is exactly between Hira and Kashish. If Kashish is 13th from the right end of the line, how many people are there in the row?

Ans
- ✗ A. 41
- ✗ B. 43
- ✗ C. 42
- ✓ D. 44

Q.72 In a certain code language,
A + B means 'A is the father of B',
A @ B means ' A is the wife of B',
A < B means 'A is the brother of B',
and A # B means 'A is mother of B'.

How is I related to X if 'I # J + O < P @ X'?

Ans
- ✗ A. Wife's mother
- ✗ B. Wife's father's sister
- ✓ C. Wife's father's mother
- ✗ D. Wife's father's brother

Q.73 The position(s) of how many letters will remain unchanged if each letter in the word DOSAGE is arranged in the English alphabetical order?

Ans
- ✗ A. Three
- ✓ B. None
- ✗ C. One
- ✗ D. Two

Q.74 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
18 - 8 - 64 - 74;
19 - 9 - 81 - 91

Ans
- ✗ A. 17 - 7 - 49 - 39
- ✗ B. 12 - 2 - 4 - 2
- ✗ C. 20 - 10 - 100 - 120
- ✓ D. 16 - 6 - 36 - 46

Q.75 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and select the appropriate answer.

Q. Avi, Bina, Cara, Dola and Emma are sitting around a circular table, facing the centre. Who sits to the immediate right of Emma?
(I) Avi sits to the immediate left of Cara. Dola sits third to the right of Cara.
(II) Bina sits second to the right of Cara. Dola is the immediate neighbour of Avi and Bina.

Ans
- ✓ A. Data in statement II alone is sufficient to answer the question while data in statement I is not.
- ✗ B. Data in statement I alone is sufficient to answer the question while data in statement II is not.
- ✗ C. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.
- ✗ D. Data in statements I and II together are NOT sufficient to answer the question.

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Q.76 What should come in place of the question mark (?) in the given series?
13 20 28 37 47 ?

Ans
✔ A. 58
✘ B. 59
✘ C. 56
✘ D. 57

Q.77 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements: All trees are cranes. All cranes are babies.
Conclusions:
(I) Some babies are cranes.
(II) All trees are babies.

Ans
✘ A. Neither conclusion (I) nor (II) follows.
✔ B. Both conclusions (I) and (II) follow.
✘ C. Only conclusion (I) follows.
✘ D. Only conclusion (II) follows.

Q.78 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

JHL−HFJ
RPT−PNR

Ans
✘ A. YWA−VUX
✘ B. YVY−VTX
✘ C. YVY−WUY
✔ D. YWA−WUY

Q.79 If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '−', then what will come in place of question mark (?) in the following equation?

8 B 5 D 8 A 2 C 4 = ?

Ans
✔ A. 40
✘ B. 43
✘ C. 41
✘ D. 42

Q.80 IOLK is related to WCZY in a certain way based on the English alphabetical order. In the same way, MSPO is related to AGDC. To which of the following options is CIFE related, following the same logic?

Ans
✘ A. QWER
✔ B. QWTS
✘ C. QWSA
✘ D. QYTR

Section : **General Awareness and Current Affairs**

Q.81 On the occasion of which event did the Union Home Minister and Minister of Cooperation Amit Shah address the 'Janjati Sanskritik Samagam' organised in New Delhi as the Chief Guest in May 2026?

Ans
✘ A. Azadi Ka Amrit Mahotsav celebrations
✔ B. 150th birth anniversary year of Bhagwan Birsa Munda
✘ C. World Tribal Day celebrations
✘ D. 75th anniversary of the Constitution of India

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Q.82 What was the name of the programme dedicated to the nation by Dr. Jitendra Singh in May 2026 to promote early intervention and affordable healthcare for rare genetic disorders and genome-based precision medicine?

Ans

✗ A. SAKSHAM

✗ B. AYUSH

✗ C. UMANG

✓ D. UMMID

Q.83 Where was the Thirty-Seventh Meeting of the Parties to the Montreal Protocol (MOP37) held in November 2025?

Ans

✗ A. Geneva, Switzerland

✓ B. Nairobi, Kenya

✗ C. Bangkok, Thailand

✗ D. Vienna, Austria

Q.84 Which mission, notified by the Government of India on 11 May 2026, aimed to strengthen rural employment and livelihood opportunities while replacing the Mahatma Gandhi National Rural Employment Guarantee programme?

Ans

✓ A. Viksit Bharat – Guarantee for Rozgar and Ajeevika Mission (Gramin)

✗ B. Pradhan Mantri Gramin Rozgar Abhiyan

✗ C. Gramin Kaushal Evam Rozgar Yojana

✗ D. National Rural Livelihood and Employment Mission

Q.85 What was the venue of the final match of the 2026 ICC Men's T20 World Cup, where India defeated New Zealand to win the title?

Ans

✗ A. Wankhede Stadium, Mumbai

✗ B. Eden Gardens, Kolkata

✓ C. Narendra Modi Stadium, Ahmedabad

✗ D. M. Chinnaswamy Stadium, Bengaluru

Q.86 The Quad foreign ministers' meeting was held in which of the following cities of India on May 26, 2026?

Ans

✗ A. Mumbai

✗ B. Jaipur

✗ C. Kolkata

✓ D. New Delhi

Q.87 Which of the following books, published in May 2026, provides a detailed account of Shivraj Singh Chouhan's 35-year association with Prime Minister Narendra Modi, highlighting organisational strategy and nation-building?

Ans

✗ A. Journey of Governance

✗ B. Leadership Unveiled

✗ C. Sankalp Se Siddhi

✓ D. Apnapan

Q.88 Which country officially adopted the euro as its national currency on 1 January 2026, becoming the 21st member of the Eurozone?

Ans

✓ A. Bulgaria

✗ B. Romania

✗ C. Hungary

✗ D. Croatia

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Q.89 The theme for National Voters' Day 2026 was “My India, My Vote” with which of the following taglines?

Ans

✔ A. Citizen at the Heart of Indian Democracy

✘ B. Strengthening Democracy Through Participation

✘ C. Every Vote Builds the Nation’s Future

✘ D. Empowering Citizens for Electoral Integrity

Q.90 Rob Jetten, who was sworn in as Prime Minister in February 2026, became the youngest and first openly gay person to hold the office in which European country?

Ans

✔ A. The Netherlands

✘ B. Belgium

✘ C. Sweden

✘ D. Denmark

Q.91 Who took oath as the Chief Minister of Kerala after the 2026 Kerala Legislative Assembly elections?

Ans

✘ A. Pinarayi Vijayan

✔ B. V. D. Satheesan

✘ C. K. Sudhakaran

✘ D. Shashi Tharoor

Q.92 The Federation Cup 2026 saw a major upset in the Men’s Shot Put. Which athlete defeated the two-time Asian Games champion to secure a Commonwealth Games berth?

Ans

✘ A. Tajinderpal Singh Toor

✔ B. Samardeep Singh Gill

✘ C. Praveen Chithravel

✘ D. Karanveer Singh

Q.93 Which team was defeated by India in the final of the 2026 ICC Under-19 Men’s Cricket World Cup to secure a record sixth title?

Ans

✘ A. New Zealand

✘ B. Australia

✔ C. England

✘ D. South Africa

Q.94 In the Bihar state election 2025, which party won the largest seats?

Ans

✘ A. Rashtriya Janata Dal - RJD

✔ B. Bharatiya Janata Party - BJP

✘ C. Indian National Congress - INC

✘ D. Janata Dal (United) - JD(U)

Q.95 What was the theme of the National Voters' Day 2026 observed across India to encourage youth participation and strengthen democratic values?

Ans

✘ A. Power of Every Vote

✘ B. One Nation, One Election

✘ C. Democracy Through Participation

✔ D. My India, My Vote

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Q.96 According to the provisions highlighted in the 2026 Budget, which key feature was included in the Viksit Bharat Guarantee for Rozgar and Ajeevika Mission (Gramin) [VB-GRAM G] Act, 2025, for rural households?

Ans

✗ A. Universal pension coverage for all rural workers above 60 years of age

✓ B. Statutory enhancement of guaranteed wage employment from 100 days to 125 days per financial year

✗ C. Provision of interest-free agricultural loans to all rural households

✗ D. Mandatory crop insurance coverage for every rural household

---

Q.97 In January 2026, DRDO successfully tested its full-scale scramjet engine at the Scramjet Connect Pipe Test (SCPT) facility in Hyderabad. What was the key result of this test?

Ans

✓ A. Long hypersonic engine run for over twelve minutes

✗ B. Short supersonic flight using regular engines

✗ C. Launch of a ready-to-use hypersonic missile

✗ D. Development of a new guided missile system

Q.98 Who recorded a new World Record in the 50m Rifle 3 Positions event in February 2026?

Ans

✓ A. Aishwary Pratap Singh Tomar

✗ B. Abhinav Bindra

✗ C. Niraj Kumar

✗ D. Gagan Narang

Q.99 Which institution had developed the nano-enabled innovation for rapid removal of toxic plastic pollutants from water, an initiative aligned with Namami Gange, Swachh Bharat, Jal Jeevan Mission, and the UN Sustainable Development Goals in January 2026?

Ans

✗ A. National Environmental Engineering Research Institute

✗ B. Indian Institute of Technology Delhi

✗ C. Indian Institute of Science Bengaluru

✓ D. Indian Institute of Technology Roorkee

Q.100 What decision did the RBI take in its Monetary Policy Report released in October 2025?

Ans

✓ A. Repo rate unchanged at 5.50%; neutral stance

✗ B. Repo rate hike; tightening stance

✗ C. Repo rate cut; accommodative stance

✗ D. Repo rate unchanged at 6.00%; dovish stance

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	25/08/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **Which of the following processes in plants are responsible for fulfilling the energy and carbon requirements?**

Ans

✗ A. Transpiration

✓ B. Photosynthesis

✗ C. Respiration

✗ D. Translocation

Q.2 **A physical geographer compares two coastal cities: one at the equator and one near the poles. Both receive the same duration of sunlight in a day. The reason the equatorial city remains warmer is:**

Ans

✗ A. The polar city absorbs less sunlight due to water proximity

✓ B. Sunlight at the equator is more direct, concentrating energy

✗ C. Surface reflection is higher at the equator, keeping it warmer

✗ D. Both cities have similar temperatures due to equal sunlight duration

Q.3 **Which of the given statements about nervous tissue are correct?**

(i) Nervous tissues are made up of neurons.
(ii) Neurons have one axon and many dendrites.
(iii) Nerve impulses are signals that pass through a nerve fibre.

Ans

✗ A. (ii) and (iii) only

✓ B. (i), (ii) & (iii)

✗ C. (i) and (ii) only

✗ D. (i) and (iii) only

Q.4 **Which of the following is a characteristic of a true solution?**

Ans

✗ A. The solute particles settle rapidly at the bottom.

✗ B. The solute particles are easily separated by filtration.

✗ C. The solute particles can be seen with the naked eye.

✓ D. The solute particles are evenly distributed in the solution.

Q.5 **What does Dalton's atomic theory suggest about atoms of different elements?**

Ans

✓ A. They have different masses and properties.

✗ B. They have identical masses but different shapes.

✗ C. They have different sizes but identical masses.

✗ D. They are the same in every aspect.

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Q.6 **A rectangular coil is placed in a uniform magnetic field. If the direction of the current is reversed, what is the effect on the force acting on each segment of the coil?**

Ans
- ✗ A. The magnitude of the force doubles
- ✓ B. The direction of the force on each segment reverses
- ✗ C. The magnitude of the force becomes zero
- ✗ D. The force acts perpendicular to the plane of the coil

Q.7 **Consider the following statements about non-metals and select the correct option.**

Statement I: A solid substance that is dull, brittle, and does not conduct electricity in the solid state is most likely a non-metal.
Statement II: All non-metals are dull, brittle solids and do not conduct electricity in the solid state.

Ans
- ✗ A. Both statements are correct
- ✗ B. Statement I is incorrect, but Statement II is correct
- ✓ C. Statement I is correct, but Statement II is incorrect
- ✗ D. Both statements are incorrect

Q.8 **A force of 20 N acts opposite to the displacement of 5 m. What is the work done by the force?**

Ans
- ✗ A. +25 J
- ✗ B. +100 J
- ✗ C. 0 J
- ✓ D. –100 J

Q.9 **Why does diamond not conduct electricity while graphite does?**

Ans
- ✗ A. Amorphous carbon contains delocalized electrons
- ✓ B. All electrons in diamond are involved in bonding
- ✗ C. Fullerenes have mobile electrons in cages
- ✗ D. Diamond has layers that slide and conduct

Q.10 **Which of the following practices can reduce the volume of non-biodegradable waste?**

Ans
- ✗ A. Dump all waste in water bodies
- ✓ B. Use reusable and recyclable products
- ✗ C. Use disposable plates and cups
- ✗ D. Mix non-biodegradable waste with soil

Q.11 **If the frequency of a sound wave increases while its speed in air remains constant, what happens to its wavelength?**

Ans
- ✗ A. Its wavelength increases
- ✓ B. Its wavelength decreases
- ✗ C. Its wavelength remains unchanged
- ✗ D. Its wavelength fluctuates randomly

Q.12 **Which of the following is correct about growth pattern in plants and animal cells?**

Ans
- ✗ A. Plant cell growth is more uniform in comparison to animal cells.
- ✗ B. Both follow same growth pattern.
- ✓ C. Plants have a specific growth region containing dividing tissues.
- ✗ D. Animal cells growth is due to meristematic tissues.

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Q.13 **Which substance would best help neutralize the burning sensation caused by a bee sting containing methanoic acid?**

Ans

✗ A. Tamarind solution

✗ B. Lemon juice

✓ C. Mild baking soda solution

✗ D. Mild vinegar solution

Q.14 **Which condition is most necessary for petroleum formation from dead marine organisms?**

Ans

✗ A. Direct contact with surface water and wind

✗ B. Low temperature and presence of open air

✓ C. High pressure and absence of air for long periods

✗ D. Exposure to sunlight and fresh oxygen

Q.15 **An ecologist analyzes wind patterns and concludes they originate from the equator toward the poles. The underlying principle for this observation is:**

Ans

✗ A. Ocean salinity differences push air masses north and south

✗ B. Earth's magnetic field directs winds from equator to poles

✓ C. Temperature gradients caused by uneven solar heating drive winds

✗ D. Tidal forces move atmospheric currents globally

Q.16 **A bullet and a ball have the same kinetic energy, but the bullet has much less mass than the ball. Which statement about their speeds is correct?**

Ans

✗ A. Both bullet and ball stay at rest

✓ B. The bullet moves much faster than the ball

✗ C. The ball moves much faster than the bullet

✗ D. Both move at the same speed

Q.17 **A scientist wants to demonstrate why the sky appears blue during the day and reddish at sunset using a glass tank of water, a flashlight, and a small amount of milk. Which setup best demonstrates light scattering similar to that observed in the atmosphere?**

Ans

✗ A. Shining the flashlight through clear water and observing the transmitted light from the opposite side.

✓ B. Mixing a small amount of milk into the water and shining the flashlight through the tank from the side to observe scattered light.

✗ C. Adding a large amount of milk to the water and shining the flashlight through the mixture from above.

✗ D. Shining the flashlight from above onto clear water and observing the illuminated region.

Q.18 **What role does the chemical energy in a cell play in an electric circuit?**

Ans

✗ A. It measures the flow of current

✗ B. It changes the resistance of the circuit

✗ C. It directly moves electrons along the wire

✓ D. It creates and maintains the potential difference

Q.19 **Which of the following elements has molecules with the highest number of atoms?**

Ans

✗ A. Oxygen

✓ B. Sulphur

✗ C. Nitrogen

✗ D. Chlorine

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Q.20 **Which of the following examples best illustrates a high pitch sound in everyday life?**

Ans

✗ A. The hum of a refrigerator

✗ B. The ticking of a large wall clock

✗ C. The beat of a large drum

✓ D. A child blowing a whistle

Q.21 **Why does a gun recoil backward when it is fired?**

Ans

✗ A. The gun is heavy and naturally moves backward

✓ B. The bullet pushes forward, and the gun experiences an equal and opposite backward force

✗ C. The trigger causes the gun to move backward

✗ D. The air resistance pushes the gun backward

Q.22 **A horse pulls a cart with a force of 500 N. The force experienced by the horse due to the cart is:**

Ans

✗ A. 250 N

✓ B. 500 N equal and opposite to the motion

✗ C. 0 N

✗ D. 1000 N

Q.23 **A long-term smoker develops a chronic cough and frequent respiratory infections. Which physiological change in the respiratory tract primarily contributes to this increased susceptibility?**

Ans

✗ A. Thickening of bronchial walls

✗ B. Narrowing of bronchi

✓ C. Destruction of cilia in the upper respiratory tract

✗ D. Increased mucus production

Q.24 **Transport of water in plants occurs through _____.**

Ans

✗ A. Phloem

✓ B. Xylem

✗ C. Vacuole

✗ D. Cambium

Q.25 **A salt solution has a pH of 9. Which type of salt is it most likely to be?**

Ans

✗ A. Formed from a strong acid and strong base

✓ B. Formed from a strong base and weak acid

✗ C. Formed from a weak acid and weak base

✗ D. Formed from a strong acid and weak base

Section : **Mathematics**

Q.26 **If the volume of a solid sphere is increased by 119.7%, find the percentage increase in its surface area.**

Ans

✗ A. 81%

✗ B. 76%

✓ C. 69%

✗ D. 56%

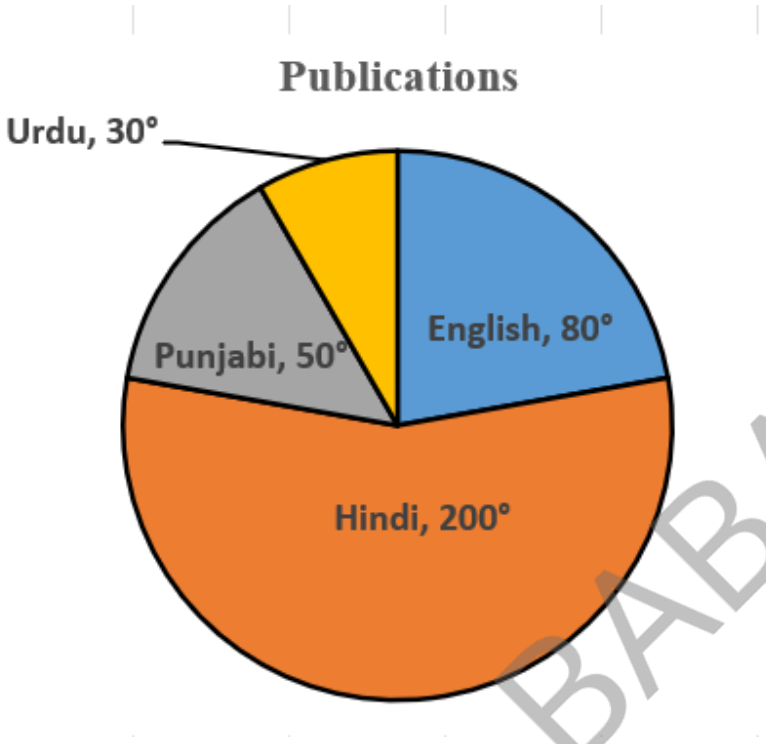
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Q.27 Find the value of $\sqrt{\frac{\cot\theta + \cos\theta}{\cot\theta - \cos\theta}}$.

Ans
- ✔ A. $\sec\theta + \tan\theta$
- ✘ B. $\sec\theta - \tan\theta$
- ✘ C. $\tan\theta - \sec\theta$
- ✘ D. $\sec\theta \tan\theta$

Q.28 The given pie chart shows the books published in English, Hindi, Punjabi and Urdu languages by a publishing house. In 2020, the publishing house published a total of 72 books in these languages. Books published in English, Punjabi and Urdu taken together is what percentage of books published in Hindi?



Ans
- ✔ A. 80%
- ✘ B. 95%
- ✘ C. 100%
- ✘ D. 125%

Q.29 Two banks, A and B, offered loans at 3.5% and 8.5% per annum, respectively. Ashish borrowed an amount of ₹4,60,000 from each bank. Find the positive difference between the amounts (in ₹) of simple interest paid to the two banks by Ashish after 2 years.

Ans
- ✘ A. 47,000
- ✔ B. 46,000
- ✘ C. 47,500
- ✘ D. 45,500

Q.30 A vendor buys 39 laptop bags for ₹33,033 and sells them at 32 for ₹27,552. How many laptop bags should be bought and sold, at this rate, to earn a total profit of ₹7,154?

Ans
- ✘ A. 501
- ✔ B. 511
- ✘ C. 491
- ✘ D. 529

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Q.31 If 4, 8, x and 12 are in proportion, then what is the mean proportion between (x + 3) and (x + 30)?

Ans

✔ A. 18

✘ B. 16

✘ C. 14

✘ D. 15

Q.32 A shopkeeper gains 25% by selling an item at a 37.5% discount on its marked price. If the cost price increases by 20% and the shopkeeper wishes to maintain the same profit percentage, what discount should he offer?

Ans

✘ A. 24%

✔ B. 25%

✘ C. 23%

✘ D. 22%

Q.33 A bus leaves Delhi for Jaipur traveling at 60 km/h. Two hours later, a car starts from Delhi towards Jaipur at 90 km/h on the same route. How long will it take the car to overtake the bus, and what distance from Delhi will the car meet the bus?

Ans

✘ A. 4 hours, and 330 km

✘ B. 3 hours, and 360 km

✔ C. 4 hours, and 360 km

✘ D. 4 hours, and 306 km

Q.34 The difference between the compound interest (compounded annually) and the simple interest if ₹21400 is deposited at 5% rate of interest per annum for 2 years is:

Ans

✘ A. ₹56.40

✘ B. ₹46.60

✘ C. ₹56.50

✔ D. ₹53.50

Q.35 Two pipes, A and B, can fill a tank in 8 hours and 14 hours, respectively. A third pipe C, can empty the completely filled tank in 12 hours. If all three pipes are opened together in an empty tank, then how long (in hours) will it take to fill the tank?

Ans

✔ A. $8\frac{16}{19}$

✘ B. $9\frac{1}{19}$

✘ C. $8\frac{9}{19}$

✘ D. $8\frac{11}{19}$

Q.36 If $y = 25$, then find the value of $y^{\frac{3}{2}} + (40\% \text{ of } y) - 27^{\frac{2}{3}}$.

Ans

✘ A. 123

✘ B. 124

✔ C. 126

✘ D. 121

Q.37 In what ratio must rice costing ₹142 per kg be mixed with wheat costing ₹154 per kg to get a mixture worth ₹146 per kg?

Ans

✔ A. 2:1

✘ B. 4:1

✘ C. 3:1

✘ D. 4:3

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Q.38 The mean of a data is 74 and its median is 88. The mode (using empirical relation) of the data is:

Ans

✗ A. 150

✓ B. 116

✗ C. 91

✗ D. 34

Q.39 Three numbers are in the ratio 3 : 14 : 13, and their LCM is 5460. Their HCF is:

Ans

✗ A. 59

✓ B. 10

✗ C. 5

✗ D. 36

Q.40 In an isosceles triangle ΔABC, $AB = AC$. Each of the equal angles is 5° more than three – fourths of the third angle. Find the value of $(3\angle A - \angle B)$.

Ans

✗ A. 90°

✗ B. 120°

✓ C. 148°

✗ D. 75°

Q.41 In an election contested by two candidates, 25% of the registered voters did not cast their votes, and 795 of the votes cast were declared invalid. The winning candidate secured 70% of the valid votes and defeated the other candidate by a margin of 3,600 votes. Find the total number of voters on the electoral roll.

Ans

✗ A. 13,456

✗ B. 12,680

✓ C. 13,060

✗ D. 12,090

Q.42 The simple interest earned on three different sums is in the ratio 5 : 7 : 9. The sums are in the ratio 10 : 14 : 15, and the time periods are in the ratio 3 : 4 : 5. What is the ratio of the rates of interest?

Ans

✗ A. 100 : 78 : 64

✗ B. 100 : 78 : 72

✓ C. 100 : 75 : 72

✗ D. 100 : 75 : 64

Q.43 If twice the mother's present age is 30 years less than six times her daughter's present age, and five times the daughter's present age is 55 years more than the mother's present age, then what is the difference (in years) between the present ages of the mother and the daughter?

Ans

✗ A. 27

✓ B. 25

✗ C. 20

✗ D. 30

Q.44 Anusha covers a certain distance between her home and college by car. At a speed of 35 km/hr, she is late by 20 minutes. However, at a speed of 45 km/hr, she reaches her college 10 minutes early. Find the distance between her home and college.

Ans

✗ A. 74.5 km

✓ B. 78.75 km

✗ C. 72.25 km

✗ D. 76.65 km

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Q.45 Simplify:
$(5^3)^2 \div 5^2$

Ans
✗ A. 525
✗ B. 125
✗ C. 225
✓ D. 625

Q.46 Keshav's monthly salary is ₹15,000. He spends ₹5,500 on house rent and ₹2,500 on utility bills and saves the remaining amount each month. If, during his birthday month, he spends his entire monthly savings on his birthday celebration, find his total savings (in ₹) for the year.

Ans
✗ A. 84,000
✗ B. 63,000
✓ C. 77,000
✗ D. 70,000

Q.47 During the first half of 2024, Sulekha consumed 2.2 kg of sugar on average each month (January to June). Over the course of 2024, she consumed 2.5 kg of sugar on average each month. Between July and December of 2024, her average sugar intake was:

Ans
✓ A. 2.8 kg
✗ B. 2.7 kg
✗ C. 2.5 kg
✗ D. 2.2 kg

Q.48 The salary of Margaret is increased by 12%. If her new salary becomes ₹22,400, find the original salary of Margaret.

Ans
✗ A. ₹19,500
✓ B. ₹20,000
✗ C. ₹21,500
✗ D. ₹19,800

Q.49 The height and the slant height of a cone are 10 cm and 32 cm respectively. What is the volume of the cone? $\left(\text{Use } \pi = \frac{22}{7}\right)$

Ans
✓ A. 9680 cm^3
✗ B. 9689 cm^3
✗ C. 9684 cm^3
✗ D. 9679 cm^3

Q.50 Evaluate: $\frac{1}{\sec\theta - \tan\theta}$

Ans
✗ A. $(\sec\theta - \tan\theta)$
✗ B. $(\sec\theta - 2\tan\theta)$
✓ C. $(\sec\theta + \tan\theta)$
✗ D. $(2\sec\theta + 3\tan\theta)$

Section : **General Intelligence and Reasoning**

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Q.51 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A @ B means 'A is the wife of B' and
A % B means 'A is the father of B'.
Based on the above, how is S related to N if 'S + A % E @ R – N'?

Ans
- ✗ A. Brother's wife's father
- ✓ B. Brother's wife's brother
- ✗ C. Father
- ✗ D. Brother

Q.52 What will come in place of the question mark (?) in the following equation if '÷' and '–' are interchanged and '×' and '+' are interchanged?

36 ÷ 6 – 3 × 5 + 7 = ?

Ans
- ✗ A. 46
- ✗ B. 58
- ✓ C. 69
- ✗ D. 84

Q.53 RVUX is related to BFEH in a certain way based on the English alphabetical order. In the same way, WAZC is related to GKJM. To which of the following is FJIL related, following the same logic?

Ans
- ✓ A. PTSV
- ✗ B. PTRV
- ✗ C. PURX
- ✗ D. PSRV

Q.54 Refer to the following series and answer the question. Counting to be done from left to right only. (Note: All numbers are single digit numbers only)
(Left) 7 2 9 9 9 9 9 6 1 7 9 8 6 6 3 3 5 8 2 8 5 1 9 7 9 2 4 7 2 3 (Right)
How many such even digits are there each of the which is immediately preceded by a perfect square and immediately followed by an odd digit? (NOTE: 1 is also a perfect square)

Ans
- ✗ A. Two
- ✗ B. Four
- ✓ C. One
- ✗ D. Three

Q.55 In a certain code language,
A # B means 'A is mother of B',
A + B means 'A is the father of B',
A @ B means ' A is the wife of B',
and A < B means 'A is the brother of B'.

How is E related to P if 'E + F < K # L @ P'?

Ans
- ✓ A. Wife's mother's father
- ✗ B. Wife's mother's mother
- ✗ C. Wife's brother
- ✗ D. Wife's mother's brother

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Q.56 Refer to the following letter series and answer the question that follows. Counting to be done from left to right.

(Left) G Y I E N S I E G Z B I X V Y A U S Y U U T (Right)

How many such consonants are there, each of which is immediately preceded by a consonant and also immediately followed by a vowel?

Ans
- ✗ A. 3
- ✓ B. 5
- ✗ C. 6
- ✗ D. 4

Q.57 What should come in place of ? in the given series based on the English alphabetical order?
LHCB, JGFF, ?, FELN, DDOR

Ans
- ✗ A. HIFJ
- ✗ B. HEIJ
- ✗ C. HFJI
- ✓ D. HFIJ

Q.58 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All rugs are perfumes. All boots are perfumes.

Conclusion (I) : Some rugs are boots.
Conclusion (II) : Some perfumes are boots.

Ans
- ✗ A. Neither conclusion (I) nor (II) follows
- ✗ B. Both conclusions (I) and (II) follow
- ✗ C. Only conclusion (I) follows
- ✓ D. Only conclusion (II) follows

Q.59 Based on the English alphabetical order, three of the following four letter clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

Ans
- ✗ A. LOR
- ✓ B. MPU
- ✗ C. HKN
- ✗ D. DGJ

Q.60 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
HLL : JHK
MKI : OGH

Ans
- ✗ A. GRQ : INO
- ✗ B. JLT : LHR
- ✓ C. GPR : ILQ
- ✗ D. CXL : ESK

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Q.61 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Q has an exam on Wednesday. Exactly 3 people have an exam between Q and U. V has an exam immediately after R and P has an exam immediately before R. Only 3 people have an exam between T and R.
How many people have an exam between Q and V?

Ans
- ✗ A. 3
- ✗ B. 1
- ✓ C. 2
- ✗ D. 4

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✗ A. JO–RW
- ✗ B. NS–VA
- ✗ C. YD–GL
- ✓ D. BG–IQ

Q.63 In a certain code language, 'AUTO' is coded as '5271' and 'TOAN' is coded as '4517'.
What is the code for 'N' in the given code language?

Ans
- ✗ A. 7
- ✗ B. 2
- ✗ C. 5
- ✓ D. 4

Q.64 Raj ranked 25th from the top and 16th from the bottom in his class. How many students are there in his class?

Ans
- ✗ A. 39
- ✗ B. 42
- ✓ C. 40
- ✗ D. 41

Q.65 In a certain code language, 'FAST' is coded as '1457' and 'FEAT' is coded as '5874'.
What is the code for 'E' in the given code language?

Ans
- ✗ A. 5
- ✗ B. 1
- ✗ C. 4
- ✓ D. 8

Q.66 A question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.
Among 5 trees, L, M, O, P and Q each having a different height, which tree is the shortest?
(I)P is taller than only two trees. O is shorter than P and Q is shorter than O
(II)L is taller than M

Ans
- ✓ A. Data in Statement I alone is sufficient to answer the question while data in statement II is not
- ✗ B. Both statements I and II together (and not statement 1 alone or statement II alone) are sufficient to answer the question.
- ✗ C. Data in Statement II alone is sufficient to answer the question while data in statement I is not
- ✗ D. Both statements I and II together are NOT sufficient to answer the question

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Q.67 Each of P, Q, R, S, T, U and V has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week.
Q has an exam on Saturday. Only 4 people have an exam between V and P, neither of whom has an exam on Monday. U has an exam immediately after T and R has an exam immediately before T. P has an exam after U.
Who has an exam on Monday?

Ans
✗ A. P
✗ B. T
✓ C. S
✗ D. U

Q.68 This question is based on the following words.

(LEFT) SET LAP MUD DIG (RIGHT)

How many letters are there between the second letter of the second word from the right and the third letter of the second word from the left as per the English alphabetical order?

Ans
✗ A. 5
✗ B. 3
✗ C. 6
✓ D. 4

Q.69 If + means -, - means ×, × means ÷, ÷ means +, then what will come in place of the question mark (?) in the following equation?

91 - 2 ÷ 180 × 18 + 12 = ?

Ans
✗ A. 176
✓ B. 180
✗ C. 184
✗ D. 189

Q.70 38 is related to 17 following a certain logic. Following the same logic, 52 is related to 24.
To which of the following is 26 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 7
✓ B. 11
✗ C. 15
✗ D. 8

Q.71 If the word "DISPLAY" is altered by replacing each vowel with the next letter and each consonant with the previous letter in the English alphabetical order, which letter comes first alphabetically in the new sequence formed?

Ans
✗ A. K
✗ B. J
✓ C. B
✗ D. X

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Q.72 Refer to the following series and answer the question that follows. Counting to be done from left to right. (Note: All numbers are single-digit numbers only.)

(Left) 2 5 8 3 1 4 7 6 9 2 4 5 8 3 7 1 2 6 5 4 3 8 7 9 (Right)

How many even numbers are there, each of which is immediately preceded by an odd number and immediately followed by an odd number?

Ans
- ✔ A. More than three
- ✘ B. Two
- ✘ C. One
- ✘ D. Three

Q.73 Each letter in the word FRIEND is changed to the letter immediately preceding it in the English alphabetical order and then all the letters thus formed are arranged in the English alphabetical order. Which letter is second from the left in the new group of letters thus formed?

Ans
- ✘ A. C
- ✔ B. D
- ✘ C. H
- ✘ D. E

Q.74 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE – A two/three-digit number cannot be broken into individual digits for operations; e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)
19 - 53 - 97 - 121;
27 - 61 - 105 - 129

Ans
- ✘ A. 49 - 83 - 117 - 151
- ✘ B. 67 - 121 - 155 - 179
- ✔ C. 35 - 69 - 113 - 137
- ✘ D. 58 - 92 - 116 - 130

Q.75 Eight friends Varsha, Anil, Neetu, Pawan, Rajesh, Mahima, Sunil and Om are sitting around a circular table, facing the centre. Neetu sits third to the right of Om. Varsha sits to the immediate left of Neetu. Rajesh sits second to the right of Varsha. Sunil is an immediate neighbour of Rajesh and Anil. Pawan is not an immediate neighbour of Varsha. How many people sit between Pawan and Varsha when counted from the left of Pawan?

Ans
- ✔ A. Four
- ✘ B. Two
- ✘ C. One
- ✘ D. Three

Q.76 Which of the following options should come in place of the question mark (?) in the given series?

7 10 18 33 57 ?

Ans
- ✘ A. 90
- ✘ B. 93
- ✘ C. 95
- ✔ D. 92

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Q.77 If 1 is subtracted from each odd digit and 2 is subtracted from each even digit in the number 537648547697, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 9
- ✓ B. 10
- ✗ C. 11
- ✗ D. 8

Q.78 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only two people sit between B and A, when counted from the right of B. Only three people sit between D and C, when counted from the right of C. A sits to the immediate right of C. E sits to the immediate right of F. How many people sit between A and D, when counted from the right of A?

Ans
- ✗ A. 4
- ✓ B. 2
- ✗ C. 1
- ✗ D. 3

Q.79 This question is based on the five, three-digit numbers given below.

(Left) 642, 953, 731, 284, 476 (Right).
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What will be the result if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans
- ✗ A. 7
- ✓ B. -5
- ✗ C. -3
- ✗ D. 2

Q.80 REAG is related to FSOU in a certain way based on the English alphabetical order. In the same way, VIEK is related to JWSY. To which of the following options is LYUA related, following the same logic?

Ans
- ✗ A. ZMKI
- ✗ B. ZOMI
- ✗ C. ZIMO
- ✓ D. ZMIO

Section : General Awareness and Current Affairs

Q.81 The North Tech Symposium 2026, organized under the theme “Raksha Triveni Sangam – Where Technology, Industry and Soldiering Converge,” was held in which of the following cities?

Ans
- ✗ A. Jaipur
- ✗ B. Pune
- ✓ C. Prayagraj
- ✗ D. Lucknow

Q.82 Brij Lal Bhat, who was conferred the Padma Shri in 2026 for his contributions to social work, is primarily associated with which region of India?

Ans
- ✗ A. Punjab
- ✗ B. Himachal Pradesh
- ✗ C. Gujarat
- ✓ D. Jammu and Kashmir

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Q.83 Which country was announced as the host of the World Environment Day 2026 by the United Nations Environment Programme (UNEP)?

Ans
- ✗ A. Türkiye
- ✗ B. Georgia
- ✓ C. Azerbaijan
- ✗ D. Kazakhstan

Q.84 Who became India's 95th Chess Grandmaster after securing the third and final Grandmaster norm at the Bangkok Chess Club Open 2026?

Ans
- ✗ A. Raunak Sadhwani
- ✗ B. Aditya Mittal
- ✓ C. Aronyak Ghosh
- ✗ D. Nihal Sarin

Q.85 The Kumbhalgarh Fort located in which state got recognized as the second largest continuous wall by UNESCO in May 2026?

Ans
- ✓ A. Rajasthan
- ✗ B. Himachal Pradesh
- ✗ C. Uttar Pradesh
- ✗ D. Maharashtra

Q.86 Which political party emerged as the leading party in the Kerala Assembly Election 2026?

Ans
- ✗ A. Indian Union Muslim League
- ✗ B. Bharatiya Janata Party
- ✗ C. Communist Party of India (Marxist)
- ✓ D. Indian National Congress

Q.87 Under the Central Armed Police Forces (General Administration) Bill, 2026, all posts in which senior CAPF ranks are required to be filled by Indian Police Service (IPS) officers on deputation?

Ans
- ✗ A. Commandant and Deputy Commandant
- ✓ B. Director General and Special Director General
- ✗ C. Inspector General and Deputy Inspector General
- ✗ D. Additional Director General and Inspector General

Q.88 Which badminton player won the Women's Singles title at the Thailand Masters 2026 tournament conducted in Bangkok?

Ans
- ✗ A. Huang Yu-hsun
- ✗ B. Goh Jin Wei
- ✗ C. Supanida Katethong
- ✓ D. Devika Sihag

Q.89 What is the total corpus allocated for the newly proposed SME Growth Fund introduced in the Union Budget 2026–27 to support high-potential enterprises?

Ans
- ✓ A. ₹10,000 crore
- ✗ B. ₹5,000 crore
- ✗ C. ₹2,000 crore
- ✗ D. ₹15,000 crore

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Q.90 **Which Indian airport is ranked the 5th-busiest airport in the Asia Pacific (Apac) region in 2025 as per Apac aviation rankings released in February 2026?**

Ans

✗ A. Kolkata airport

✗ B. Chennai airport

✓ C. Delhi aiport

✗ D. Mumbai airport

Q.91 **In April 2026, the Ministry of Minority Affairs signed a Memorandum of Understanding (MoU) with which institution under the PM VIKAS (Pradhan Mantri Virasat Ka Samvardhan) Scheme to enhance employability and facilitate placement opportunities for minority youth?**

Ans

✗ A. Indian Institute of Technology (IIT), Delhi

✓ B. Indian Institute of Technology (IIT), Patna

✗ C. Indian Institute of Technology (IIT), Guwahati

✗ D. Indian Institute of Technology (IIT), Kanpur

Q.92 **The Federation Cup, 2026, was hosted at the iconic Birsa Munda Stadium, located in which of the following cities?**

Ans

✗ A. Bhubaneswar

✗ B. Patna

✗ C. Raipur

✓ D. Ranchi

Q.93 **Who won the 2026 Mark Lynton History Prize for the book 'The Golden Road: How Ancient India Transformed the World'?**

Ans

✗ A. Romila Thapar

✓ B. William Dalrymple

✗ C. Sunil Khilnani

✗ D. Ramachandra Guha

Q.94 **Which Malayalam novelist won the Kendra Sahitya Akademi Award 2025 for his novel "Maayamanushyar"?**

Ans

✗ A. K. R. Meera

✗ B. Benyamin

✗ C. M. T. Vasudevan Nair

✓ D. N. Prabhakaran

Q.95 **In December 2025, the Ministry of Panchayati Raj and the NDMA approved a National Project worth over ₹500 crore. What is the primary objective of this project?**

Ans

✗ A. To build 10,000 new cyclone shelters in coastal areas

✗ B. To establish a national satellite system for weather forecasting

✓ C. To integrate Disaster Risk Reduction into local governance through Panchayati Raj Institutions

✗ D. To provide disaster insurance to all farmers

Q.96 **In June 2026, which Indian cricketer became the first player in the world to appear in 200 T20 Internationals?**

Ans

✓ A. Harmanpreet Kaur

✗ B. Smriti Mandhana

✗ C. Ellyse Perry

✗ D. Meg Lanning

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Q.97 In early 2026, the Joint Military Exercise ‘Dharma Guardian’ took place between the Indian Army and which organisation of Japan?

Ans

✗ A. Japan Maritime Self-Defense Force

✗ B. Japan Strategic Defense Force

✗ C. Japan Air Self-Defense Force

✓ D. Japan Ground Self-Defense Force

Q.98 In May 2026, the DRDO successfully completed the final development trials of the ULPGM-V3 missile in which two operational modes?

Ans

✗ A. Air-to-sea and sea-to-surface

✗ B. Surface-to-surface and surface-to-air

✓ C. Air-to-ground and air-to-air

✗ D. Ground-to-ground and sea-to-air

Q.99 Which novel by Karan Mahajan, published in 2026, explores India’s political transformations through a family saga?

Ans

✗ A. Family Planning

✗ B. The Association of Small Bombs

✓ C. The Complex

✗ D. Great Eastern Hotel

Q.100 In February 2026, a third batch of cheetahs was translocated to India from which country, and where were they released?

Ans

✗ A. South Africa; Nauradehi Tiger Reserve

✗ B. Namibia; Gandhi Sagar Sanctuary

✓ C. Botswana; Kuno National Park

✗ D. Kenya; Rani Durgavati Sanctuary

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	25/08/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **निम्नलिखित में से कौन-सा कथन लसीका और रुधिर प्लाज्मा की प्रोटीन मात्रा (content) की सही तुलना करता है?**

Ans
- ✗ A. लसीका में प्लाज्मा के बराबर प्रोटीन होता है
- ✓ B. लसीका में प्लाज्मा की तुलना में कम प्रोटीन होता है
- ✗ C. लसीका में कोई प्रोटीन नहीं होता है
- ✗ D. लसीका में प्लाज्मा की तुलना में अधिक प्रोटीन होता है

Q.2 **6 cm की फोकस दूरी वाले एक अवतल दर्पण से 18 cm की दूरी पर एक छोटी मोमबत्ती रखी है। निर्मित प्रतिबिंब की प्रकृति और स्थिति क्या होगी?**

Ans
- ✗ A. आभासी, दर्पण के 9 cm पीछे
- ✓ B. वास्तविक, दर्पण के 9 cm सामने
- ✗ C. आभासी, दर्पण के 12 cm पीछे
- ✗ D. वास्तविक, दर्पण के 6 cm सामने

Q.3 **निम्नलिखित में से कौन-सा कारण स्पष्ट करता है कि उपकला ऊतक कोशिकाएं एक दूसरे से बहुत कम दूरी पर दृढ़ता से क्यों बंधी हुई होती हैं?**

Ans
- ✗ A. ऊतक की समग्र सामर्थ्य बढ़ाने के लिए
- ✗ B. ऊतक के स्राव कार्यों को बढ़ाने के लिए
- ✗ C. ऊतक में तीव्र कोशिका विभाजन को संभव बनाने के लिए
- ✓ D. एक सतत अवरोध बनाने और पारगम्यता को नियंत्रित करने के लिए

Q.4 **निम्नलिखित में से कौन-सी परिस्थिति सर्वोत्तम रूप से यह दर्शाती है कि ध्वनि उत्पन्न करने के लिए एक कंपमान वस्तु (vibrating object) आवश्यक है?**

Ans
- ✗ A. मेज पर रखी काँच की बोतल को बिना विचलित किए देखना
- ✓ B. गिटार की तानित स्ट्रिंग को छोड़ना और स्वर (tone) सुनना
- ✗ C. अंधेरे कमरे में दीवार पर टॉर्च का प्रकाश डालना
- ✗ D. धातु की छड़ को स्थिर पकड़ना और गुंजन (hum) सुनना

Q.5 **गति का वर्णन करने के संदर्भ में वेग, चाल से किस प्रकार भिन्न है?**

Ans
- ✗ A. वेग केवल असमान गति पर अनुप्रयुक्त होता है, जबकि चाल केवल एकसमान गति पर अनुप्रयुक्त होता है।
- ✗ B. वेग तय की गई दूरी को निर्दिष्ट करता है, जबकि चाल विस्थापन को निर्दिष्ट करता है।
- ✓ C. वेग, गति के परिमाण (चाल) और निश्चित दिशा, दोनों को निर्दिष्ट करता है।
- ✗ D. वेग की गणना औसत चाल का उपयोग करके किया जाता है, जबकि चाल तात्क्षणिक चाल का उपयोग करती है।

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Q.6 एक मोटर 3 सेकंड में 1875 J का कार्य करती है। इसका पावर आउटपुट क्या होगा?

Ans
✗ A. 2810 W
✗ B. 5625 W
✗ C. 210 W
✓ D. 625 W

Q.7 निम्नलिखित में से कौन-सा, तत्व ऐलुमीनियम के लिए सही प्रतीक है?

Ans
✗ A. Alm
✓ B. Al
✗ C. AL
✗ D.
alm

Q.8 निम्नलिखित में से कौन-सा कथन सर्वोत्तम रूप से यह स्पष्ट करता है कि अधात्विक ऑक्साइड, क्षारकों के साथ अभिक्रिया क्यों करते हैं?

Ans
✓ A. वे अम्लीय ऑक्साइड के रूप में कार्य करते हैं और क्षारकों को उदासीन करते हैं
✗ B. वे एक साथ अम्लों और क्षारकों का निर्माण करते हैं
✗ C. वे क्षारकीय ऑक्साइड के रूप में कार्य करते हैं और अम्लों को उदासीन करते हैं
✗ D.
वे सदैव क्षारकीय होते हैं और क्षारकों के साथ अभिक्रिया नहीं करते हैं

Q.9 किसी स्थलीय अध्ययन के दौरान, विद्यार्थी देखते हैं कि प्रत्येक दोपहर वायु, घाटी सतह से ढालों तक प्रवाहित होती है। यह पैटर्न किस वायुमंडलीय स्थिति के कारण बनता है?

Ans
✗ A. घाटी में अचानक वर्षा
✗ B. घाटी की सतह का एकसमान तापन
✗ C.
पृथ्वी का घूर्णन
✓ D. पहाड़ की ढालों का असमान तापन

Q.10 निम्नलिखित में से कौन-सा, पारिस्थितिकी तंत्र को सर्वोत्तम रूप से परिभाषित करता है?

Ans
✓ A. जैविक और अजैविक घटकों की अन्योन्यक्रिया से निर्मित एक प्रणाली
✗ B. केवल पादपों का एक समूह
✗ C. भौतिक कारकों से रहित एक समुदाय
✗ D. केवल जंतुओं का निवास स्थान

Q.11 लंबे समय तक वायु के संपर्क में रखने पर चांदी की वस्तुएं काली पड़ जाती हैं, इसका मुख्य कारण क्या है?

Ans
✗ A. पृष्ठ पर धूल के कणों का संचयन
✓ B.
सिल्वर सल्फाइड विलेप का निर्माण
✗ C.
वायु में क्लोरीन के साथ अभिक्रिया द्वारा सिल्वर क्लोराइड का निर्माण
✗ D.
ऑक्सीजन के साथ अभिक्रिया द्वारा सिल्वर ऑक्साइड का निर्माण

Q.12 एक कार चालक देखता है कि तप्त धूप वाले दिन में आगे की सड़क आर्द्र दिखाई देती है, परंतु उस स्थान पर पहुंचने पर पता चलता है कि सड़क शुष्क है। कौन-सी भौतिक घटना, इस अवलोकन की सर्वोत्तम व्याख्या करती है?

Ans
✗ A. वायु के अणुओं द्वारा सूर्य के प्रकाश का विक्षेपण
✗ B.
जल की सूक्ष्म बूंदों के भीतर प्रकाश का संपूर्ण आंतरिक परावर्तन
✓ C. सड़क के ऊपर की वायु के तापमान में परिवर्तनों के कारण प्रकाश का अपवर्तन
✗ D. धूल के कणों द्वारा सूर्य के प्रकाश का प्रकीर्णन

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Q.13 कौन-सा उदाहरण, घरेलू गैस बर्नर में मेथेन के पूर्ण दहन को सर्वोत्तम रूप से दर्शाता है?

Ans

✗ A. सफेद राख के साथ एक मंद, टिमटिमाती ज्वाला उपस्थित होती है

✗ B. एक नारंगी ज्वाला जो रसोईघर में तेज गैस गंध उत्पन्न करती है

✗ C. बर्तन पर काले अवशेषों के साथ एक पीली ज्वाला बनती है

✓ D. एक नीली, अदीप्त ज्वाला देखी जाती है जिसमें कोई अवशेष नहीं बचता है

Q.14 निम्नलिखित में से कौन-सा कृत्रिम पारितंत्र का उदाहरण है?

Ans

✓ A. खेत

✗ B. वन

✗ C. तालाब

✗ D. झील

Q.15 यदि समय को नियत रखते हुए किसी इंजन की शक्ति को दोगुना कर दिया जाए, तो किया गया कार्य पर क्या प्रभाव पड़ेगा?

Ans

✓ A. दोगुना हो जाएगा

✗ B. समान रहेगा

✗ C. आधा हो जाएगा

✗ D.
चार गुना हो जाएगा

Q.16 Why do coal and petroleum take millions of years to form in nature?

Ans

✗ A. They result from rapid chemical reactions

✗ B. They form quickly through cooling of materials

✗ C. They are produced by repeated flooding events

✓ D. Their formation involves slow chemical and physical changes

Q.17 निम्नलिखित में से कौन-सा विकल्प, प्रकुंचन दाब (Systolic Pressure) का सर्वोत्तम वर्णन करता है?

Ans

✗ A. निलय शिथिलन के दौरान धमनियों में रक्तदाब

✓ B. वेंट्रिकुलर संकुचन के दौरान धमनी में रक्तदाब

✗ C. शिथिलन के दौरान शिराओं में रक्तदाब

✗ D. संकुचन के दौरान शिराओं में रक्तदाब

Q.18 एक उद्यानविद् ऐसे जलीय पादपों की नस्ल (breed) तैयार करना चाहता है जो बेहतर तरीके से प्लव करने में सक्षम हों। उन्हें ऊतक के किस रूपांतरण को बेहतर बनाने पर ध्यान केंद्रित करना चाहिए?

Ans

✓ A. वायूतक निर्माण करना

✗ B. स्थूल कोण ऊतक में अनियमित स्थूल करना

✗ C. स्थूल कोण ऊतक में पर्णहरित की वृद्धि करना

✗ D. मृदूतक में अंतरकोशिकीय अंतरालों को कम करना

Q.19 धारावाही तार द्वारा उत्पन्न चुंबकीय क्षेत्र, तार से दूरी के साथ किस प्रकार परिवर्तित होता है?

Ans

✗ A. यह सभी दूरियों पर नियत रहता है

✓ B. यह दूरी बढ़ने के साथ घटता है

✗ C. यह दूरी बढ़ने के साथ बढ़ता है

✗ D. यह दूरी के साथ यादृच्छिक रूप से घटता-बढ़ता है

Q.20 5 kg की एक वस्तु पर 4 सेकंड के लिए अपरिवर्ती बल लगाया जाता है, जिससे उसका वेग 2 m/s से बढ़कर 10 m/s हो जाता है। इस बल का परिमाण कितना है?

Ans

✗ A. 2 N

✗ B. 5 N

✓ C. 10 N

✗ D. 20 N

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Q.21 निम्नलिखित में से कौन-सा, कोलॉइड का एक उदाहरण नहीं है?

Ans
✔ A. शर्करा विलयन
✘ B. रक्त
✘ C. आइसक्रीम
✘ D. दूध

Q.22 जिंक जैसी धातुओं का निष्कर्षण उनके ऑक्साइडों से करने के लिए सामान्यतः अपचायक के रूप में किस पदार्थ का उपयोग किया जाता है?

Ans
✘ A. सल्फर
✘ B. ऑक्सीजन
✔ C. कार्बन
✘ D. नाइट्रोजन

Q.23 चुंबकीय क्षेत्र रेखाओं का कौन-सा गुणधर्म, चिरसम्मत विद्युत-चुम्बकत्व में चुंबकीय एकल ध्रुवों की अनुपस्थिति को स्पष्ट करता है?

Ans
✘ A. वे कभी प्रतिच्छेद नहीं करती हैं
✘ B. वे ध्रुवों के निकट सघन हो जाती हैं
✘ C. वे सदैव वृत्तीय होती हैं
✔ D. वे सतत संवृत वक्र का निर्माण करती हैं

Q.24 कोई जीव यूकैरियोट है या प्रोकैरियोट, यह निर्धारित करने के लिए वैज्ञानिक किसकी जांच करते हैं?

Ans
✘ A. पर्यावरण में पारिस्थितिक भूमिका
✘ B.
सामान्य संभरण व्यवहार और आहार
✘ C. प्रजनन की विधि और संतति
✔ D. कोशिका संरचना और केंद्रक की उपस्थिति

Q.25 निम्नलिखित में से कौन-से कथन सही हैं?
कथन I: सोडियम परमाणु एक इलेक्ट्रॉन का त्याग करके सोडियम आयन का निर्माण करता है।
कथन II: सोडियम आयन पर ऋणात्मक आवेश होता है।

Ans
✘ A. कथन I और II दोनों सही हैं।
✔ B. केवल कथन I सही है।
✘ C. कथन I और II दोनों गलत हैं।
✘ D.
केवल कथन II सही है।

Section : **Mathematics**

Q.26 संख्या 243 को तीन भागों में इस प्रकार विभाजित किया गया है कि पहले भाग का आधा, दूसरे भाग का एक-तिहाई और तीसरे भाग का एक-चौथाई बराबर है। सबसे बड़े भाग का मान ज्ञात कीजिए।

Ans
✘ A. 98
✔ B. 108
✘ C. 112
✘ D. 88

Q.27 एक विक्रेता ₹43,149 में 19 लैपटॉप बैग खरीदता है और उन्हें ₹38,658 में 17 बैग की दर से बेचता है। कुल ₹5,487 का लाभ अर्जित करने के लिए, इस दर पर कितने लैपटॉप बैग खरीदे और बेचे जाने चाहिए?

Ans
✔ A. 1829
✘ B. 1849
✘ C. 1835
✘ D. 1840

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Q.28 दो ट्रेनें, जिनकी लंबाई 200 m और 160 m है, विपरीत दिशाओं में क्रमशः 78 km/h और 66 km/h की चाल से गतिमान हैं। एक-दूसरे से मिलने के समय से लेकर पूरी तरह से एक-दूसरे को पार करने में उन्हें कितना समय लगेगा?

Ans
- ✔ A. 9 सेकंड
- ✘ B. 6 सेकंड
- ✘ C. 8 सेकंड
- ✘ D. 7 सेकंड

Q.29 280 लोगों के समूह द्वारा पहनी जाने वाली शर्ट के साइज़ निम्न प्रकार हैं।

शर्ट साइज	37	38	39	40	41	42	43	44
व्यक्तियों की संख्या	31	35	49	51	50	37	15	12

समूह द्वारा पहने जाने वाले शर्ट साइज का बहुलक ज्ञात कीजिए।

Ans
- ✘ A. 41
- ✘ B. 42
- ✘ C. 39
- ✔ D. 40

Q.30 यदि $7\cos^2\theta + 5\sin^2\theta - 6 = 0, (0^0 < \theta < 90^\circ)$ है, तो $\sqrt{\frac{\sec\theta + \tan\theta}{\sec\theta - \tan\theta}}$ का मान ज्ञात कीजिए।

Ans
- ✔ A. $\sqrt{2}+1$
- ✘ B. $\sqrt{2}-1$
- ✘ C. $-\sqrt{2}$
- ✘ D. $\sqrt{2}$

Q.31 संख्या 13167 निम्नलिखित में से किस संख्या से विभाज्य है?

Ans
- ✘ A. 61
- ✘ B. 69
- ✔ C. 63
- ✘ D. 67

Q.32 एक विद्यार्थी ₹16,000 की धनराशि को 3% वार्षिक ब्याज दर पर निवेश करना चाहता है, जबकि ब्याज अर्धवार्षिक रूप से संयोजित होता है। 2 वर्ष पश्चात प्राप्त चक्रवृद्धि ब्याज ज्ञात कीजिए।
[दिया गया है, कि $(1.015)^4 = 1.0614$]

Ans
- ✔ A. ₹982.40
- ✘ B. ₹880.20
- ✘ C. ₹782.40
- ✘ D. ₹900.10

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Q.33 **In an office, there are 25 employees who travel to work every day. The time taken to commute to office is as follows.**

Time taken (in minutes)	No. of employees
Less than 10	2
Less than 20	6
Less than 30	15
Less than 40	19
Less than 50	23
Less than 60	25

Calculate the mean time of commuting (in minutes).

Ans
✗ A. 32
✗ B. 21
✗ C. 15
✓ D. 29

Q.34 **किसी कस्बे की जनसंख्या 60,000 से बढ़कर 61,260 हो जाती है। प्रतिशत वृद्धि कितनी है?**

Ans
✓ A. 2.1%
✗ B. 2.3%
✗ C. 2.0%
✗ D. 2.2%

Q.35 **तीन महिलाओं का औसत वजन तब 4 kg बढ़ जाता है, जब उनमें से 102 kg वजन वाली एक महिला को दूसरी महिला से बदल दिया जाता है। नई महिला का वजन कितना है?**

Ans
✗ A. 116 kg
✗ B. 118 kg
✓ C. 114 kg
✗ D. 112 kg

Q.36 **किसी कार्य को पूरा करने के लिए तीन श्रमिकों को कार्य पर रखा गया है, जिसके लिए ₹1,200 खर्च किए जाने हैं। श्रमिक A अकेले उसी कार्य को 8 दिनों में पूरा कर सकता है, श्रमिक B अकेले उसी कार्य को 12 दिनों में पूरा कर सकता है और श्रमिक C अकेले उसी कार्य को 16 दिनों में पूरा कर सकता है। चौथे श्रमिक की सहायता से, वे सभी मिलकर उसी कार्य को 3 दिनों में पूरा करते हैं। कुल धनराशि में से चौथे श्रमिक को कितना भुगतान किया जाना होगा?**

Ans
✗ A. ₹226
✗ B. ₹222
✗ C. ₹221
✓ D. ₹225

Q.37 **साक्षी ने ₹8900 की धनराशि 10% वार्षिक चक्रवृद्धि ब्याज की दर से निवेश की, जबकि ब्याज वार्षिक रूप से संयोजित होता है। यदि उसे n वर्षों के बाद ₹10,769 मिश्रधन प्राप्त होता है, तो n का मान ज्ञात कीजिए।**

Ans
✗ A. 1.5
✓ B. 2
✗ C. 2.4
✗ D. 3

Q.38 **दो बैंकों, A और B ने क्रमशः 3.5% और 8% वार्षिक ब्याज दर पर ऋण की पेशकश की। सचिन ने प्रत्येक बैंक से ₹3,00,000 का ऋण लिया। 3 वर्ष बाद सचिन द्वारा दोनों बैंकों को चुकाए गए साधारण ब्याज की धनराशियों के बीच का धनात्मक अंतर (₹ में) ज्ञात कीजिए।**

Ans
✗ A. 42,000
✗ B. 40,000
✗ C. 41,500
✓ D. 40,500

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Q.39 $\frac{1}{\sec x - \tan x}$ का मान ज्ञात कीजिए।

Ans
✗ A. secx − tanx
✓ B. secx + tanx
✗ C. cosx − cotx
✗ D. cosx + cotx

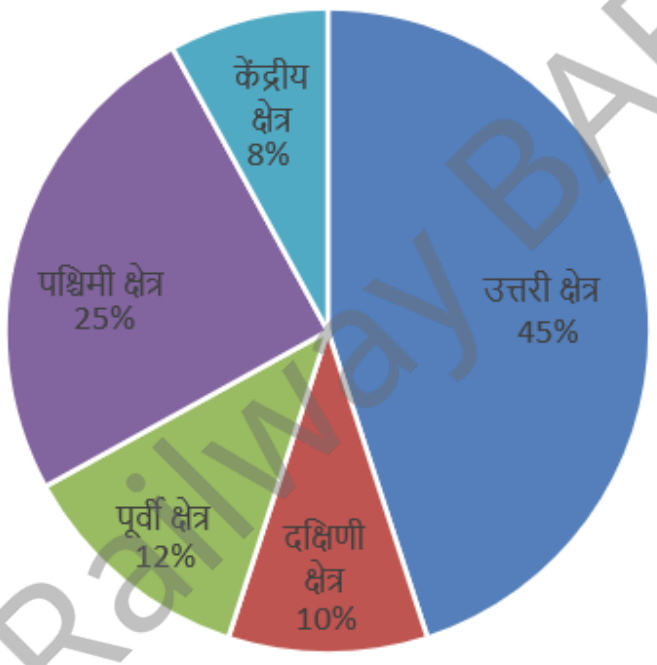
Q.40 3 cm त्रिज्या और 12 cm ऊँचाई वाली एक ठोस बेलनाकार छड़ को पिघलाकर 3 cm त्रिज्या वाले ठोस गोलों में ढाला जाता है। इस प्रकार बनाए जा सकने वाले गोलों की संख्या ज्ञात कीजिए।

Ans
✗ A. 1
✓ B. 3
✗ C. 2
✗ D. 4

Q.41 7-अंकीय संख्या 69A840B, 12 से विभाज्य है। (A + B) का अधिकतम मान ज्ञात कीजिए।

Ans
✓ A. 15
✗ B. 16
✗ C. 10
✗ D. 11

Q.42 निम्न पाई चार्ट में भारत के पांच विभिन्न क्षेत्रों में एक विशिष्ट कंपनी के मोबाइल फोन यूजर्स के प्रतिशत को दर्शाया गया है। पाई चार्ट का ध्यानपूर्वक अध्ययन कीजिए और दिए गए प्रश्न का उत्तर दीजिए।



पाई चार्ट में केंद्रीय क्षेत्र द्वारा बनाया गया केंद्रीय कोण कितना है?

Ans
✓ A. 28.8°
✗ B. 26.2°
✗ C. 27.4°
✗ D. 30.6°

Q.43 यदि 6 पेंसिलों की कीमत ₹42 है, तो 14 पेंसिलों की कीमत कितनी होगी?

Ans
✗ A. ₹84
✓ B. ₹98
✗ C. ₹100
✗ D. ₹90

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Q.44 एक दुकानदार एक ही अंकित मूल्य वाले खिलौनों पर निम्नलिखित स्कीमें प्रदान करता है-
(A) कितनी भी संख्या में खरीदे गए खिलौनों पर 3% और 7% की क्रमिक छूट
(B) कितनी भी संख्या में खरीदे गए खिलौनों पर 8%, 39% और 26% की क्रमिक छूट
(C) पहले 4 खिलौनों पर 11% की छूट और उसके बाद प्रत्येक खिलौने पर 32% की छूट
(D) 5 खिलौने खरीदने पर 4 खिलौने मुफ्त
एक ग्राहक 5 खिलौने खरीदना चाहती है। ऊपर दी गई स्कीमों में से कौन-सी स्कीम उसके लिए सबसे कम लाभप्रद है?

Ans
✗ A. D
✓ B. A
✗ C. C
✗ D. B

Q.45 किसी जिले की जनसंख्या 3,54,000 है, जिसमें से 2,30,000 पुरुष हैं। 17% जनसंख्या साक्षर है। यदि 17% पुरुष साक्षर हैं, तो साक्षर महिलाओं का प्रतिशत ज्ञात कीजिए।

Ans
✗ A. 16%
✗ B. 15%
✗ C. 20%
✓ D. 17%

Q.46 रमेश को 120 km की दूरी तय करने में सुरेश से 10 घंटे अधिक लगते हैं। हालाँकि, यदि रमेश अपनी चाल दोगुनी कर दे, तो उसे सुरेश से 8 घंटे कम लगेंगे। रमेश की मूल चाल कितनी है?

Ans
✗ A. $4\frac{3}{4}\text{km/hr}$
✓ B. $3\frac{1}{3}\text{km/hr}$
✗ C. $7\frac{5}{7}\text{km/hr}$
✗ D. $5\frac{1}{5}\text{km/hr}$

Q.47 7 मीटर कपड़े की कीमत ₹840 है। उसी कपड़े के 11 मीटर की कीमत ज्ञात कीजिए।

Ans
✗ A. ₹1,200
✗ B. ₹1,120
✓ C. ₹1,320
✗ D. ₹1,260

Q.48 मोहिनी अपने विज्ञान प्रोजेक्ट के लिए चार्ट पेपर का उपयोग करके एक बेलनाकार कैलाइडोस्कोप बना रही है। यदि कैलाइडोस्कोप की लंबाई 178 cm है और इसकी त्रिज्या 24.5 cm है, तो केवल इसका वक्र पृष्ठ बनाने के लिए आवश्यक चार्ट पेपर का क्षेत्रफल ज्ञात कीजिए। ($\pi = \frac{22}{7}$ का उपयोग कीजिए।)

Ans
✓ A. 27412 cm^2
✗ B. 27380 cm^2
✗ C. 27445 cm^2
✗ D. 27433 cm^2

Q.49 यदि माता की वर्तमान आयु का दोगुना, उसकी पुत्री की वर्तमान आयु के छह गुने से 30 वर्ष कम है, और पुत्री की वर्तमान आयु का छह गुना, माता की वर्तमान आयु से 75 वर्ष अधिक है, तो उनकी वर्तमान आयु के बीच अंतर (वर्ष में) ज्ञात कीजिए।

Ans
✗ A. 20
✓ B. 25
✗ C. 19
✗ D. 22

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Q.50 समचतुर्भुज के संबंध में निम्नलिखित में से कौन-सा कथन असत्य है?

Ans
✗ A. समचतुर्भुज की प्रत्येक भुजा की लंबाई बराबर होती है।
✗ B. समचतुर्भुज के विकर्ण समकोण पर प्रतिच्छेद करते हैं।
✓ C. समचतुर्भुज के विकर्ण सम्मुख कोणों को समद्विभाजित नहीं करते हैं।
✗ D. समचतुर्भुज के सम्मुख कोण बराबर होते हैं।

Section : **General Intelligence and Reasoning**

Q.51 यदि संख्या **4372651** के प्रत्येक सम अंक में 2 जोड़ दिया जाए और प्रत्येक विषम अंक में से 1 घटा दिया जाए, तो इस प्रकार बनने वाली नई संख्या में बाईं ओर से चौथा अंक कौन-सा होगा?

Ans
✗ A. 2
✓ B. 4
✗ C. 6
✗ D. 0

Q.52 यदि शब्द DANGERS के प्रत्येक अक्षर को अंग्रेजी वर्णमाला क्रम में व्यवस्थित किया जाए, तो कितने अक्षरों का स्थान अपरिवर्तित रहेगा?

Ans
✗ A. एक
✗ B. एक भी नहीं
✓ C. तीन
✗ D. दो

Q.53 निम्नलिखित अक्षर, संख्या और प्रतीक शृंखला का संदर्भ लीजिए तथा दिए गए प्रश्न का उत्तर दीजिए।
(गिनती केवल बाएं से दाएं की जानी है।) (सभी संख्याएं केवल एकल-अंकीय संख्याएं हैं।)
(बाएं) Y A 7 & % G D 4 @ & K 6 T E 5 # 3 2 * R Z (दाएं)
ऐसे कितने अक्षर हैं, जिनमें से प्रत्येक के ठीक पहले एक प्रतीक और ठीक बाद एक संख्या है?

Ans
✗ A. एक भी नहीं
✗ B. तीन
✓ C. एक
✗ D. दो

Q.54 अंग्रेजी वर्णमाला क्रम के आधार पर, निम्नलिखित चार अक्षर-समूह युग्मों में से तीन किसी निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा अक्षर-समूह युग्म, उस ग्रुप से संबंधित नहीं है?
(नोट: असंगत अक्षर-समूह युग्म, व्यंजनों/स्वरों की संख्या या अक्षर समूह में उनकी स्थिति पर आधारित नहीं है।)

Ans
✗ A. WR–NI
✗ B. QL–HC
✗ C. HC–YT
✓ D. ZU–PN

Q.55 अंग्रेजी वर्णमाला क्रम पर आधारित, निम्नलिखित चार अक्षर-समूहों में से तीन किसी निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा अक्षर-समूह, उस ग्रुप से संबंधित नहीं है?
(नोट: असंगत अक्षर-समूह, व्यंजनों/स्वरों की संख्या या उनकी स्थिति पर आधारित नहीं है।)

Ans
✗ A. OSW
✗ B. YCG
✗ C. QUY
✓ D. FKN

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Q.56 एक निश्चित तर्क का अनुसरण करते हुए, 12 का संबंध 143 से है। उसी तर्क का अनुसरण करते हुए, 7 का संबंध 48 से है। समान तर्क का अनुसरण करते हुए, 9 का संबंध निम्नलिखित में से किससे है?
(नोट: संख्याओं को उनके घटक अंकों में तोड़े बिना संक्रियाएं केवल पूर्ण संख्याओं पर की जानी चाहिए। उदाहरण के लिए, 13 लीजिए – 13 पर संक्रियाएं, जैसे 13 में जोड़ना/घटाना/गुणा करना आदि, केवल 13 पर की जा सकती हैं। 13 को 1 और 3 में तोड़ना तथा फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

Ans
- ✗ A. 101
- ✗ B. 99
- ✓ C. 80
- ✗ D. 72

Q.57 निम्नलिखित अक्षर, प्रतीक शृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। गिनती केवल बाएं से दाएं की जानी है।
(बाएं) X & Y $ Z Ω P # Q % R @ S £ * T U $ V Ω W (दाएं)
ऐसे कितने प्रतीक हैं, जिनमें से प्रत्येक के ठीक पहले एक अक्षर और ठीक बाद एक प्रतीक है?

Ans
- ✗ A. तीन
- ✓ B. एक
- ✗ C. दो
- ✗ D. एक भी नहीं

Q.58 दिए गए कथनों और निष्कर्षों को ध्यानपूर्वक पढ़िए। आपको दिए गए कथनों को सत्य मानना है, भले ही वे सामान्य रूप से ज्ञात तथ्यों से भिन्न प्रतीत हों। आपको यह तय करना है कि दिए गए निष्कर्षों से कौन-से निष्कर्ष, कथनों का तार्किक रूप से अनुसरण करते हैं।

कथन:
कुछ चप्पलें, कुर्सियाँ हैं।
सभी कुर्सियाँ, चटाई हैं।

निष्कर्ष (I): कुछ चप्पलें, चटाई हैं।
निष्कर्ष (II): सभी चटाई, कुर्सियाँ हैं।

Ans
- ✗ A. न तो निष्कर्ष (I) और न ही (II) अनुसरण करता है
- ✗ B. केवल निष्कर्ष (II) अनुसरण करता है
- ✗ C. निष्कर्ष (I) और (II) दोनों अनुसरण करते हैं
- ✓ D. केवल निष्कर्ष (I) अनुसरण करता है

Q.59 एक निश्चित तर्क का अनुसरण करते हुए, 10 का संबंध 98 से है। उसी तर्क का अनुसरण करते हुए, 9 का संबंध 79 से है। समान तर्क का अनुसरण करते हुए, 13 का संबंध निम्नलिखित में से किससे है?
(नोट: संख्याओं को उनके घटक अंकों में तोड़े बिना संक्रियाएं केवल पूर्ण संख्याओं पर की जानी चाहिए। उदाहरण के लिए, 13 लीजिए – 13 पर संक्रियाएं, जैसे 13 में जोड़ना/घटाना/गुणा करना आदि, केवल 13 पर की जा सकती हैं। 13 को 1 और 3 में तोड़ना तथा फिर 1 और 3 पर गणितीय संक्रियाएं करने की अनुमति नहीं है।)

Ans
- ✗ A. 172
- ✗ B. 147
- ✗ C. 201
- ✓ D. 167

Q.60 यह प्रश्न नीचे दी गई तीन अंकों वाली पाँच संख्याओं पर आधारित है।
356 742 821 415 697
(उदाहरण- 697 – पहला अंक = 6, दूसरा अंक = 9 और तीसरा अंक = 7)
यदि सबसे बड़ी संख्या के दूसरे अंक को सबसे छोटी संख्या के पहले अंक से गुणा किया जाए, तो क्या परिणाम प्राप्त होगा?

Ans
- ✓ A. 6
- ✗ B. 12
- ✗ C. 16
- ✗ D. 14

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Q.61 एक निश्चित कूट भाषा में, 'poem river judge' को 'yq yf yn' के रूप में कूटबद्ध किया जाता है और 'judge skin thing' को 'yf ra xd' के रूप में कूटबद्ध किया जाता है। दी गई कूट भाषा में 'judge' को किस रूप में कूटबद्ध किया जाता है?

Ans
✗ A. ra
✓ B. yf
✗ C. yn
✗ D. yq

Q.62 यह प्रश्न निम्नलिखित शब्दों पर आधारित है।
(बाएं) BOG FRY MAP OPT (दाएं)
दाएं से दूसरे शब्द के दूसरे अक्षर और बाएं से दूसरे शब्द के तीसरे अक्षर के बीच, अंग्रेजी वर्णमाला क्रम में कितने अक्षर हैं?

Ans
✓ A. 23
✗ B. 25
✗ C. 27
✗ D. 20

Q.63 दिए गए कथनों और निष्कर्षों को ध्यानपूर्वक पढ़ें। यह मानते हुए कि कथनों में दी गई जानकारी सत्य है, भले ही वह सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होती हो, तय कीजिए कि दिए गए निष्कर्षों में से कौन-से निष्कर्ष, कथनों का तार्किक रूप से अनुसरण करते हैं।

कथन: कुछ लैपटॉप, डेस्कटॉप हैं। कुछ डेस्कटॉप, कंप्यूटर हैं।

निष्कर्ष (I): सभी लैपटॉप, कंप्यूटर हैं।
निष्कर्ष (II): कोई भी डेस्कटॉप, लैपटॉप नहीं है।

Ans
✗ A. निष्कर्ष (I) और (II) दोनों अनुसरण करते हैं
✗ B. केवल निष्कर्ष (II) अनुसरण करता है
✓ C. न तो निष्कर्ष (I) और न ही (II) अनुसरण करता है
✗ D. केवल निष्कर्ष (I) अनुसरण करता है

Q.64 अंग्रेजी वर्णमाला क्रम के आधार पर, दी गई श्रृंखला में प्रश्न-चिह्न (?) के स्थान पर क्या आना चाहिए?
GJM, ILO, KNQ, MPS, ?

Ans
✓ A. ORU
✗ B. ROU
✗ C. OUR
✗ D. RUO

Q.65 यदि '+' और '−' को परस्पर बदल दिया जाए तथा '×' और '÷' को परस्पर बदल दिया जाए तथा '2' और '4' को परस्पर बदल दिया जाए, तो निम्नलिखित समीकरण में '?' के स्थान पर क्या आएगा?
16 + 8 × 4 ÷ 2 − 5 = ?

Ans
✗ A. 14
✓ B. 5
✗ C. 2
✗ D. 28

Q.66 सात मित्र Q, R, S, T, U, V और W, उत्तर की ओर अभिमुख होकर एक सीधी पंक्ति में बैठे हैं। V, T के बाईं ओर तीसरे स्थान पर बैठा है। U, S के दाईं ओर तीसरे स्थान पर बैठा है। T के दाईं ओर केवल एक व्यक्ति बैठा है। R, किसी भी छोर पर नहीं बैठा है। Q, S के ठीक बाईं ओर पड़ोस में बैठा है। दिए गए विन्यास के आधार पर निम्नलिखित चार में से तीन किसी निश्चित तरीके से एकसमान हैं और इस प्रकार वे एक ग्रुप बनाते हैं। कौन-सा विकल्प, उस ग्रुप से संबंधित नहीं है?

Ans
✗ A. R और U
✗ B. Q और S
✓ C. U और W
✗ D. S और V

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Q.67 दी गई शृंखला में प्रश्न-चिह्न (?) के स्थान पर क्या आना चाहिए?

18 31 44 57 70 ?

Ans
✗ A. 88
✗ B. 85
✓ C. 83
✗ D. 79

Q.68 अंग्रेजी वर्णमाला क्रम के आधार पर, एक निश्चित तरीके से, FJDG का संबंध KOIL से है। उसी तरीके से, IMGJ का संबंध NRLO से है। समान तर्क का अनुसरण करते हुए, LPJM का संबंध निम्नलिखित में से किससे है?

Ans
✗ A. UQRO
✗ B. UQOR
✓ C. QUOR
✗ D. QURO

Q.69 कुणाल बिंदु A से ड्राइव करना शुरू करता है और दक्षिण की ओर 21 km ड्राइव करता है। फिर वह बाएँ मुड़ता है और 22 km ड्राइव करता है, फिर वह बाएँ मुड़ता है और 23 km ड्राइव करता है। फिर वह बाएँ मुड़ता है और 27 km ड्राइव करता है। अंत में वह बाएँ मुड़ता है और 2 km ड्राइव करके बिंदु P पर रुक जाता है। बिंदु A पर वापस पहुंचने के लिए उसे कितनी दूरी (न्यूनतम दूरी) तक और किस दिशा में ड्राइव करना चाहिए? (जब तक निर्दिष्ट न किया गया हो, सभी मोड़ केवल 90-डिग्री के मोड़ हैं।)

Ans
✗ A. 3 km, पूर्व की ओर
✗ B. 4 km, पूर्व की ओर
✓ C. 5 km, पूर्व की ओर
✗ D. 2 km, पूर्व की ओर

Q.70 यदि '+' और '–' को परस्पर प्रतिस्थापित कर दिया जाए, '×' और '÷' को परस्पर प्रतिस्थापित कर दिया जाए तथा '4' और '8' को परस्पर प्रतिस्थापित कर दिया जाए, तो निम्नलिखित समीकरण में '?' के स्थान पर क्या आएगा? (नोट: संख्याओं को परस्पर प्रतिस्थापित करते समय पूरी संख्या पर विचार करें; व्यष्टिगत अंकों को परस्पर प्रतिस्थापित न करें - ये बड़ी संख्याओं के हिस्से हैं।)
24 × 8 − 18 ÷ 4 + 5 = ?

Ans
✗ A. 148
✗ B. 143
✓ C. 145
✗ D. 154

Q.71 निम्नलिखित अक्षर श्रृंखला का संदर्भ लीजिए और दिए गए प्रश्न का उत्तर दीजिए। गिनती केवल बाएँ से दाएँ की जाती है।

(बाएँ) N V U H J K J I V A Y E D V B L U H W A I G (दाएँ)

ऐसे कितने स्वर हैं, जिनमें से प्रत्येक के ठीक पहले एक व्यंजन है और ठीक बाद में भी एक व्यंजन है?

Ans
✓ A. 5
✗ B. 4
✗ C. 7
✗ D. 6

Q.72 A, B, C, U, V और W, एक ही इमारत के छह अलग-अलग तलों पर रहते हैं। इमारत के सबसे निचले तल का क्रमांक 1 है, इसके ठीक ऊपर वाले तल का क्रमांक 2 है और इसी प्रकार, सबसे ऊपरी तल का क्रमांक 6 है। C, तल क्रमांक 4 पर रहता है। C और V के बीच केवल दो व्यक्ति रहते हैं। C और A के बीच केवल B रहता है। W, C के ठीक नीचे रहता है। तल क्रमांक 2 पर कौन रहता है?

Ans
✗ A. B
✗ B. W
✓ C. U
✗ D. A

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Q.73 एक निश्चित कूट भाषा में,
A + B का अर्थ है कि 'A, B का पति है'
A - B का अर्थ है कि 'A, B की बहन है'
A x B का अर्थ है कि 'A, B की माता है'
A ÷ B का अर्थ है कि A, B का भाई है'

उपरोक्त के आधार पर, यदि 'F ÷ G + H x I - J' है, तो F का J से क्या संबंध है?

Ans
✔ A. पिता का भाई
✘ B. भाई
✘ C. माता के पिता
✘ D. बहन का पति

Q.74 A, B, C, U, V और W एक ही इमारत के छह अलग-अलग तलों पर रहते हैं। इमारत में सबसे नीचे वाले तल का क्रमांक 1 है, उसके ऊपर वाले तल का क्रमांक 2 है और इसी तरह सबसे ऊपर वाले तल का क्रमांक 6 है। B, तल क्रमांक 5 पर रहता है। A, B के ऊपर किसी तल पर रहता है। W के नीचे केवल U रहता है। C एक सम क्रमांक वाले तल पर रहता है। V के नीचे कितने व्यक्ति रहते हैं?

Ans
✘ A. एक
✘ B. चार
✘ C. तीन
✔ D. दो

Q.75 एक निश्चित कूट भाषा में,
A < B का अर्थ है कि 'A, B का भाई है',
A # B का अर्थ है कि 'A, B की माता है',
A + B का अर्थ है कि 'A, B का पिता है',
और A @ B का अर्थ है कि 'A, B की पत्नी है'।

यदि 'P # Q < R @ X + Y' है, तो P का Y से क्या संबंध है?

Ans
✘ A. माता की बहन
✘ B. माता के पिता
✘ C.
माता का भाई
✔ D. माता की माता

Q.76 अंग्रेजी वर्णमाला क्रम पर आधारित, एक निश्चित तरीके से, ZWVY का संबंध CZYB से है। उसी तरीके से, QNMP का संबंध TQPS से है। समान तर्क का अनुसरण करते हुए, TQPS का संबंध निम्नलिखित में से किस विकल्प से है?

Ans
✘ A. WSRV
✘ B. WTRV
✘ C. WURZ
✔ D. WTSV

Q.77 एक पंक्ति में, पाँच मित्र P, Q, R, S और T, उत्तर की ओर अभिमुख होकर खड़े हैं। R, बाएं छोर पर है और P का निकटतम पड़ोसी है। P और Q के बीच केवल S है।
T के बाएं दूसरे स्थान पर कौन खड़ा है?

Ans
✘ A. R
✔ B. S
✘ C. Q
✘ D. P

Q.78 फहद अपनी कक्षा में शीर्ष से 65वें और नीचे से 34वें स्थान पर है। उसकी कक्षा में कुल कितने विद्यार्थी हैं?

Ans
✘ A. 99
✔ B. 98
✘ C. 96
✘ D. 97

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Q.79 निम्नलिखित में से किस अक्षर-समूह द्वारा # और % को प्रतिस्थापित किया जाना चाहिए ताकि :: के बाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किया गया पैटर्न और संबंध, :: के दाईं ओर के अक्षर-समूह युग्म के बीच अनुसरण किए गए पैटर्न और संबंध के समान हो?
: HOW :: DKS : %

Ans
✗ A. # = HHP , % = KRZ
✓ B. # = AHP , % = KRZ
✗ C. # = AHP , % = KRI
✗ D. # = AHP , % = LRZ

Q.80 शब्द CUDGELS के प्रत्येक अक्षर को अंग्रेजी वर्णमाला क्रम में व्यवस्थित किया जाता है। इस प्रकार बने नए अक्षर-समूह में बाएं से पहले अक्षर और दाएं से दूसरे अक्षर के बीच, अंग्रेजी वर्णमाला क्रम में कितने अक्षर हैं?

Ans
✗ A. सत्रह
✓ B. पंद्रह
✗ C. चौदह
✗ D. अठारह

Section : General Awareness and Current Affairs

Q.81 निम्नलिखित में से किसे, जनवरी 2026 में खेल के क्षेत्र में योगदान के लिए पद्म भूषण से सम्मानित किया गया था?

Ans
✗ A. अरविंद वैद्य
✗ B. अशोक खाडे
✓ C. विजय अमृतराज
✗ D. पीयूष पांडे

Q.82 2026 में, मलयालम सिनेमा के किस सुपरस्टार को पद्म भूषण से सम्मानित किया गया?

Ans
✗ A. प्रयोगात्मक और यथार्थवादी सिनेमाई प्रदर्शनों के लिए फहद फासिल को
✓ B. भारतीय और मलयालम सिनेमा में योगदान के लिए ममूटी को
✗ C. भारतीय दर्शकों के बीच क्षेत्रीय सिनेमा को बढ़ावा देने के लिए दुलकर सलमान को
✗ D. निर्देशन और बहुभाषी अभिनय में उपलब्धियों के लिए पृथ्वीराज सुकुमारन को

Q.83 Which two authors won the Sahitya Akademi Award 2025 for English and Hindi, respectively?

Ans
✓ A. Navtej Sarna & Mamta Kalia
✗ B. Chetan Bhagat & Chitra Mudgal
✗ C. Vikram Seth & Mridula Garg
✗ D. Amitav Ghosh & Uday Prakash

Q.84 In March 2026, Bank of Baroda operationalized a digital credit micro-lending facility by launching an Overdraft (OD) facility on Credit Line via UPI. Who are the primary beneficiaries targeted under this specific initiative?

Ans
✗ A. Individual marginal farmers under the PM-KISAN scheme
✓ B. Verified members of Women Self-Help Groups (SHGs)
✗ C. Retail merchants registered under MSME digital platforms
✗ D. Individual salaried employees holding corporate accounts

Q.85 फरवरी 2026 में, 79वें BAFTA अवार्ड्स ने मुख्य रूप से किस क्षेत्र से संबंधित उपलब्धियों को सम्मानित किया?

Ans
✓ A. अंतर्राष्ट्रीय फिल्म निर्माणों
✗ B. अंतर्राष्ट्रीय खेल आयोजनों
✗ C. अंतर्राष्ट्रीय थिएटर महोत्सवों
✗ D. अंतर्राष्ट्रीय संगीत सभाओं

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Q.86 भारतीय सूक्ष्म गुरुत्वाकर्षण प्रयोग – 2026 (iMEx-2026) कार्यक्रम किस संगठन की राष्ट्रीय पहल है?

Ans

✗ A. रक्षा अनुसंधान एवं विकास संगठन (DRDO)

✗ B. विज्ञान एवं प्रौद्योगिकी विभाग (DST)

✗ C. भारतीय राष्ट्रीय अंतरिक्ष संवर्धन और प्राधिकरण केंद्र (IN-SPACe)

✓ D. भारतीय अंतरिक्ष अनुसंधान संगठन (ISRO)

Q.87 मई 2026 में भारत में लॉन्च किए गए, सेमीकंडक्टर निवेशक सहायता पोर्टल (Semiconductor Investors Support Portal) का मुख्य लक्ष्य क्या है?

Ans

✗ A. उपभोक्ताओं के लिए ऑनलाइन शॉपिंग को सुगम बनाना

✗ B. देश भर में इंटरनेट उपयोग की निगरानी करना

✗ C. सोशल मीडिया कंटेंट क्रिएशन को बढ़ावा देना

✓ D. चिप निर्माण निवेश को समर्थन और प्रोत्साहन देना

Q.88 मार्च 2026 में, राष्ट्रीय मानवाधिकार आयोग (NHRC) ने सोशल मीडिया तक बच्चों की पहुंच पर एक खुली चर्चा आयोजित की। किस चिंता को विशेष रूप से एक प्रमुख सामाजिक चुनौती के रूप में उजागर किया गया था?

Ans

✗ A. परीक्षा का दबाव, ट्यूशन लागत, पाठ्यपुस्तक पाइरेसी और कोचिंग धोखाधड़ी

✓ B. साइबर-बुलिंग, डेटा गोपनीयता दुरुपयोग, यौन उत्पीड़न और साइबर धोखाधड़ी

✗ C.
शहरी प्रवास, आवास की कमी, जल की कमी और वायु प्रदूषण

✗ D. ग्रामीण निरक्षरता, विद्यालय अनुपस्थिति, कुपोषण और बाल श्रम

Q.89 Exercise Dweep Shakti 2026 was successfully conducted by which of the following military commands of India?

Ans

✗ A. Strategic Forces Command

✓ B. Andaman and Nicobar Command

✗ C. Northern Command

✗ D. Eastern Naval Command

Q.90 In January 2026, who secured first rank in the merit list under the benchmark disabilities category in the Kerala Judicial Service Examination?

Ans

✓ A. Thanya Nathan C.

✗ B. Ananya R. Nair

✗ C. Sreelakshmi S.

✗ D. Meera K. Menon

Q.91 जनवरी 2026 में बोस्टन में आयोजित न्यू बैलेंस इंडोर ग्रांड प्रिक्स (New Balance Indoor Grand Prix) में, किस एथलीट ने पुरुषों के इंडोर 800 मीटर विश्व रिकॉर्ड को तोड़कर 1997 से चले आ रहे रिकॉर्ड को समाप्त किया?

Ans

✗ A. डोनावन ब्रेज़ियर (Donavan Brazier)

✗ B. ब्राइस होप्पेल (Bryce Hoppel)

✓ C. जोश होए (Josh Hoey)

✗ D. एलियट क्रेस्तान (Eliott Crestan)

Q.92 As of March 2026, India's position as the fourth-largest global wind energy producer contributes to which of the following national priorities under SDG frameworks?

Ans

✓ A. Transitioning to a low-carbon economy

✗ B. Focusing on urban infrastructure development

✗ C. Enhancing agricultural exports

✗ D. Promoting only rural electrification

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Q.93 When is the National Technology Day celebrated every year in India to recognize the country's scientific and technological achievements?

Ans

✗ A. June 21

✗ B. May 15

✓ C. May 11

✗ D. May 5

Q.94 भारतीय सेना द्वारा 2026 में किस भारतीय राज्य में पहली बार बहुपक्षीय सैन्य अभ्यास 'प्रगति' आयोजित किया गया था?

Ans

✗ A. बिहार

✓ B. मेघालय

✗ C. राजस्थान

✗ D. जम्मू और कश्मीर

Q.95 जुलाई 2026 में, केंद्रीय मंत्रिमंडल ने विस्तारित खेलो इंडिया योजना और राष्ट्रीय खेल संघों (ANSF) को बढ़ी हुई सहायता को अनुमोदित किया, जिसका उद्देश्य क्या था?

Ans

✗ A. प्रत्येक राज्य और केंद्र शासित प्रदेश में एक राष्ट्रीय खेल विश्वविद्यालय और प्रत्यायन इकाइयों की स्थापना करना

✗ B. प्रत्येक राज्य में प्रत्येक ओलंपिक खेल के लिए राष्ट्रीय उत्कृष्टता केंद्र स्थापित करना और सभी विद्यालयों में खेल शिक्षा को अनिवार्य करना

✓ C. युवा विकास और राष्ट्र निर्माण के लिए खेलों की शक्ति का दोहन करने की सरकार की प्रतिबद्धता की पुष्टि करना

✗ D. बड़े महानगरों में विश्व-स्तरीय खेल परिसर विकसित करके खेल पर्यटन को बढ़ावा देना और अंतरराष्ट्रीय चैंपियनशिप की मेजबानी करने के लिए सब्सिडी प्रदान करना

Q.96 Who among the following has been named the Laureus World Sportsperson of the Year with a Disability in 2026 for outstanding achievements in international para-swimming?

Ans

✗ A. Markus Rehm

✗ B. Marcel Hug

✗ C. Diede de Groot

✓ D. Gabriel Araújo

Q.97 मार्च 2026 में, किस संगठन ने भारतीय राज्यों के राजकोषीय प्रदर्शन का आकलन करने के लिए राजकोषीय स्वास्थ्य सूचकांक (Fiscal Health Index - FHI) 2026 का दूसरा संस्करण जारी किया?

Ans

✓ A. नीति आयोग

✗ B. राष्ट्रीय सांख्यिकी कार्यालय

✗ C. वित्त आयोग

✗ D. भारतीय रिजर्व बैंक

Q.98 In August 2025, severe rainfall and a reported cloudburst in which Maharashtra district resulted in fatalities and widespread flooding?

Ans

✗ A. Nagpur

✗ B. Nashik

✗ C. Pune

✓ D. Nanded

Q.99 As announced in April 2026, the historic city of Dhar has been selected under the Centre's 'Safe Cities' project, an initiative aimed at strengthening women's safety infrastructure and urban security. In which of the following states of India, is Dhar located?

Ans

✓ A. Madhya Pradesh

✗ B. Uttar Pradesh

✗ C. Chhattisgarh

✗ D. Rajasthan

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Q.100 पेरिस जलवायु समझौता (Paris Climate Agreement), जिससे संयुक्त राज्य अमेरिका ने 7 जनवरी 2026 को हटने की घोषणा की थी, किस अंतर्राष्ट्रीय कन्वेंशन के ढांचे के अंतर्गत अंगीकार किया गया था?

Ans

✔ A. जलवायु परिवर्तन पर संयुक्त राष्ट्र फ्रेमवर्क कन्वेंशन (United Nations Framework Convention on Climate Change)

✘ B. जैव विविधता कन्वेंशन (Convention on Biological Diversity)

✘ C. ओजोन परत के संरक्षण के लिए वियना कन्वेंशन (Vienna Convention for the Protection of the Ozone Layer)

✘ D. मरुस्थलीकरण का मुकाबला करने के लिए संयुक्त राष्ट्र कन्वेंशन (United Nations Convention to Combat Desertification)

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सी०ई०एन० ०९/२०२५-7 वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 09/2025 - Various Posts in Level 1 of 7th CPC Pay Matrix

सत्यमेव जयते

Test Date	25/08/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB Level 01 Stage I 2025

Section : **General Science**

Q.1 **What characteristic is shared by both bacteria and cyanobacteria?**

Ans

✗ A. Both possess well defined nucleus

✗ B. Both live in the gut of ruminants

✗ C. Both reproduce by forming seeds

✓ D. Both are single-celled prokaryotes

Q.2 **Which of the following observations would violate the law of constant proportions?**

Ans

✗ A. A sample of ammonia containing nitrogen and hydrogen in a 14:3 mass ratio.

✗ B. A sample of sodium chloride with sodium and chlorine in a 23:35.5 mass ratio.

✗ C. A sample of water containing hydrogen and oxygen in a 1:8 mass ratio.

✓ D. A sample of magnesium sulphide containing magnesium and sulphur in a 4:3 mass ratio.

Q.3 **Why does coal have a higher carbon content compared to the original plant material?**

Ans

✓ A. Water and volatile substances are lost during coal formation

✗ B. Minerals are added to plant remains in the soil

✗ C. Gas from the atmosphere is absorbed by the plants

✗ D. Sunlight increases the carbon in buried plants

Q.4 **A chemist keeps calcium carbonate, silver chloride, and lead nitrate exposed to sunlight. Which compound/s show/s a visible change?**

Ans

✗ A. Only lead nitrate

✓ B. Only silver chloride

✗ C. All three compounds

✗ D. Only calcium carbonate

Q.5 **An object moving with kinetic energy 800 J experiences a net work of −600 J. What happens to the object?**

Ans

✗ A. It continues with same speed

✗ B. It stops moving

✓ C. It moves with half speed

✗ D. It doubles its speed

Q.6 **Which of the following statements about the solubility of solids and gases in liquids is generally CORRECT?**

Ans

✓ A. Solubility of solids in liquids increases, while that of gases in liquids decreases with an increase in temperature.

✗ B. Solubility of both solids and gases in liquids decreases with increase in temperature.

✗ C. Solubility of solids in liquids decreases, while that of gases in liquids increases with an increase in temperature.

✗ D. Solubility of both solids and gases in liquids increases with increase in temperature.

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Q.7 **Which of the following statements is/are CORRECT?**
Statement I: Atoms of different elements combine in definite proportions to form compounds.
Statement II: In a pure chemical compound, elements are always present in a definite proportion by mass.

Ans
- ✗ A. Both statements I and II are incorrect
- ✗ B. Only Statement I is correct
- ✓ C. Both statements I and II are correct
- ✗ D. Only Statement II is correct

Q.8 **Which of the following statements best describes how ultrasound is utilized in medical imaging?**

Ans
- ✓ A. Ultrasound waves reflect off tissues to create internal images.
- ✗ B. Ultrasound waves ionize tissues to produce visible images.
- ✗ C. Ultrasound waves pass through blood without interaction to form images.
- ✗ D. Ultrasound waves are absorbed by bones to visualize soft tissue.

Q.9 **What happens to soap molecules when they are added to water?**

Ans
- ✗ A. Hydrocarbon tails remain in water while ionic heads project outward.
- ✗ B. Both ionic heads and tails remain completely inside the water.
- ✓ C. Ionic heads remain in water while hydrocarbon tails project outward.
- ✗ D. Soap molecules dissolve randomly without forming any arrangement.

Q.10 **A climate scientist puts sensors on the valley floor and on the slopes. During the day, the sensors on the slopes show higher temperatures and more wind blowing up from the valley. Which phenomenon does this indicate?**

Ans
- ✗ A. Land breeze from nearby plains
- ✗ B. Sea breeze from distant water bodies
- ✗ C. Nighttime mountain breeze after cooling
- ✓ D. Daytime valley breeze due to slope heating

Q.11 **A constant force acts on an object and does 250 J of work while moving it through a distance of 25 m in the direction of the force. What is the magnitude of the force?**

Ans
- ✓ A. 10 N
- ✗ B. 20 N
- ✗ C. 15 N
- ✗ D. 25 N

Q.12 **A student is experiencing difficulty seeing objects clearly both at a distance and up close. After an examination, it is found that the eye muscles are not able to adjust the focal length of the lens properly. Which part of the human eye is most likely responsible for this issue?**

Ans
- ✗ A. Iris
- ✗ B. Retina
- ✗ C. Cornea
- ✓ D. Ciliary muscles

Q.13 **A botanist observes two cell types under a microscope. The first type has thick cell walls and large vacuoles, while the second type lacks cell walls and has small vacuoles. What can be inferred?**

Ans
- ✗ A. The first sample is animal tissue, and the second is plant tissue.
- ✗ B. Both samples are plant tissues.
- ✗ C. Both samples are animal tissues.
- ✓ D. The first sample is plant tissue, and the second is animal tissue.

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Q.14 A converging mirror has a radius of curvature of 30 cm. If an object is placed on the principal axis at 60 cm from the pole, what is the nature of the image formed?

Ans

✔ A. The image is real and inverted on the same side as the object

✘ B. The image is virtual and upright on the same side as the object

✘ C. The image is at the same position as the object

✘ D. The image is real and upright on the opposite side

Q.15 A student uses Fleming's Left Hand Rule to determine the direction of force on a conductor. If the forefinger points north, and the middle finger points east, in which direction will the force act?

Ans

✘ A. Westwards

✘ B. Downwards

✘ C. Southwards

✔ D. Upwards

Q.16 Amoeba, yeast, and hydra can reproduce even when only one parent organism is present. Which conclusion does this suggest about asexual reproduction?

Ans

✘ A. It produces only multicellular organisms.

✔ B. It occurs without fusion of gametes.

✘ C. Two parents are always necessary.

✘ D. It requires seeds for reproduction.

Q.17 What happens to the magnitude of action and reaction forces in Newton's third law pairs?

Ans

✔ A. They are always equal in magnitude and opposite in direction

✘ B. They depend on which object is heavier

✘ C. They cancel each other completely

✘ D. They combine to make a stronger force

Q.18 How are acids and bases similar in terms of their effect on skin?

Ans

✘ A. They both clean the skin without harm

✘ B. They both soothe the skin

✔ C. They both can cause irritation or burns

✘ D. They both act as moisturizers

Q.19 Which method is commonly used to extract sodium from its compound?

Ans

✘ A. Distillation

✘ B. Thermal decomposition

✘ C. Heating with carbon

✔ D. Electrolytic reduction

Q.20 Which of the following is considered as a nonbiodegradable substance?

Ans

✘ A. Banana leaves

✘ B. Cotton dresses

✘ C. Wooden plates

✔ D. Plastic bags

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Q.21 In a desert plant, carbon dioxide is taken in at night and stored as an intermediate, which is later used during the day for carbohydrate synthesis. What advantage does this adaptation provide to the plant in its environment?

Ans

✗ A. It allows carbohydrate synthesis only at night

✓ B. It reduces water loss by stomatal opening to cooler night hours

✗ C. It eliminates the need for chlorophyll

✗ D. It increases the rate of photosynthesis during the day

Q.22 Smoking increases the risk of which disease related to blood vessels?

Ans

✗ A. Goitre

✗ B. Diabetes

✓ C. Cardiovascular disease

✗ D. Anaemia

Q.23 A student observes a speed-time graph for a car that moves with constant speed for 10 seconds, then accelerates for 5 seconds. How can the student use the graph to calculate the total distance travelled during these 15 seconds?

Ans

✓ A. By calculating the area under the speed-time graph for each section and adding them

✗ B. By using only the area under the acceleration section

✗ C. By reading the final speed at 15 seconds and multiplying by 15

✗ D. By multiplying the total time by the average speed shown on the graph

Q.24 What determines how much water is re-absorbed during urine formation?

Ans

✗ A. Protein

✗ B. Oxygen

✓ C. Excess water

✗ D. Glucose

Q.25 If the direction of the magnetic field is north to south and the conductor moves upward, using Fleming's Right Hand Rule, what is the direction of the induced current?

Ans

✗ A. Towards West

✗ B. Away from the observer

✗ C. Towards the observer

✓ D. Towards East

Section : **Mathematics**

Q.26 Simplify: $\sqrt{256} + \sqrt{0.0121} - \sqrt{8.41}$

Ans

✗ A. 15.34

✗ B. 11.09

✓ C. 13.21

✗ D. 3.48

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Q.27 Given the following frequency distribution table of class intervals and frequencies:

Class Intervals	Frequency
10-20	5
20-30	9
30-40	15
40-50	6

What is the mode of the distribution?

Ans

✗ A. 20

✓ B. 34

✗ C. 24

✗ D. 40

Q.28 A motorboat travels 72 km downstream in 3 hours. The same boat takes 4 hours to cover 48 km upstream. What is the speed of the motorboat in still water?

Ans

✗ A. 16 km/hr

✗ B. 20 km/hr

✗ C. 15 km/hr

✓ D. 18 km/hr

Q.29 A dealer buys two articles X and Y for ₹2,500 each. He marks each of them at the same price. He sells X by giving two successive discounts of 84% and 37% and still earns ₹947 as profit. If he sells Y at a single discount of 86%, then what is the profit percentage on Y?

Ans

✗ A. 91%

✗ B. 90.5%

✗ C. 90%

✓ D. 91.5%

Q.30 A vendor buys 22 laptop bags for ₹43,670 and sells them at 20 for ₹39,760. How many laptop bags should be bought and sold at this rate, to earn a total profit of ₹1,227?

Ans

✗ A. 397

✗ B. 388

✗ C. 417

✓ D. 409

Q.31 Suman invested a sum of ₹3,500 at 20% per annum compound interest, compounded annually. If she received an amount of ₹6,048 after n years, the value of n is:

Ans

✗ A. 2

✗ B. 2.6

✗ C. 4

✓ D. 3

Q.32 A man drives to a town at 45 km/hr and returns by the same route at 60 km/hr. The total time taken is 7 hours. Find the distance to the town from the starting point.

Ans

✗ A. 175 km

✓ B. 180 km

✗ C. 182 km

✗ D. 165 km

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Q.33 The monthly income of a person is ₹7,545. If his income is increased by 20%, then what will be his new monthly income?

Ans
- ✗ A. ₹9,056
- ✓ B. ₹9,054
- ✗ C. ₹9,052
- ✗ D. ₹9,058

Q.34 Find the value of $\frac{\sin x}{1-\cot x}+\frac{\cos x}{1-\tan x}$.

Ans
- ✗ A. 1
- ✗ B. sinx − cosx
- ✓ C. sinx + cosx
- ✗ D. cosx − sinx

Q.35 The average of the marks obtained by 25 boys and 20 girls in a class is 73. If the girls' average marks are 4.5 more than the boys' average marks, find the total marks scored by all the girls.

Ans
- ✓ A. 1510
- ✗ B. 1450
- ✗ C. 1570
- ✗ D. 1550

Q.36 The average seats secured by a political party in the last 5 elections is 23. If the party secures 47 seats in the current elections, find the new average seats secured by this political party in the six elections.

Ans
- ✗ A. 30
- ✗ B. 28
- ✓ C. 27
- ✗ D. 29

Q.37 Two banks, A and B, offered loans at 3.5% and 8% per annum, respectively. Rupesh borrowed an amount of ₹3,00,000 from each bank. Find the positive difference between the amounts of simple interest (in ₹) paid to the two banks by Rupesh after 2 years.

Ans
- ✓ A. 27,000
- ✗ B. 26,500
- ✗ C. 28,000
- ✗ D. 28,500

Q.38 Twice the mother's present age is equal to four times her daughter's present age. The sum of their present ages is 72 years. What is the difference (in years) between their present ages?

Ans
- ✗ A. 19
- ✗ B. 26
- ✓ C. 24
- ✗ D. 21

Q.39 The perimeter of a square is 948 m. Its area (in m^2) is:

Ans
- ✗ A. 56,149
- ✗ B. 56,168
- ✗ C. 56,152
- ✓ D. 56,169

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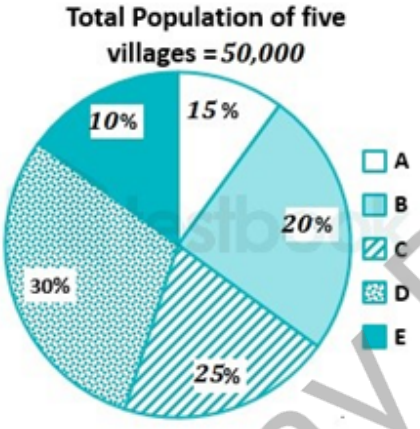
Q.40 Simplify the following: $3.6 + \frac{5}{2} - 1.25$

Ans
- ✔ A. $4\frac{17}{20}$
- ✘ B. $4\frac{7}{20}$
- ✘ C. $5\frac{3}{20}$
- ✘ D. $3\frac{9}{20}$

Q.41 Aman can complete a project alone in 27 days. Bela is 25% more efficient than Aman. They work together on the same project for 10 days. Then, Bela leaves, and Aman continues the work alone. In how many days will the project be completed?

Ans
- ✘ A. 16 days
- ✘ B. 15 days
- ✘ C. 13.5 days
- ✔ D. 14.5 days

Q.42 Study the given pie chart and answer the question that follows.
The pie chart shows the percentage of the population in five villages in a year.



Find the ratio of population in village A to that in village C.

Ans
- ✘ A. 2 : 3
- ✔ B. 3 : 5
- ✘ C. 2 : 5
- ✘ D. 1 : 3

Q.43 If the surface area of a sphere is 28.26 cm^2. What is its volume? (Use π = 3.14)

Ans
- ✔ A. 14.13 cm^3
- ✘ B. 20.42 cm^3
- ✘ C. 12.24 cm^3
- ✘ D. 18.31 cm^3

Q.44 The expenditure of Sudha is 100% more than her savings. If her expenditure decreases by 6% and savings increase by 18%, then by what percentage does her income increase?

Ans
- ✘ A. 7%
- ✔ B. 2%
- ✘ C. 5%
- ✘ D. 6%

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Q.45 Find the fourth proportional of $5\sqrt{3}$, $4\sqrt{5}$, and $10\sqrt{3}$.

Ans
- ✗ A. $8\sqrt{3}$
- ✗ B. $4\sqrt{3}$
- ✗ C. $5\sqrt{3}$
- ✓ D. $8\sqrt{5}$

Q.46 What will be the area of a rhombus whose side is 8 cm and altitude is 6 cm?

Ans
- ✗ A. 44 cm^2
- ✓ B. 48 cm^2
- ✗ C. 38 cm^2
- ✗ D. 54 cm^2

Q.47 The number 4488 is divisible by which of the following numbers?

Ans
- ✗ A. 26
- ✗ B. 19
- ✓ C. 22
- ✗ D. 30

Q.48 In a coding assessment conducted by a tech company, the scores of Candidate X and Candidate Y are in the ratio 12 : 15. If Candidate Y scored 75 marks, then find the score obtained by Candidate X.

Ans
- ✓ A. 60
- ✗ B. 50
- ✗ C. 65
- ✗ D. 55

Q.49 If $\frac{\text{cosec}\theta(1-\cos\theta)(\text{cosec}\theta+\cot\theta)}{(\cos\theta(\sec\theta+\tan\theta))} = \frac{1}{1+k}$, then the value of k is

Ans
- ✗ A. $\cos\theta$
- ✓ B. $\sin\theta$
- ✗ C. $\text{cosec}\theta$
- ✗ D. $\sec\theta$

Q.50 A bike is purchased for ₹1,20,000. If it depreciates by 18% in the first year and 7% in the second year, what is its value after two years?

Ans
- ✗ A. ₹98,230
- ✗ B. ₹90,340
- ✗ C. ₹89,450
- ✓ D. ₹91,512

Section : **General Intelligence and Reasoning**

Q.51 This question is based on the following words.
(LEFT) ION EBB PET GET (RIGHT)
How many letters are there between the third letter of the third word from the right and the first letter of the first word from the left as per the English alphabetical order?

Ans
- ✗ A. 7
- ✗ B. 8
- ✗ C. 5
- ✓ D. 6

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Q.52 Each letter in the word VERDANT is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is second from the left and the one which is third from the right in the new letter-cluster thus formed?

Ans

✔ A. Thirteen

✘ B. Twelve

✘ C. Ten

✘ D. Eleven

Q.53 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 18243564, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

Ans

✘ A. 10

✔ B. 4

✘ C. 12

✘ D. 8

Q.54 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans

✘ A. AEI

✘ B. KOS

✘ C. CGK

✔ D. OUA

Q.55 A, B, C, U, V and W live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. W lives on the topmost floor. Only three people live between W and B. A lives on a floor below B. V lives on an even numbered floor. C lives on an odd numbered floor but not on floor number 5. How many people live between U and B?

Ans

✘ A. Three

✔ B. Two

✘ C. Four

✘ D. One

Q.56 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
JTS, SCB, BLK, KUT, ?

Ans

✘ A. CDT

✔ B. TDC

✘ C. TCD

✘ D. DCT

Q.57 Sam starts from Point A and drives 9 km towards West. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans

✘ A. 7 km towards South

✘ B. 8 km towards South

✘ C. 9 km towards South

✔ D. 6 km towards South

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Q.58 Seven friends J, K, L, M, N, O and P are sitting in a straight line, facing north. K sits third to the right of L. O is an immediate neighbor of K and M. L is an immediate neighbor of J and P. N sits second to the left of O. P does not sit on any of the extreme ends. Three of the following four are alike in a certain way based on the given arrangement and thus form a group. Which is the one that does not belong to that group?

Ans
- ✗ A. P and N
- ✗ B. L and P
- ✗ C. J and L
- ✓ D. N and O

Q.59 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All biscuits are wafers. No biscuit is a candy.

Conclusion (I) : All candies are biscuits.
Conclusion (II) : No wafer is a biscuit.

Ans
- ✗ A. Only conclusion I follows
- ✗ B. Only conclusion II follows
- ✗ C. Both conclusions I and II follow
- ✓ D. Neither conclusion I nor II follows

Q.60 The position(s) of how many letters will remain unchanged if each letter in the word STICKER is arranged in the English alphabetical order?

Ans
- ✗ A. None
- ✗ B. Three
- ✗ C. Two
- ✓ D. One

Q.61 In a certain code language,
A @ B means 'A is the mother of B'
A # B means 'A is the brother of B'
A - B means 'A is the wife of B'
A + B means 'A is the father of B'
Based on the above, how is C related to B if 'C @ R # U - M + B'?

Ans
- ✓ A. Mother's mother
- ✗ B. Mother's sister
- ✗ C. Father
- ✗ D. Mother

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

Ans
- ✓ A. HN:OT
- ✗ B. UZ:BG
- ✗ C. MR:TY
- ✗ D. PU:WB

Q.63 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 81527236, what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

Ans
- ✗ A. 8
- ✗ B. 6
- ✗ C. 4
- ✓ D. 10

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Q.64 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
: XZY :: QSR : %

Ans
✗ A. # = ZDC , % = OQP
✓ B. # = ZBA , % = OQP
✗ C. # = ZBZ , % = NPO
✗ D. # = ZBA , % = OPQ

Q.65 G, H, J, K, L and P live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
H lives on floor numbered 5. G lives on a floor above H. Only P lives below L. J lives on an even numbered floor. How many people live below K?

Ans
✗ A. One
✗ B. Four
✓ C. Two
✗ D. Three

Q.66 Seven boxes, I, J, K, L, Q, R and S, are kept one over the other, but not necessarily in the same order. Only L is kept above Q. Only I is kept between Q and S. Only K is kept below J. How many boxes are kept between R and K?

Ans
✗ A. Three
✗ B. Four
✓ C. One
✗ D. Two

Q.67 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only one person sits between G and F when counted from the left of F. E sits third to the right of D. C sits third to the left of A. E sits to the immediate right of C. B is not an immediate neighbour of C. How many people sit between E and G when counted from the right of G?

Ans
✗ A. 4
✗ B. 2
✗ C. 1
✓ D. 3

Q.68 In a certain code language, 'SOLE' is coded as '8921' and 'LONE' is coded as '7281'. What is the code for 'N' in the given code language?

Ans
✓ A. 7
✗ B. 2
✗ C. 9
✗ D. 1

Q.69 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some hands are legs. No leg is a face.

Conclusion (I) : All faces are legs.
Conclusion (II) : No leg is a hand.

Ans
✗ A. Both conclusions I and II follow
✓ B. Neither conclusion I nor II follows
✗ C. Only conclusion II follows
✗ D. Only conclusion I follows

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Q.70 Refer to the following letter, number, symbol series and answer the question. (All numbers are single-digit numbers only.) (Counting to be done from left to right only.)
(Left) Y A & 7 % G D 4 @ & K 6 T E 5 # 3 2 * R Z (Right)
How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a letter?

Ans
✗ A. Three
✓ B. Two
✗ C. None
✗ D. One

Q.71 This question is based on the following words.
(LEFT) BET YOU ZAP FRY (RIGHT)
How many letters are there between the second letter of the second word from the right and the third letter of the second word from the left as per the English alphabetical order?

Ans
✗ A. 15
✗ B. 22
✗ C. 12
✓ D. 19

Q.72 Refer to the following letter series and answer the question (Counting to be done from left to right only).
(Left) K I F R I Z O K U F U I I F U K Y X A B (Right)
How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

Ans
✓ A. Six
✗ B. Four
✗ C. Seven
✗ D. Five

Q.73 31 is related to 122 following a certain logic. Following the same logic, 24 is related to 94. To which of the following is 19 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
✗ A. 70
✗ B. 64
✓ C. 74
✗ D. 78

Q.74 **Refer to the following series and answer the question that follows. (All numbers are single-digit numbers only.) (Counting to be done from left to right only.)**

(Left) 4 2 4 5 2 5 3 6 2 3 3 7 4 1 5 1 5 7 8 7 7 9 8 4 3 6 9 (Right)

How many such odd digits are there each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans
✗ A. 3
✗ B. 2
✓ C. 5
✗ D. 4

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Q.75 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
: VRO :: CYV : %

Ans
- ✔ A. # = FBY , % = SOL
- ✘ B. # = FDA , % = SOL
- ✘ C. # = FBY , % = SNM
- ✘ D. # = FBX , % = RNK

Q.76 Which of the following options should come in place of the question mark (?) in the given series?

90 70 52 36 22 ?

Ans
- ✘ A. 12
- ✔ B. 10
- ✘ C. 14
- ✘ D. 8

Q.77 **14 is related to 195 following a certain logic. Following the same logic, 11 is related to 120. To which of the following is 15 related, following the same logic?**
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans
- ✔ A. 224
- ✘ B. 324
- ✘ C. 234
- ✘ D. 240

Q.78 **Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?**
: BGJ :: NSV : %

Ans
- ✘ A. # = EPM % = QZS
- ✘ B. # = FHM % = KOV
- ✘ C. # = EUN % = OQS
- ✔ D. # = EJM % = KPS

Q.79 **If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of question mark '?' in the following equation?**
9 A 3 C 5 B 6 D 10 = ?

Ans
- ✘ A. 27
- ✘ B. 21
- ✘ C. 25
- ✔ D. 23

Q.80 **J is the mother of U. U is the sister of N. D is the father of R. R is the son of N. How is J related to R?**

Ans
- ✘ A. Mother's sister
- ✘ B. Mother
- ✔ C. Mother's mother
- ✘ D. Sister

Section : **General Awareness and Current Affairs**

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Q.81 Who was elected as the Prime Minister of Nepal following the elections held in March 2026?

Ans

✗ A. Lokendra Bahadur Chand

✗ B. Sher Bahadur Deuba

✗ C. Pushpa Kamal Dahal

✓ D. Balendra Shah

Q.82 Scientists from which institute developed the electrolyte additive BDIM to improve the performance of aqueous zinc-ion batteries, as announced in June 2026?

Ans

✗ A. CSIR–National Chemical Laboratory (CSIR-NCL)

✗ B. Indian Institute of Science (IISc)

✓ C. Institute of Nano Science and Technology (INST)

✗ D. Bhabha Atomic Research Centre (BARC)

Q.83 In April 2026, which initiative was launched by the Reserve Bank of India to strengthen the Urban Co-operative Banking sector?

Ans

✗ A. Mission SAHYOG

✓ B. Mission SAKSHAM

✗ C. Mission SAMARTH

✗ D. Mission SURAKSHA

Q.84 Which of the following organizations published the 'Corruption Perceptions Index 2025' in February 2026?

Ans

✗ A. United Nations

✗ B. World Bank

✗ C. International Monetary Fund

✓ D. Transparency International

Q.85 Against which of these countries did Pakistan declare open war in February 2026?

Ans

✓ A. Afghanistan

✗ B. Nepal

✗ C. India

✗ D. Iran

Q.86 At the end of the Ladakh leg of the 6th Khelo India Winter Games (KIWG) 2026, which of the following states/union territories topped the medal tally?

Ans

✗ A. Uttarakhand

✗ B. Karnataka

✗ C. Himachal Pradesh

✓ D. Haryana

Q.87 In March 2026, the Union Cabinet approved India's updated Nationally Determined Contribution (NDC) for the period 2031-2035. What is the new target for reducing the emissions intensity of India's GDP by 2035?

Ans

✗ A. 60 percent from 2005 level

✗ B. 45 percent from 2010 level

✓ C. 47 percent from 2005 level

✗ D. 35 percent from 2005 level

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Q.88 What key initiative was launched to structure India's long-term development roadmap aligning with the SDGs?

Ans

✗ A. SDG Coordination Centres

✗ B. Pradhan Mantri Fasal Bima Yojana

✗ C. Data for Development Coordination Forum

✓ D. Viksit Bharat @ 2047 Vision

Q.89 At the inaugural Indian Athletics Awards 2026 by the Athletic Federation of India, who was named the Best Female Athlete of the Year 2025?

Ans

✗ A. Ancy Sojan

✗ B. Jyothi Yarraji

✗ C. Avinash Sable

✓ D. Parul Chaudhary

Q.90 The theme of World Water Day 2026 is "Water and Gender". The observance is celebrated annually on:

Ans

✗ A. 21 March

✓ B. 22 March

✗ C. 10 March

✗ D. 8 March

Q.91 In July 2026, who was reappointed as the Chairman of the Central Board of Direct Taxes (CBDT) for an additional six-month term?

Ans

✗ A. Nitin Gupta

✗ B. Tuhin Kanta Pandey

✓ C. Ravi Agrawal

✗ D. Sanjay Malhotra

Q.92 On which occasion did India officially join the Pax Silica coalition in 2026?

Ans

✓ A. On the fifth day of the India AI Impact Summit 2026

✗ B. During the 2025 Science and Tech Forum

✗ C. At the G20 Summit 2026

✗ D. On the first day of Digital India Week

Q.93 In May 2026, the Supreme Court observed that the Election Commission of India's power to conduct a Special Intensive Revision (SIR) of electoral rolls is derived from which of the following Articles of the Constitution?

Ans

✓ A. Article 324

✗ B. Article 327

✗ C. Article 326

✗ D. Article 325

Q.94 In January 2026, the Padma Bhushan was awarded to which former Maharashtra governor?

Ans

✗ A. S. C. Jamir

✗ B. C. P. Radhakrishnan

✗ C. Vidyasagar Rao

✓ D. Bhagat Singh Koshyari

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Q.95 The governance campaign “Sushasan Tihar 2026”, launched in May 2026, was associated with which Indian state?

Ans

✗ A. Madhya Pradesh

✓ B. Chhattisgarh

✗ C. Jharkhand

✗ D. Uttar Pradesh

Q.96 Which tennis player had won the 2026 Monte-Carlo Masters singles title after defeating Carlos Alcaraz in the final held on 12 April 2026?

Ans

✓ A. Jannik Sinner

✗ B. Alexander Zverev

✗ C. Daniil Medvedev

✗ D. Novak Djokovic

Q.97 Which social reformer's 200th birth anniversary was commemorated on April 11, 2026, in India?

Ans

✗ A. Sardar Vallabhbhai Patel

✗ B. Dr. B.R. Ambedkar

✓ C. Jyotirao Phule

✗ D. Rabindranath Tagore

Q.98 Where did the inaugural India International Disputes Week (IIDW) 2026 took place from **March 7–11, 2026**, under the theme “Where the World Meets to Resolve Disputes”?

Ans

✗ A. Jaipur

✗ B. Shimla

✗ C. Hyderabad

✓ D. Chandigarh

Q.99 At the 2026 London Marathon, which athlete became the first man in history to officially complete a marathon in under two hours in a competitive race?

Ans

✗ A. Jacob Kiplimo

✗ B. Eliud Kipchoge

✗ C. Yomif Kejelcha

✓ D. Sabastian Sawe

Q.100 Why was the E-Prisons Module in the news in 2026?

Ans

✗ A. It was launched to conduct online court hearings.

✗ B. It replaced the prison manual in all States.

✓ C. The Supreme Court closed prison reform proceedings after its launch

✗ D. It was introduced to monitor prison security through AI.

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