



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	16/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Find the area of a quadrilateral ABCD whose area is twice the area of a triangle PQR. The sides of triangle PQR are in the ratio 4:5:6 and the perimeter of the triangle is 90 cm (use $\sqrt{7} = 2.6$).

- Ans**
- ☒ A. 656 cm²
 - ☒ B. 702 cm²
 - ☒ C. 763 cm²
 - ☒ D. 698 cm²

Q.2 What should come in place of the question mark (?) in the given series?

89 87 84 79 72 ?

- Ans**
- ☒ A. 57
 - ☒ B. 59
 - ☒ C. 63
 - ☒ D. 61

Q.3 20% of a number is more than 20% of 620 by 210. The number is:

- Ans**
- ☒ A. 1520
 - ☒ B. 1720
 - ☒ C. 1670
 - ☒ D. 1770

Q.4 Working of hydraulic lift and hydraulic brakes is based on:

- Ans**
- ☒ A. Faraday's law
 - ☒ B. Gay-Lussac's law
 - ☒ C. Pascal's law
 - ☒ D. Coulomb's law

Q.5 P, Q, R, S, T, U and V sit around a circular table facing the centre. Only one person sits between U and P when counted from the right of U. Only one person sits between P and R. Only one person sits between U and Q. Only two people sit between V and R. Only one person sits between T and Q. How many people sit between T and V when counted from the left of T?

- Ans**
- ☒ A. 3
 - ☒ B. 2
 - ☒ C. 4
 - ☒ D. 1

Q.6 What is the name of the powerful non-nuclear bomb unveiled by Turkey at the 17th International Defence Industry Fair (IDEF) in July 2025?

- Ans**
- ☒ A. Nebula
 - ☒ B. Phantom-X
 - ☒ C. Gazap
 - ☒ D. Titan

Q.7 Anand has ₹1407 with him. He divides this amount between his two sons, Anil and Ashok, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Anil's investment amounts to the same value after 15 years as Ashok's investment does after 16 years. How much (in ₹) did Anand give to Ashok?

- Ans**
- ☒ A. 737
 - ☒ B. 837
 - ☒ C. 520
 - ☒ D. 670

Q.8 Which of the following Articles of the Indian Constitution directs the State to ensure equal pay for equal work for both men and women?

- Ans**
- ☒ A. Article 42(b)
 - ☒ B. Article 15
 - ☒ C. Article 39(d)
 - ☒ D. Article 14

Q.9 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
VPG 7, ZTK 11, DXO 15, HBS 19, ?

- Ans**
- ☒ A. LEU 23
 - ☒ B. MGX 23
 - ☒ C. LGY 24
 - ☒ D. LFW 23

Q.10 EGDH is related to FIFI in a certain way based on the English alphabetical order. In the same way, JMHL is related to KOJM. To which of the following is NPRS related, following the same logic?

- Ans**
- ☒ A. ORTT
 - ☒ B. ORST
 - ☒ C. OSST
 - ☒ D. OOPT

Q.11 The average of 13 numbers is 8. If each number is multiplied by 7, then what will the new average be:

- Ans**
- ☒ A. 7
 - ☒ B. 8
 - ☒ C. 56
 - ☒ D. 13

Q.12 Administrators of the Andaman and Nicobar Islands and Puducherry are designated as _____.

- Ans**
- ☒ A. Governor
 - ☒ B. Lieutenant Governor
 - ☒ C. Administrator
 - ☒ D. Chief Minister

Q.13 If $(y - 12) = 4\sqrt{5}$, then find the value of $\sqrt{y-3} - \frac{1}{\sqrt{y-3}}$.

- Ans**
- ☒ A. 6
 - ☒ B. 4
 - ☒ C. 8
 - ☒ D. 9

Q.14 At the 2025 ICC Champions Trophy held in Dubai, which country did India defeat to secure their seventh ICC title in men's senior cricket?

- Ans**
- ☒ A. South Africa
 - ☒ B. England
 - ☒ C. New Zealand
 - ☒ D. Australia

Q.15 Which legislation forms the legal basis for the creation and operation of the Central Administrative Tribunal (CAT)?

- Ans**
- ☒ A. The Service Matters Act, 1990
 - ☒ B. The Administrative Tribunals Act, 1985
 - ☒ C. The Judiciary Act, 1971
 - ☒ D. The Tribunals Reforms Act, 1980

Q.16 In December 2025, the Finance Minister called on states to manage their debt within the limits prescribed under which fiscal framework?

- Ans**
- ☒ A. GST
 - ☒ B. FRBM
 - ☒ C. Monetary Policy
 - ☒ D. NITI Aayog

Q.17 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. Only five people have exams between V and T. Only two people have exams between R and T. Q has the exam immediately after R. S has the exam immediately before P but after T. How many people have exams between P and U?

- Ans**
- ☒ A. One
 - ☒ B. Two
 - ☒ C. Three
 - ☒ D. Four

Q.18 Girish scored 572 marks in an examination and was 30 marks short of 28% of maximum marks. In the same examination, his friend scored 473 marks. What is the percentage of marks scored by his friend?

- Ans**
- ☒ A. 22%
 - ☒ B. 23%
 - ☒ C. 21%
 - ☒ D. 24%

Q.19 Two taps can fill a cistern in 4 hours and 38 hours respectively. A third tap can empty it in 38 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans**
- ☒ A. 1
 - ☐ B. 2
 - ☐ C. 3
 - ☐ D. 4

Q.20 If the median of a data is 61.54 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula to find the answer)

- Ans**
- ☐ A. 32.03
 - ☐ B. 36.77
 - ☒ C. 30.77
 - ☐ D. 28.47

Q.21 What was the main purpose of the India–MERCOSUR Preferential Trade Agreement discussions held in New Delhi on 16 October 2025?

- Ans**
- ☐ A. To establish a common currency
 - ☐ B. To coordinate defense policies
 - ☐ C. To standardize education systems
 - ☒ D. To promote trade and investment

Q.22 Under the Union Budget 2025–26, the FDI limit in the insurance sector was increased from:

- Ans**
- ☐ A. 26% to 49%
 - ☐ B. 51% to 100%
 - ☒ C. 74% to 100%
 - ☐ D. 49% to 74%

Q.23 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) © 3 @ 8 5 1 £ 1 6 1 5 7 2 8 # € £ © € © 1 3 (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. 1
 - ☐ B. 0
 - ☐ C. 2
 - ☐ D. 3

Q.24 A train travelling at 60 km/hr crosses another train travelling in the opposite direction at 84 km/hr in 30 seconds. What is the combined length (in m) of both the trains?

- Ans**
- ☐ A. 1000
 - ☐ B. 1300
 - ☒ C. 1200
 - ☐ D. 1100

Q.25 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
FZN 4 XRF 6 PJX 9 HBP 13 ?

- Ans**
- ☐ A. ZKW 21
 - ☐ B. LFR 17
 - ☒ C. ZTH 18
 - ☐ D. XHD 19

Q.26 A boat can row 36 km downstream in the same time as it takes to row 24 km upstream. If the speed of the stream is 3 km/h, what is the speed of the boat in still water?

- Ans ☒ A. 15 km/h
☐ B. 12 km/h
☐ C. 21 km/h
☐ D. 18 km/h

Q.27 Manoj starts from Point A and drives 25 km towards South. He then takes a left turn, drives 17 km, turns left and drives 28 km. He then takes a left turn and drives 20 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. 2 km to the west
☐ B. 2 km to the east
☐ C. 3 km to the west
☒ D. 3 km to the east

Q.28 In a certain code language,
A + B means 'A is the mother of B'
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'

Based on the above, how is S related to P if 'S - K ÷ T × V + P'?

- Ans ☐ A. Mother's sister
☐ B. Father's mother
☐ C. Father's sister
☒ D. Mother's mother

Q.29 A tower stands vertically on the ground. From a point on the ground which is 28.6 m away from the foot of a tower, the angle of elevation of the top of the tower is found to be 45°. Find the height of the tower.

- Ans ☐ A. 22.6 m
☒ B. 28.6 m
☐ C. 24.6 m
☐ D. 26.6 m

Q.30 In a certain code language, 'BELI' is coded as '6315' and 'EVIL' is coded as '9653'. What is the code for 'V' in the given code language?

- Ans ☐ A. 6
☐ B. 3
☒ C. 9
☐ D. 7

Q.31 The mean marks of the following distribution is:

Marks Obtained	No. of Students
81	15
35	4
73	3
56	16

- Ans
- ☐ A. 51
 - ☐ B. 60
 - ☒ C. 65
 - ☐ D. 74

Q.32 Which two neighbors combined have a land border with India longer than China's border?

- Ans
- ☒ A. Bangladesh and Pakistan
 - ☐ B. Bhutan and Afghanistan
 - ☐ C. Nepal and Myanmar
 - ☐ D. Pakistan and Nepal

Q.33 What is the maximum value that must be assigned to A so that the 8-digit number 816A0408 is divisible by 4?

- Ans
- ☐ A. 5
 - ☐ B. 7
 - ☒ C. 9
 - ☐ D. 4

Q.34 Which major technological advancement characterizes the fourth generation of computers?

- Ans
- ☒ A. Microprocessors
 - ☐ B. Transistors
 - ☐ C. Vacuum tubes
 - ☐ D. Integrated circuits

Q.35 VASE is related to ZEOA in a certain way based on the English alphabetical order. In the same way, DIKW is related to HMGS. To which of the following is LQCO related, following the same logic?

- Ans
- ☐ A. QUXL
 - ☐ B. QVZL
 - ☐ C. OTXJ
 - ☒ D. PUYK

Q.36 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. BXS
 - ☒ B. DZV
 - ☐ C. PLG
 - ☐ D. WSN

Q.37 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 canals are rivers.
Some rivers are oceans.
Some oceans are ponds.

Conclusions:

(I) All ponds are rivers.
(II) All oceans are canals.

- 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.38 Which institution released the policy report titled Internationalisation of Higher Education in India: Prospects, Potential, and Policy Recommendations in December 2025?

- Ans** ☐ A. All India Council for Technical Education
☐ B. University Grants Commission
☐ C. Ministry of Education
☒ D. NITI Aayog

Q.39 Evaluate: $(-9) - (-56) \div (-14) + (-4) \times 7$

- Ans** ☐ A. -40
☒ B. -41
☐ C. -43
☐ D. -44

Q.40 In which language was the Sangam literature of South India, composed between 300 BCE and 300 CE, primarily written?

- Ans** ☐ A. Sanskrit
☐ B. Pali
☒ C. Tamil
☐ D. Prakrit

Q.41 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. I sits second to the right of W. I sits third to the left of F. V sits third to the left of X. G is an immediate neighbour of both W and F. How many people sit between H and G when counted from the left of H?

- Ans** ☐ A. One
☐ B. Zero
☒ C. Three
☐ D. Two

Q.42 Consider a hypothetical population of rabbits experiencing logistic growth. If the carrying capacity of their environment is 1000 individuals and the current population is 500, what would you expect to happen to the population?

- Ans** ☐ A. The population will decline rapidly due to resource depletion.
☐ B. The population will continue to grow exponentially without any constraints.
☐ C. The population will experience a sudden crash followed by a rapid rebound.
☒ D. The population growth will slow down and eventually stabilize near the carrying capacity.

Q.43 Which postulate of Dalton's Atomic Theory was proven wrong by the discovery of subatomic particles?

- Ans**
- ☐ A. Isotopes of the same element have different masses.
 - ☐ B. Atoms retain their identity in chemical reactions.
 - ☐ C. Atoms of different elements have different masses.
 - ☒ D. Matter consists of indivisible atoms.

Q.44 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 4 : 2 : 5. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹23,000, then out of a total annual profit of ₹37,000, what is the difference between X's and Y's profit?

- Ans**
- ☒ A. ₹3700
 - ☐ B. ₹5015
 - ☐ C. ₹3065
 - ☐ D. ₹4255

Q.45 At present, Sharad is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 63 years, then Sharad's present age (in years) is:

- Ans**
- ☐ A. 50
 - ☐ B. 55
 - ☒ C. 45
 - ☐ D. 35

Q.46 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.)
7 - 21 - 31 - 62; 9 - 27 - 37 - 74

- Ans**
- ☒ A. 11-33-43-86
 - ☐ B. 12-36-46-82
 - ☐ C. 8-32-42-84
 - ☐ D. 6-18-28-76

Q.47 Find the area of a regular hexagon whose side measures $14\sqrt{3}$ cm.

- Ans**
- ☐ A. $509\sqrt{3}$ cm²
 - ☐ B. $294\sqrt{3}$ cm²
 - ☒ C. $882\sqrt{3}$ cm²
 - ☐ D. $441\sqrt{3}$ cm²

Q.48 Which sector uses computers for online transactions, payroll processing, inventory control, and data analysis?

- Ans**
- ☐ A. Manufacturing Plants
 - ☐ B. Research
 - ☐ C. Service Industry
 - ☒ D. Business and Commerce

Q.49 By selling an article at $\frac{6}{15}$ of its actual selling price, Hitesh incurs a loss of 28%.

If he sells it at 89% of its actual selling price, then the profit percentage is

- Ans
- ☐ A. 59.2%
 - ☐ B. 60.5%
 - ☒ C. 60.2%
 - ☐ D. 60.7%

Q.50 If both the roots of the quadratic equation $A(8x^2 + 4) + Bx + 4x^2 - 8 = 0$ and $3A(2x^2 + 1) + Kx + 3x^2 - 6 = 0$ are common, then what is the value of $9B^2 - 16K^2$?

- Ans
- ☐ A. -1
 - ☐ B. 1
 - ☐ C. 2
 - ☒ D. 0

Q.51 If $a : b = 2 : 3$, then $(7a^3 - 2b^3) : (b^3 - a^3) =$

- Ans
- ☒ A. 2 : 19
 - ☐ B. 3 : 11
 - ☐ C. 13 : 6
 - ☐ D. 3 : 14

Q.52 In a triangle PQR, $\angle QOR = 130^\circ$, where O is the in-centre of triangle PQR. The measure of $\angle QPR$ is:

- Ans
- ☐ A. 70°
 - ☒ B. 80°
 - ☐ C. 60°
 - ☐ D. 50°

Q.53 Three printing machines, P, Q and R, when each is working alone, can print one lakh books in, respectively, 8 hours, 16 hours and 24 hours. These machines print books in turns of one hour each, starting with P, followed by Q and then by R. However, after a total of 9 hours, P stops functioning, but Q and R continue working alternately for an hour each, with Q working during the 10th hour, till the printing of all the one lakh books is completed. In how many hours in all did machines Q and R complete printing the remaining books?

- Ans
- ☐ A. 9
 - ☒ B. 6
 - ☐ C. 12
 - ☐ D. 15

Q.54 Which sector's share in GDP increased significantly by 1990, reflecting a shift in the Indian economy?

- Ans
- ☒ A. Industry
 - ☐ B. Services
 - ☐ C. Agriculture
 - ☐ D. Mining

Q.55 Consider the following statements about Thawar Chand Gehlot.

1. He is the first person from Madhya Pradesh to serve as the Governor of Karnataka.
2. He is the 19th Governor of Karnataka.

Which of the above statements is/are correct?

- Ans**
- ☒ A. Both 1 and 2
 - ☐ B. Neither 1 nor 2
 - ☐ C. Only 2
 - ☐ D. Only 1

Q.56 There is a wooden block in the form of a cube whose each side is 8 meters long.
The maximum possible number of cylinders with a diameter of 1 meter and a height of 4 meters were cut from this block.
The cylinders are to be painted at the rate of ₹14 per square meter.

What is the total amount (in ₹) needed to paint all the cylinders if we paint the entire surface of each cylinder? (Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ A. 24,527
 - ☐ B. 23,455
 - ☒ C. 25,344
 - ☐ D. 24,325

Q.57 This question is based on the five, three-digit numbers given below.
(Left) 458 652 748 351 591 (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 third digit of the highest number is multiplied with the third digit of lowest number?

- Ans**
- ☒ A. 8
 - ☐ B. 7
 - ☐ C. 6
 - ☐ D. 5

Q.58 The sum of two numbers is 56. Their difference is $\frac{1}{7}$ of their sum. Their LCM is:

- Ans**
- ☒ A. 96
 - ☐ B. 63
 - ☐ C. 72
 - ☐ D. 84

Q.59 In a certain code language, 'CARD' is coded as '4628' and 'NEAT' is coded as '3574'.
What is the code for 'A' in that language?

- Ans**
- ☒ A. 4
 - ☐ B. 6
 - ☐ C. 3
 - ☐ D. 7

Q.60 What is the primary function of the water vascular system in echinoderms, such as starfish?

- Ans**
- ☐ A. Reproduction
 - ☐ B. Sensory perception
 - ☒ C. Locomotion and feeding
 - ☐ D. Gas exchange

Q.61 Which Harappan city, around 2500 BCE, is noted for its dockyard, indicating advanced architectural planning for trade?

- Ans
- ☐ A. Mohenjodaro
 - ☐ B. Kalibangan
 - ☒ C. Lothal
 - ☐ D. Dholavira

Q.62 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'.

Based on the above, how is E related to B if 'E + R @ D % N # B'?

- Ans
- ☐ A. Mother
 - ☐ B. Wife
 - ☐ C. Sister
 - ☒ D. Brother's wife

Q.63 $\frac{\sqrt[3]{6859}}{\sqrt[4]{256}} \times \frac{2}{57} \times 168 = ?$

- Ans
- ☒ A. 28
 - ☐ B. 37
 - ☐ C. 30
 - ☐ D. 38

Q.64 According to the Banking Laws (Amendment) Act, 2025, the threshold for 'substantial interest' in a bank was revised from ₹5 lakh to which of the following amounts?

- Ans
- ☐ A. ₹5 crore
 - ☐ B. ₹50 lakh
 - ☒ C. ₹2 crore
 - ☐ D. ₹1 crore

Q.65 A, B, C, 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 is numbered 6. Only five people live above D. Only two people live above A. C lives below F but above A. B does not live on an even numbered floor. How many people live below C?

- Ans
- ☒ A. Four
 - ☐ B. One
 - ☐ C. Three
 - ☐ D. Two

Q.66 The splitting of the ancient Indo-Brahma river into the Indus, Ganga, and Brahmaputra drainage systems is believed to have been primarily caused by which geological event?

- Ans
- ☒ A. Pleistocene upheaval
 - ☐ B. River capture by erosion
 - ☐ C. Volcanic eruptions
 - ☐ D. Glacial melting

Q.67 When was the India European Free Trade Association (EFTA) Trade and Economic Partnership Agreement (TEPA) signed, which came into effect on 1 October 2025?

- Ans**
- ☒ A. March 2024
 - ☐ B. August 2024
 - ☐ C. January 2025
 - ☐ D. September 2025

Q.68 Which cultural and musical group celebrated its 10th anniversary in December 2025?

- Ans**
- ☐ A. Satyajit Ray Society
 - ☐ B. Kala Mandir
 - ☐ C. India Panorama
 - ☒ D. Robir Kiran

Q.69 The summer solstice occurs when the Sun is directly overhead at which of the following latitudes?

- Ans**
- ☐ A. Tropic of Capricorn
 - ☐ B. Arctic Circle
 - ☐ C. Equator
 - ☒ D. Tropic of Cancer

Q.70 At what rate (in percentage) per year will a sum of money double itself in 16 years on simple interest?

- Ans**
- ☐ A. 4.25
 - ☐ B. 12.5
 - ☐ C. 8.25
 - ☒ D. 6.25

Q.71 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.)

(20, 46, 2)
(32, 136, 24)

- Ans**
- ☒ A. (6, 42, 10)
 - ☐ B. (32, 93, 11)
 - ☐ C. (13, 25, 1)
 - ☐ D. (17, 78, 16)

Q.72 A file name is highlighted, and you want to copy it to another folder while keeping it in the original folder as well. Which pair of steps matches this task?

- Ans**
- ☐ A. Press Ctrl + C, then Ctrl + B
 - ☒ B. Press Ctrl + C, then Ctrl + V
 - ☐ C. Press Ctrl + X, then Ctrl + V
 - ☐ D. Press Ctrl + S, then Ctrl + V

Q.73 There are 78 members in group A, 22 members in group B and 34 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹136, ₹383 and ₹457, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 256
 - ☐ B. 261
 - ☒ C. 258
 - ☐ D. 255

Q.74 In 2025, which Indian High Court issued the pioneering 'Policy Regarding the Use of AI Tools in District Judiciary', becoming the first in the country to frame comprehensive guidelines for artificial intelligence (AI) use in judicial work?

- Ans**
- ☐ A. Delhi High Court
 - ☐ B. Madras High Court
 - ☐ C. Bombay High Court
 - ☒ D. Kerala High Court

Q.75 Which of the following sectors observed a negative growth rate in Real GVA (Gross Value Added) during Q1 of FY 2025-26 as per the report published by NSO and MoSPI?

- Ans**
- ☐ A. Construction
 - ☐ B. Tertiary Sector
 - ☐ C. Agriculture and Allied
 - ☒ D. Mining & Quarrying

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:

All bananas are apples.
All apples are grapes.
Some grapes are oranges.

Conclusions:

(I) All grapes are bananas.
(II) All oranges are apples.

- 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.77 P sells an item to Q at 50% profit. Q sells the same item to R at 60% loss. If R paid ₹ 3234 for the item, then at what price (in ₹) is the item purchased by P?

- Ans**
- ☒ A. 5390
 - ☐ B. 5387
 - ☐ C. 5391
 - ☐ D. 5393

Q.78 This question is based on the five, three-digit numbers given below.

(Left) 318 745 472 123 672 (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 the ascending order, the position of how many numbers will remain unchanged?

- Ans**
- ☐ A. 0
 - ☐ B. 3
 - ☒ C. 1
 - ☐ D. 2

Q.79 In which of the following states is the slash and burn agriculture known as 'Kuruwa'?

- Ans**
- ☒ A. Jharkhand
 - ☐ B. Madhya Pradesh
 - ☐ C. Arunachal Pradesh
 - ☐ D. Rajasthan

Q.80 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?

$$20 \text{ D } 8 \text{ A } 2 \text{ C } 1 \text{ B } 5 = ?$$

- Ans**
- ☒ A. 22
 - ☒ B. 20
 - ☒ C. 21
 - ☒ D. 23

Q.81 A, B, C, 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 below C. Only two people live between B and C. A lives above E but below C. F does not live above D. Who lives immediately below B?

- Ans**
- ☒ A. C
 - ☒ B. D
 - ☒ C. F
 - ☒ D. A

Q.82 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.)

(6,3,14)
(14,8,27)

- Ans**
- ☒ A. (19,12,36)
 - ☒ B. (14,87,26)
 - ☒ C. (6,15,21)
 - ☒ D. (16,25,31)

Q.83 A dealer buys two articles X and Y for ₹500 each. He marks each of them at the same price. He sells X by giving two successive discounts of 50% and 28% and still earns ₹958 as profit. If he sells Y at a single discount of 77%, then what is the profit percentage on Y?

- Ans**
- ☒ A. 86.3%
 - ☒ B. 86%
 - ☒ C. 85%
 - ☒ D. 85.3%

Q.84 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 :: ?

: IGC :: TRN : %

- Ans**
- ☒ A. # = LGY; % = QJH
 - ☒ B. # = LJF; % = QOK
 - ☒ C. # = LJK; % = QNJ
 - ☒ D. # = JKF; % = QJH

Q.85 Which European power was the last to arrive in India and the last to leave during the pre-independence period?

- Ans**
- ☒ A. Portuguese
 - ☐ B. Americans
 - ☐ C. French
 - ☐ D. Dutch

Q.86 Based on the alphabetical order, three of the following four are alike in a certain way and thus form a group. Which one does not belong to that group?
(Note: The odd one out is not based on the number of consonants or vowels or their position in the letter cluster)

- Ans**
- ☐ A. UWR
 - ☐ B. SUP
 - ☒ C. KMG
 - ☐ D. EGB

Q.87 Which of the following prominent leaders led the Bardoli Satyagraha (1928)?

- Ans**
- ☐ A. Gopalakrishna Gokhale
 - ☐ B. C. Rajagopalachari
 - ☐ C. Bal Gangadhar Tilak
 - ☒ D. Sardar Vallabhbhai Patel

Q.88 Find the third proportional to the numbers 16 and 24.

- Ans**
- ☐ A. 40
 - ☒ B. 36
 - ☐ C. 32
 - ☐ D. 30

Q.89 What was the route length of Indian Railways in 2019-2020?

- Ans**
- ☒ A. 67,956 km
 - ☐ B. 66,935 km
 - ☐ C. 66,918 km
 - ☐ D. 67,415 km

Q.90 Which of the following is a Tibeto-Burman language included in the Eighth Schedule of the Indian Constitution?

- Ans**
- ☐ A. Santhali
 - ☐ B. Maithili
 - ☒ C. Bodo
 - ☐ D. Konkani

Q.91 Which of the following is a tertiary activity?

- Ans**
- ☒ A. Shoe shining
 - ☐ B. Extracting minerals
 - ☐ C. Steel making
 - ☐ D. Metal working

Q.92 The Group of Forty who advised and assisted the Sultan in administering the Delhi Sultanate was established by which of the following rulers?

- Ans**
- ☐ A. Balban
 - ☐ B. Qutbuddin Aibak
 - ☒ C. Iltutmish
 - ☐ D. Alauddin Khalji

Q.93 Each of the digits in the number 15762349 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. Two
 - ☐ B. One
 - ☐ C. None
 - ☐ D. Three

Q.94 Which of the following administrative innovations is attributed to Alauddin Khilji's reign?

- Ans**
- ☒ A. Regulation of market prices and rationing
 - ☐ B. Foundation of Diwan-i-Arz for military reforms
 - ☐ C. Establishment of iqta system
 - ☐ D. Creation of mansabdari system

Q.95 Which of the following best represents a customized application software?

- Ans**
- ☐ A. Spreadsheet software
 - ☐ B. Media player
 - ☒ C. Payroll management system for a company
 - ☐ D. Image viewer

Q.96 The 86th Amendment added a new Fundamental Duty related to which of the following?

- Ans**
- ☐ A. Safeguarding public property
 - ☐ B. Protecting environment
 - ☒ C. Educating children
 - ☐ D. Defending the nation

Q.97 The weekly journal Young India was associated with whom among the following?

- Ans**
- ☐ A. Bal Gangadhar Tilak
 - ☒ B. Mahatma Gandhi
 - ☐ C. Jawaharlal Nehru
 - ☐ D. Gopal Krishna Gokhale

Q.98 After a Constitution Amendment Bill relating to the Directive Principles of State Policy is passed by the Parliament, what is the next mandatory constitutional step for it to become a law?

- Ans**
- ☐ A. Notification in the Gazette
 - ☐ B. Ratification by State Legislatures
 - ☒ C. President's Assent
 - ☐ D. Approval by the Supreme Court

Q.99 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 – Isha, Kavita, Meenal, Nisha, and Priti – scored different marks.

Who scored the second highest?

(I) Meenal scored more than Isha but less than Nisha.

(II) Priti scored more than Meenal but less than Nisha.

- 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.100 What should come in place of '?' in the given series?

32 52 68 80 88 ?

- Ans
- ☐ A. 96
 - ☐ B. 94
 - ☐ C. 90
 - ☒ D. 92

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	16/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

- Q.1** 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.)

(19,21,55)

(8,9,23)

- Ans** ☒ A. (22,21,67)
☒ B. (1,21,19)
☒ C. (7,5,3)
☒ D. (20,12,79)

- Q.2** Under the Delhi Women & Child Development (WCD) Department's Women Safety Policy, 2025, what mandatory arrangement must be made for women staff if they are required to work late hours?

- Ans** ☒ A. Accommodation
☒ B. Dinner
☒ C. Bonus
☒ D. Transport

- Q.3** X, Y, Z, 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, number 2 and so on till the topmost floor is numbered 6. Only Z lives above U. T lives immediately below U. Only Y lives below S. Who lives on floor numbered 4?

- Ans** ☒ A. Z
☒ B. T
☒ C. S
☒ D. U

- Q.4** Which shortcut selects all content in a document?

- Ans** ☒ A. Ctrl+R
☒ B. Ctrl+S
☒ C. Ctrl+E
☒ D. Ctrl+A

Q.5 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 friends – Gaurav, Himanshu, Ishan, Lokesh, and Mukul – are of different ages.

Who is the third oldest?

(I) Ishan is older than Gaurav but younger than Lokesh.

(II) Mukul is older than Ishan but younger than Lokesh.

- 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. 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

Q.6 During PM Narendra Modi's **State Visit to Bhutan (11–12 Nov 2025)**, which **hydroelectric project** was jointly inaugurated?

- Ans**
- ☒ A. 720 MW Mangdechhu HEP
 - ☒ B. 1020 MW Punatsangchhu-II HEP
 - ☒ C. 1200 MW Punatsangchhu-I HEP
 - ☒ D. 336 MW Chukha HEP

Q.7 On which river in India is the National Waterway 57 (NW-57) developed?

- Ans**
- ☒ A. Gandak River
 - ☒ B. Kali River
 - ☒ C. Kopili River
 - ☒ D. Zuari River

Q.8 In a certain code language,
A + B means 'A is the daughter of B'
A - B means 'A is the mother of B'
A x B means 'A is the wife of B'
A ÷ B means 'A is the father of B'

Based on the above, how is G related to M if 'G + R x W ÷ D - M'?

- Ans**
- ☒ A. Sister
 - ☒ B. Mother's sister
 - ☒ C. Mother
 - ☒ D. Mother's mother

Q.9 Who among the following was a prominent disciple of Ramanuja's Sri Vaishnava tradition who played a significant role in spreading its Bhakti teachings to North India?

- Ans**
- ☒ A. Ramanujacharya
 - ☒ B. Namdev
 - ☒ C. Madhvacharya
 - ☒ D. Ramananda

Q.10 A number when increased by 25% becomes equal to another number, which is 20% less than a third number. What is the ratio of the first number to the third number?

- Ans**
- ☒ A. 9:16
 - ☒ B. 25:36
 - ☒ C. 16:25
 - ☒ D. 27:38

Q.11 Which of the following correctly represents the three-tier structure of the Council of Ministers?

- Ans**
- ☐ A. Chief Ministers – State Ministers – Deputy Chief Ministers
 - ☒ B. Cabinet Ministers – Ministers of State – Deputy Ministers
 - ☐ C. Prime Minister – Ministers of State – Cabinet Ministers
 - ☐ D. Cabinet Ministers – Deputy Ministers – Governors

Q.12 A triangle ABC with sides 3 cm, 4 cm and 5 cm is revolved about the side 3 cm. Find the volume of the solid so obtained. (Use $\pi = 3.14$)

- Ans**
- ☐ A. 55.61 cubic cm
 - ☐ B. 40.55 cubic cm
 - ☐ C. 42.62 cubic cm
 - ☒ D. 50.24 cubic cm

Q.13 Which system has become a cornerstone of government development policy and is tied to most rural development programs?

- Ans**
- ☐ A. Swachh Bharat Abhiyan
 - ☒ B. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)
 - ☐ C. Mahatma Gandhi National Rural Employment Empowerment Scheme (MGNRES)
 - ☐ D. Public Distribution System (PDS)

Q.14 What should come in place of the question mark (?) in the given series?

20 22 25 30 37 ?

- Ans**
- ☐ A. 49
 - ☐ B. 55
 - ☒ C. 48
 - ☐ D. 51

Q.15 Special address delivered by the President to both Houses of Parliament at the start of the first session after each general election and at the opening of the first session of every year is mentioned under which of the following Articles of the Constitution of India?

- Ans**
- ☐ A. Article 85
 - ☐ B. Article 86
 - ☐ C. Article 88
 - ☒ D. Article 87

Q.16 If the equations $x^2 - 3px + q = 0$ and $x^2 - 2kx + t = 0$ have one common root, and the first equation has equal roots, what is the value of $(t + q)^2$?

- Ans**
- ☐ A. 0
 - ☐ B. $4pk$
 - ☒ C. $9p^2k^2$
 - ☐ D. $(3p - 2k)$

Q.17 Which provision addresses citizenship for persons who migrated from Pakistan before India's Constitution commencement?

- Ans**
- ☐ A. Article 5
 - ☐ B. Article 8
 - ☐ C. Article 10
 - ☒ D. Article 6

Q.18 Who among the following established the famous Nrityagram institution in Bengaluru?

Ans ☒ A. Protima Gauri
☐ B. Pavithra Reddy
☐ C. Surupa Sen
☐ D. Bijayini Satpathy

Q.19 A shopkeeper professes to sell his goods at a 60% loss but uses a false balance and gains 90%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:

Ans ☒ A. 210.5 gm
☐ B. 214.1 gm
☐ C. 209.5 gm
☐ D. 213.6 gm

Q.20 In a certain code language,
T + J means 'T is the father of J',
T - J means 'T is the daughter of J',
T X J means 'T is the mother of J', and
T # J means 'T is the husband of J'.
Based on the above, how is G related to R if 'G # A - R + K'?

Ans ☒ A. Daughter's husband
☐ B. Sister's husband
☐ C. Husband's brother
☐ D. Husband

Q.21 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) B * £ J E % \$ * V € G * D H @ A £ O V \$ T 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. 2
☐ B. 4
☐ C. 5
☒ D. 3

Q.22 If 15% of $80 - \frac{3}{6} \times \sqrt[3]{216} \times \sqrt{36} = y$, then the value of y is

Ans ☒ A. -6
☐ B. -12
☐ C. -3
☐ D. -10

Q.23 Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete?
QIL 14, UMP 18, YQT 22, CUX 26, ?

Ans ☐ A. HZC 29
☐ B. GZD 30
☐ C. GXZ 32
☒ D. GYB 30

Q.24 Seven people, K, L, M, N, P, Q and R, are sitting around a circular table facing the centre of the table but not necessarily in the same order. Only two people sit between N and Q when counted from the right of N. Only two people sit between Q and M. Only three people sit between N and P. L sits to the immediate left of R. Who sits third to the left of K?

- Ans**
- ☒ A. N
 - ☒ B. P
 - ☒ C. L
 - ☒ D. R

Q.25 This question is based on the five, three-digit numbers given below.
(Left) 547 589 652 598 637 (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. 9
 - ☒ B. 14
 - ☒ C. 11
 - ☒ D. 12

Q.26 Which of the following is NOT an important monument inside the Daulatabad Fort Maharashtra, India?

- Ans**
- ☒ A. Jami Masjid
 - ☒ B. Bharatmata Mandir
 - ☒ C. Chand Minar
 - ☒ D. Sikandra Fort

Q.27 In the context of India's pre-1991 economic structure, which of the following best characterizes the contradiction between sectoral GDP contribution and employment absorption?

- Ans**
- ☒ A. Manufacturing became the primary employment generator
 - ☒ B. Agriculture contributed declining GDP share but absorbed majority employment
 - ☒ C. Industry contributed the most to GDP and employment
 - ☒ D. Services led GDP growth and employment generation equally

Q.28 Side PQ of a cyclic quadrilateral PQRS is produced to the point T. If $\angle RQT = 58^\circ$, then the measure of $\angle PSR$ is:

- Ans**
- ☒ A. 116°
 - ☒ B. 122°
 - ☒ C. 29°
 - ☒ D. 58°

Q.29 Under the ELI scheme approved in July 2025, first-time employees will benefit by getting one month's wage under this scheme, up to what amount?

- Ans**
- ☒ A. ₹15,000
 - ☒ B. ₹10,000
 - ☒ C. ₹12,000
 - ☒ D. ₹20,000

Q.30 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.
Only four people have exams after V. Only four people have exams before S. P has the exam after R but before V. T has the exam on some day after Q but not on Sunday.
How many people have exams between Q and U?

- Ans**
- ☐ A. One
 - ☐ B. Four
 - ☐ C. Three
 - ☒ D. Two

Q.31 Which type of touchscreen functions by pressing two flexible layers together, allowing it to detect input from a non-conductive object like a fingernail or plastic stylus?

- Ans**
- ☐ A. Capacitive touch
 - ☐ B. Infrared grid touch
 - ☐ C. Surface acoustic wave
 - ☒ D. Resistive touch

Q.32 Suman, Kunal, and Pooja invest ₹1050, ₹1510, and ₹1280 respectively to start a business. If the profit at the end of the year is ₹1650, then what is the share of Pooja in the profit?

- Ans**
- ☒ A. ₹550
 - ☐ B. ₹549
 - ☐ C. ₹551
 - ☐ D. ₹548

Q.33 J, K, L, R, 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 is numbered 2 and so on till the topmost floor is numbered 6. Only two people live between J and T. Only two people live between S and K. Only one person lives between L and K. L lives on floor number 1. J lives above K. How many people live between R and S?

- Ans**
- ☐ A. Three
 - ☐ B. Four
 - ☐ C. Two
 - ☒ D. One

Q.34 The LCM of two numbers is 1116 and their HCF is 186. If one of the number is 372, then the other number is

- Ans**
- ☐ A. 930
 - ☐ B. 465
 - ☒ C. 558
 - ☐ D. 372

Q.35 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 - 11 - 22 - 32; 9 - 14 - 28 - 38

- Ans**
- ☐ A. 7-12-24-14
 - ☐ B. 14-19-38-58
 - ☒ C. 13-18-36-46
 - ☐ D. 12-17-34-54

Q.36 According to the Government of India, flash floods in July 2023 in which state severely disrupted the functioning of several power stations?

- Ans**
- ☐ A. Sikkim
 - ☐ B. Uttarakhand
 - ☒ C. Himachal Pradesh
 - ☐ D. Arunachal Pradesh

Q.37 In a certain code language, 'VAJR' is coded as '102' and 'DOTG' is coded as '92'. What is the code for 'ZELW' in the given code language?

- Ans**
- ☐ A. 121
 - ☒ B. 132
 - ☐ C. 124
 - ☐ D. 138

Q.38 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. QU-TX
 - ☐ B. ZD-CG
 - ☐ C. KO-NR
 - ☒ D. FI-JM

Q.39 Which of the following reflects the structural adjustment in India's monetary policy after the 1991 economic reforms?

- Ans**
- ☒ A. Market-determined interest rates with reduced RBI intervention
 - ☐ B. Expansion of currency supply through deficit financing
 - ☐ C. Elimination of open market operations as a regulatory tool
 - ☐ D. Controlled lending rates for agriculture and MSMEs

Q.40 The formation of a spectrum by a glass prism occurs due to _____.

- Ans**
- ☐ A. Scattering
 - ☐ B. Refraction
 - ☒ C. Dispersion
 - ☐ D. Reflection

Q.41 Which nutrient is primarily responsible for building and repairing tissues in the human body?

- Ans**
- ☐ A. Vitamins
 - ☐ B. Carbohydrates
 - ☒ C. Proteins
 - ☐ D. Fats

Q.42 If $a : b :: b : c$; $c = 4a$; and $b = 6$, find the positive value of c .

- Ans**
- ☐ A. 8
 - ☐ B. 16
 - ☐ C. 20
 - ☒ D. 12

Q.43 Which of the following island groups in India is known to have an active volcano on Barren Island?

- Ans ☒ A. Andaman and Nicobar Islands
☐ B. Lakshadweep Islands
☐ C. Minicoy Islands
☐ D. Rameswaram Islands

Q.44 Two trains are moving in opposite directions at speeds of 110 km/hr and 120 km/hr. The length of one train is 450 m. The time taken by them to cross each other is 12 seconds. The length (in m) of the other train (rounded off to 2 decimal places) is:

- Ans ☒ A. 316.67
☐ B. 318.7
☐ C. 317.34
☐ D. 314.28

Q.45 Reema and Juhi, when each is working alone, can complete a piece of work in, respectively, 12 days and 36 days. Each work on alternate days, with Reema and Juhi starting to work on Day 1 and Day 2, respectively. How many days in all will it take to complete the work?

- Ans ☐ A. 16
☐ B. 24
☒ C. 18
☐ D. 28

Q.46 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.
(Left) G 6 E * @ # 3 D 2 % 7 4 Y & 5 + C R K S T (Right)
How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a letter?

- Ans ☐ A. 2
☒ B. 1
☐ C. 0
☐ D. 3

Q.47 What will come in the place of the '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$156 \times 12 - 13 \div 8 + 71 = ?$$

- Ans ☐ A. 41
☐ B. 45
☒ C. 46
☐ D. 43

Q.48 A conical tent is to be made for a school event. The radius of the base is 7 metres, and the height of the tent is 24 metres. A decorative cloth is to be used to cover the entire curved surface area of the tent. The cloth costs ₹40 per square metre. What will be the total cost of the cloth required?

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

- Ans ☐ A. ₹21,000
☒ B. ₹22,000
☐ C. ₹23,800
☐ D. ₹22,800

Q.49 The Tamil literary work Iraiyanar Ahapporul is dated to which century?

- Ans
- ☐ A. 5th century CE
 - ☐ B. 7th century CE
 - ☒ C. 8th century CE
 - ☐ D. 11th century CE

Q.50 Line AB is parallel to line CD. A transversal PQ intersects AB at M and CD at N. If $\angle PMB = (5x)^\circ$, $\angle BMN = (3x + 2y)^\circ$ and $\angle DNQ = (x + 3y)^\circ$, then find the value of $\angle BMN$.

- Ans
- ☐ A. 112°
 - ☐ B. 100°
 - ☐ C. 98°
 - ☒ D. 105°

Q.51 Which ions help chlorophyll to absorb light?

- Ans
- ☐ A. C
 - ☒ B. Mg
 - ☐ C. Ca
 - ☐ D. Na

Q.52 Vihaana walks 11 km North, then turns left and walks 7 km. She then turns left again and walks 11 km. She turns right and walks 2 km to reach point R. How far and in which direction is point R from the starting point? (All turns are 90-degree turns only, unless specified.)

- Ans
- ☒ A. 9 km, West
 - ☐ B. 11 km, East
 - ☐ C. 8 km, East
 - ☐ D. 10 km, West

Q.53 The average of 11 results is 61. If the average of the first 6 results is 64 and that of the last 6 is 61, find the 6th result.

- Ans
- ☐ A. 81
 - ☐ B. 80
 - ☐ C. 78
 - ☒ D. 79

Q.54 Which of the following apparent forces, caused by Earth's rotation, deflects winds to the right in the Northern Hemisphere and to the left in the Southern Hemisphere?

- Ans
- ☐ A. Gravitational force
 - ☐ B. Pressure gradient force
 - ☐ C. Frictional force
 - ☒ D. Coriolis force

Q.55 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
JMO 50 MPR 61 PSU 72 SVX 83 ?

- Ans
- ☐ A. VEO 93
 - ☐ B. VXZ 93
 - ☒ C. VYA 94
 - ☐ D. VZZ 94

Q.56 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	36	29	35	22	18	38	26

- Ans ☐ A. 74.25
☐ B. 72.25
☐ C. 78.25
☒ D. 76.25

Q.57 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 statement.

Statements:

All tea is a snack. All tea is brunch. All brunches are dinner.

Conclusions:

(I) All tea is dinner.

(II) Some brunches are snacks.

- 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.58 Which of the following introduced dyarchy by dividing subjects into Reserved and Transferred lists?

- Ans ☐ A. Indian Councils Act, 1892
☐ B. Government of India Act, 1909
☐ C. Government of India Act, 1935
☒ D. Government of India Act, 1919

Q.59 A shopkeeper purchased 59 dozens of articles at the rate of ₹520 per dozen. He sold each one of them at the rate of ₹52. What percentage profit did he make?

- Ans ☐ A. 19%
☐ B. 23%
☐ C. 21%
☒ D. 20%

Q.60 Solve the following system of 3 equations in 3 unknowns.

$$x - 3z = -5$$

$$2x - y + 2z = 16$$

$$7x - 3y - 5z = 19$$

- Ans ☐ A. $x = 4, y = -2, z = -3$
☒ B. $x = 4, y = -2, z = 3$
☐ C. $x = -4, y = 2, z = -3$
☐ D. $x = -4, y = 3, z = -2$

Q.61 The price of fuel decreases by 40%, 60% and 60% in three successive months, but increases by 70% in the fourth month. What is the percentage increase or decrease in the price of fuel in the fourth month as compared to its original price?

- Ans ☐ A. Increase by 87.04%
☐ B. Decrease by 84.38%
☐ C. Increase by 80.38%
☒ D. Decrease by 83.68%

Q.62 The average of the first 62 even natural numbers is:

- Ans**
- ☐ A. 61
 - ☒ B. 63
 - ☐ C. 62
 - ☐ D. 64

Q.63 In the Chola empire, the tax-free lands donated to Brahmins where they settled were known as _____.

- Ans**
- ☐ A. Mahasabha
 - ☐ B. Garbhagriha
 - ☐ C. Valanadu
 - ☒ D. Agraharam

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 :: ?

: EGC :: QSO : %

- Ans**
- ☒ A. # = HJF; % = NPL
 - ☐ B. # = GTF; % = NNH
 - ☐ C. # = NJG; % = NKJ
 - ☐ D. # = TYF; % = NHG

Q.65 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.)

(44, 968, 22)
(26, 650, 25)

- Ans**
- ☐ A. (34, 173, 5)
 - ☒ B. (18, 108, 6)
 - ☐ C. (15, 348, 23)
 - ☐ D. (23, 210, 9)

Q.66 Which district in Mizoram was recognised as the best-performing district in NITI Aayog's SDG Index NE Districts 2023–24?

- Ans**
- ☐ A. Lunglei
 - ☐ B. Aizawl
 - ☒ C. Hnahthial
 - ☐ D. Champhai

Q.67 Which ratio is the largest among 5 : 12, 14 : 31, 8 : 33 and 17 : 39?

- Ans**
- ☐ A. 8 : 33
 - ☒ B. 14 : 31
 - ☐ C. 5 : 12
 - ☐ D. 17 : 39

Q.68 100 men have provisions for 26 days. If 50 men have left, for how many days the same provisions would last for the remaining men?

- Ans**
- ☐ A. 50
 - ☐ B. 54
 - ☒ C. 52
 - ☐ D. 56

Q.69 Which of the following reflects the Gandhian ideals incorporated as Directive Principles of State Policy in the Constitution of India?

- Ans**
- ☒ A. Raising the standard of living and public health
 - ☒ B. Promoting cottage industries in rural areas
 - ☒ C. Safeguarding children against exploitation
 - ☒ D. Securing suitable employment for all

Q.70 A dealer buys two articles X and Y for ₹800 each. He marks each of them at the same price. He sells X by giving two successive discounts of 45% and 73% and still earns ₹523 as profit. If he sells Y at a single discount of 89%, then what is the profit percentage on Y?

- Ans**
- ☒ A. 22%
 - ☒ B. 21.5%
 - ☒ C. 21%
 - ☒ D. 22.5%

Q.71 Who among the following is NOT directly associated with the Prarthana Samaj?

- Ans**
- ☒ A. Debendranath Tagore
 - ☒ B. Mahadev Govind Ranade
 - ☒ C. Atmaram Pandurang
 - ☒ D. R.C. Bhandarkar

Q.72 Simplify: $\frac{\sqrt[3]{2744}}{\sqrt[4]{256}} \times \frac{2}{42} \times 72$

- Ans**
- ☒ A. 5
 - ☒ B. 17
 - ☒ C. 12
 - ☒ D. 10

Q.73 In 2025, which United Nations body released the World Urbanization Prospects report using the Degree of Urbanization methodology?

- Ans**
- ☒ A. UN Human Settlements Programme (UN-Habitat)
 - ☒ B. UN Department of Economic and Social Affairs (UN DESA)
 - ☒ C. UN Development Programme (UNDP)
 - ☒ D. UN Statistical Commission

Q.74 The acid present in the atmosphere of Venus is:

- Ans**
- ☒ A. HCOOH
 - ☒ B. HCl
 - ☒ C. H₂SO₄
 - ☒ D. HNO₃

Q.75 Which of the following was the primary objectives of the India-Liberia MoU signed in December 2025?

- Ans**
- ☒ A. Enhancing co-operation on medicine quality standards
 - ☒ B. Constructing new highways
 - ☒ C. Initiating joint space missions
 - ☒ D. Establishing defense manufacturing units

Q.76 The following dataset represents the number of books read by 25 students in a month:
2, 4, 4, 5, 5, 5, 6, 7, 7, 7, 7, 8, 8, 9, 9, 10, 10, 11, 11, 12, 13, 13, 13, 15, 16.
Calculate the mode of the dataset.

- Ans
- ☐ A. 11
 - ☐ B. 13
 - ☒ C. 7
 - ☐ D. 5

Q.77 In 2025, which city topped the National Air Quality Index released for major Indian cities?

- Ans
- ☐ A. Mumbai
 - ☒ B. Shillong
 - ☐ C. Kolkata
 - ☐ D. Ranchi

Q.78 At what rate (in percentage) per year will a sum of money 5 times itself in 16 years on simple interest?

- Ans
- ☐ A. 23
 - ☒ B. 25
 - ☐ C. 50
 - ☐ D. 27

Q.79 Along a circular running track, P can complete 5 rounds in 40 minutes. Time taken by R to complete 7 rounds is equal to time taken by P to complete 6 rounds. If they start running in the same direction from two different ends of a diameter, then they will meet for the first time after ____ minutes.

- Ans
- ☐ A. 28
 - ☐ B. 30
 - ☒ C. 24
 - ☐ D. 20

Q.80 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 tigers are wolves. All jackals are wolves. All animals are wolves.

Conclusions:

- (I) Some animals are tigers.
- (II) Some jackals are animals.

- 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.81 Which statement is True or False regarding file management in Windows 11?

- (i) When a file is deleted and moved to the Recycle Bin, its contents are immediately and permanently erased from the storage disk.
- (ii) The file path (C: > Users > Documents > file.txt) is a strictly hierarchical structure, meaning each file has one unique path.

- Ans
- ☐ A. (i) True, (ii) True
 - ☐ B. (i) False, (ii) False
 - ☐ C. (i) True, (ii) False
 - ☒ D. (i) False, (ii) True

Q.82 If 3 is added to each even digit and 2 is subtracted from each odd digit in the number 5723946, how many digits will appear more than once in the new number thus formed?

- Ans
- ☒ A. None
 - ☒ B. Two
 - ☒ C. One
 - ☒ D. Three

Q.83 Jaspreet deposited a sum of ₹28,450 at 20% rate of interest per annum, compounded annually. The total amount received by Jaspreet after 2 years is:

- Ans
- ☒ A. ₹40,624
 - ☒ B. ₹40,968
 - ☒ C. ₹40,958
 - ☒ D. ₹41,126

Q.84 Which provision of the Indian Council Act of 1909 was most criticised for weakening the unity of the Indian nationalist movement?

- Ans
- ☒ A. Creation of separate electorates
 - ☒ B. Introduction of executive councils in presidencies
 - ☒ C. Expansion of legislative councils
 - ☒ D. Inclusion of Indians in the Governor-General's Council

Q.85 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 :: ?

: OIM :: ICG : %

- Ans
- ☒ A. # = MKO, % = GMJ
 - ☒ B. # = MKO, % = GMK
 - ☒ C. # = QKO, % = GAE
 - ☒ D. # = LPO, % = GJH

Q.86 Between 2001 and 2011, the male-female gap in the literacy rate of India _____.

- Ans
- ☒ A. became zero
 - ☒ B. increased
 - ☒ C. remained the same
 - ☒ D. decreased

Q.87 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. LN-MO
 - ☒ B. HJ-IK
 - ☒ C. DF-EG
 - ☒ D. KM-NP

Q.88 In 2025, which country officially became the 90th State Member of the International Union for Conservation of Nature (IUCN)?

- Ans
- ☒ A. Tuvalu
 - ☒ B. Maldives
 - ☒ C. Nauru
 - ☒ D. Kiribati

Q.89 How often does India submit its Biennial Update Reports (BURs) to the UNFCCC?

- Ans
- ☒ A. Every two years
 - ☐ B. Every three years
 - ☐ C. Every year
 - ☐ D. Every five years

Q.90 Simplify the following expression:

$$\left[3.75 + \frac{4}{5}\right] - \left[3.5 - \frac{8}{20}\right]$$

- Ans
- ☒ A. 1.45
 - ☐ B. 1.4
 - ☐ C. 1.35
 - ☐ D. 1.5

Q.91 Which Constitutional Amendment Act added Bodo, Dogri, Maithili, and Santhali to the Eighth Schedule of the Indian Constitution?

- Ans
- ☐ A. 93rd Amendment Act, 2005
 - ☐ B. 86th Amendment Act, 2002
 - ☒ C. 92nd Amendment Act, 2003
 - ☐ D. 91st Amendment Act, 2003

Q.92 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 :: ?

: ZJR :: PZH : %

- Ans
- ☒ A. # = TDL % = VFN
 - ☐ B. # = UDL % = VFN
 - ☐ C. # = TDM % = VFN
 - ☐ D. # = TDL % = VCN

Q.93 Who were the "Samantas" in the post-Gupta period?

- Ans
- ☐ A. Religious heads
 - ☐ B. Farmers
 - ☐ C. Architects
 - ☒ D. Feudal lords

Q.94 Simplify: $\frac{732 \times 732 \times 732 + 268 \times 268 \times 268}{73.2 \times 73.2 + 26.8 \times 26.8 - 73.2 \times 26.8}$

- Ans
- ☐ A. 100
 - ☐ B. 10000
 - ☒ C. 100000
 - ☐ D. 1000

Q.95 In a certain code language, 'ALIT' is coded as '2159' and 'HILT' is coded as '6912'. What is the code for 'H' in the given code language?

- Ans
- ☐ A. 2
 - ☐ B. 9
 - ☒ C. 6
 - ☐ D. 1

Q.96 A major characteristic of computer systems is Diligence. Which of the following scenarios primarily highlights a limitation of the computer system that is not overcome by its diligence?

- Ans**
- ☐ A. A computer is used to book flights in the morning and write code in the afternoon.
 - ☐ B. A computer performs trillions of calculations a second, much faster than any human.
 - ☐ C. A computer continues processing data for 72 hours straight without any loss of attention.
 - ☒ D. A computer generates incorrect output because the initial data entered was flawed.

Q.97 Which of the following cabinet committees is NOT headed by the Prime Minister?

- Ans**
- ☐ A. Cabinet committee on employment and skill development
 - ☐ B. Cabinet committee on economic affairs
 - ☐ C. Cabinet committee on investment and growth
 - ☒ D. Cabinet committee on parliamentary affairs

Q.98 Seven people B, C, O, P, Q, R and S are sitting around a circular table facing the center of the table. Only two people sit between P and B when counted from the right of P. Only S sits between O and P. Q sits to the immediate left of B. C is not an immediate neighbor of P. Who sits third to the left of R?

- Ans**
- ☐ A. P
 - ☒ B. O
 - ☐ C. C
 - ☐ D. B

Q.99 A boy flying a kite holds the string of length 24.4 m such that it makes an angle of 30° with the ground. Find the height of the kite from the ground.

- Ans**
- ☐ A. 13.6 m
 - ☐ B. 13.2 m
 - ☒ C. 12.2 m
 - ☐ D. 11.5 cm

Q.100 What should come in place of '?' in the given series?

3 10 24 45 73 ?

- Ans**
- ☐ A. 109
 - ☐ B. 111
 - ☐ C. 104
 - ☒ D. 108



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	16/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

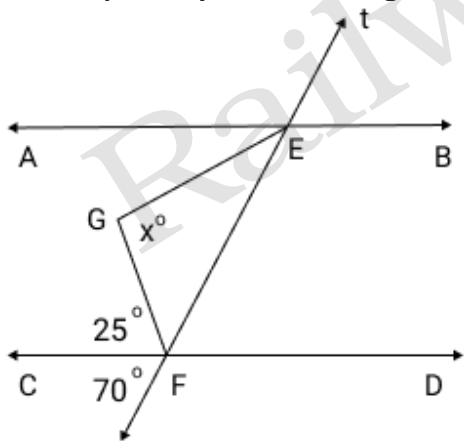
Section : RRB NTPC GRADUATE CBT 1

Q.1 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. RV-WA
 - ☒ B. PT-UY
 - ☒ C. GK-LP
 - ☒ D. EI-IP

Q.2 In the figure given, parallel lines, AB and CD, are intercepted by a transversal t at E and F, respectively. If EG is the angle bisector of $\angle AEF$, find $\angle EGF$.



- Ans
- ☒ A. 35o
 - ☒ B. 85o
 - ☒ C. 60o
 - ☒ D. 90o

Q.3 In which of the following states is the Baishagu festival celebrated by the Boro Kacharis in the month of April?

- Ans
- ☒ A. Odisha
 - ☒ B. Karnataka
 - ☒ C. Bihar
 - ☒ D. Assam

Q.4 Which organization was the implementing agency for the National Agricultural Insurance Scheme (NAIS) launched in 1999?

- Ans**
- ✓ A. Agriculture Insurance Company of India Ltd. (AIC)
 - ✗ B. Food Corporation of India (FCI)
 - ✗ C. Indian Council of Agricultural Research (ICAR)
 - ✗ D. National Bank for Agriculture and Rural Development (NABARD)

Q.5 Simplify $5\frac{1}{6} \div 6.2 \times 0.75 \div \left(\frac{1}{5} \times 40\right)$.

- Ans**
- ✗ A. $\frac{2}{17}$
 - ✓ B. $\frac{5}{64}$
 - ✗ C. $\frac{7}{33}$
 - ✗ D. $\frac{9}{19}$

Q.6 If a is a positive integer such that the equations $(a^2 - 7a)x^2 + x + 12 = 0$ and

$240x^2 + 8x + (a^2 - 4) = 0$ both have roots common, then the value of $\frac{(a+2)(a+3)}{a-4}$ is:

- Ans**
- ✗ A. 18
 - ✓ B. 26
 - ✗ C. 30
 - ✗ D. 42

Q.7 During a sale 50% of the goods are sold at 16% profit, 40% of the remaining goods are sold at 35% profit and the still remaining goods are sold at a loss of 25%. If there is an overall profit of $x\%$, then what is the value of x ?

- Ans**
- ✓ A. 7.5
 - ✗ B. 8
 - ✗ C. 6
 - ✗ D. 9

Q.8 The F₂ generation of a monohybrid cross typically shows which phenotypic ratio?

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

Q.9 Which computer application is mainly used for booking railway tickets and flight reservations?

- Ans**
- ✗ A. Education
 - ✓ B. Reservation System
 - ✗ C. Communication
 - ✗ D. Banking

Q.10 Under which Article does the Supreme Court have the power of judicial review?

- Ans**
- ✗ A. Article 30
 - ✗ B. Article 72
 - ✓ C. Article 32
 - ✗ D. Article 124

Q.11 Which court is considered the highest judicial authority in a district?

- Ans**
- ☐ A. Family Court
 - ☒ B. District Court
 - ☐ C. Munsif Court
 - ☐ D. High Court

Q.12 A shopkeeper fixes the marked price of an item 180% above its cost price. What percentage of discount on marked price should be allowed to gain 12%?

- Ans**
- ☒ A. 60%
 - ☐ B. 58%
 - ☐ C. 57%
 - ☐ D. 62%

Q.13 DIME is related to HNIZ in a certain way based on the English alphabetical order. In the same way, LSEU is related to PXAP. To which of the following is TCWK related, following the same logic?

- Ans**
- ☐ A. YGTE
 - ☐ B. WIRG
 - ☐ C. VHSD
 - ☒ D. XHSF

Q.14 The state of matter where particles are far apart and move randomly and quickly is the:

- Ans**
- ☐ A. Liquid state
 - ☒ B. Gaseous state
 - ☐ C. Plasma state
 - ☐ D. Solid state

Q.15 Cheriya scroll painting belongs to which State of India?

- Ans**
- ☐ A. Karnataka
 - ☐ B. Andhra Pradesh
 - ☐ C. Tamil Nadu
 - ☒ D. Telangana

Q.16 A shopkeeper purchased 62 dozens of articles at the rate of ₹100 per dozen. He sold each one of them at the rate of ₹75. What percentage profit did he make?

- Ans**
- ☒ A. 800%
 - ☐ B. 801%
 - ☐ C. 797%
 - ☐ D. 798%

Q.17 A student wants to locate a word inside a PDF. Which shortcut helps?

- Ans**
- ☐ A. Ctrl + C
 - ☒ B. Ctrl + F
 - ☐ C. Ctrl + Tab
 - ☐ D. Ctrl + V

Q.18 Before each general election to the House of the People or to a State Legislative Assembly, the President may appoint Regional Commissioners after:

- Ans**
- ☐ A. consultation with the Speaker of the Lok Sabha
 - ☐ B. consultation with the Chief Justice of India
 - ☒ C. consultation with the Election Commission
 - ☐ D. consultation with the Prime Minister

Q.19 Each of T, U, V, W, X, Y and Z has an engagement on a different day of a week starting from Monday and ending on Sunday of the same week. V has engagement on the third day of the week. Only one person has engagement after Y. Only three people have engagement between V and X. Only one person has engagement between W and Z. T has engagement immediately after Z. How many people have engagement between U and T?

- Ans**
- ☐ A. One
 - ☒ B. Three
 - ☐ C. Four
 - ☐ D. Two

Q.20 Find the average of 312, 126, 100 and 99.

- Ans**
- ☐ A. 157.25
 - ☒ B. 159.25
 - ☐ C. 156.25
 - ☐ D. 158.25

Q.21 In December 2025, India and Russia signed the RELOS agreement. What is the primary purpose of this agreement?

- Ans**
- ☐ A. To promote civilian technology sharing between India and Russia
 - ☐ B. To establish joint agricultural research centers
 - ☐ C. To enhance educational exchange programs between India and Russia
 - ☒ D. To facilitate reciprocal military logistics support between India and Russia

Q.22 Which of the following scientists gave the concept of atomic mass?

- Ans**
- ☐ A. Ernest Rutherford
 - ☒ B. John Dalton
 - ☐ C. J.J. Thomson
 - ☐ D. Niels Bohr

Q.23 Logan starts from Point A and drives 18 km towards west. He then takes a left turn, drives 15 km, turns right and drives 12 km. He then takes a right turn and drives 15 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. 18 km towards south
 - ☐ B. 15 km towards west
 - ☒ C. 25 km towards east
 - ☐ D. 5 km towards north

Q.24 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
CLW 31 LUF 33 UDO 35 DMX 37 ?

- Ans**
- ☐ A. NUR 39
 - ☒ B. MVG 39
 - ☐ C. LST 39
 - ☐ D. XSH 38

Q.25 Who composed the 'Prayag Prashasti' (Allahabad Pillar Inscription), detailing the conquests of Samudragupta?

- Ans**
- ☐ A. Vishakhadatta
 - ☐ B. Banabhatta
 - ☒ C. Harisena
 - ☐ D. Kalidasa

Q.26 P, Q, R, S, T, U and V sit around a circular table facing the centre.
V sits to the immediate left of T. U sits to the immediate left of R. R sits second to the left of S. Q sits third to the left of T.
Who sits 2nd to the right of S?

- Ans**
- ☐ A. P
 - ☐ B. R
 - ☒ C. T
 - ☐ D. U

Q.27 There are 72 members in group A, 12 members in group B and 87 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹404, ₹316 and ₹424, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 404
 - ☐ B. 412
 - ☒ C. 408
 - ☐ D. 409

Q.28 If 160% of 75% of A is equal to two times the value of 150% of B, then A is more/less than B by how much percentage?

- Ans**
- ☐ A. 150%, less
 - ☒ B. 150%, more
 - ☐ C. 60%, less
 - ☐ D. 60%, more

Q.29 Which of the following will be the pressure of water at the base of a lake of height 20 metres?
($g = 9.8\text{m/s}^2$ and Density of water = 1 kg/litre)

- Ans**
- ☐ A. 19,600 Pa
 - ☐ B. 196 Pa
 - ☒ C. 1,96,000 Pa
 - ☐ D. 1960 Pa

Q.30 The Lilatilakam, a 14th-century treatise, played a significant role in establishing the classical status of which Indian language through its grammatical and poetic principles?

- Ans**
- ☐ A. Tamil
 - ☐ B. Kannada
 - ☒ C. Malayalam
 - ☐ D. Odia

Q.31 The internal surface area (in cm^2) of an open (at the top) cuboidal box whose internal length, breadth and height are 8 cm, 17 cm and 22 cm, respectively, is:

- Ans**
- ☒ A. 1236
 - ☐ B. 1215
 - ☐ C. 1189
 - ☐ D. 1238

Q.32 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 – Alok, Bharti, Celine, Darpan, and Ema – obtained different marks in an examination.

Who scored the third highest marks?

(I) Darpan scored more than Alok and Bharti but less than Celine.

(II) Ema scored more than Darpan but less than Celine.

- 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. Both statements I and II together (and not statement I 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

Q.33 Who played the most significant military role in leading Nana Sahib's forces during the Revolt of 1857 at Kanpur?

- Ans**
- ☒ A. Azimullah, who was an expert in political propaganda
 - ☒ B. Bahadur Shah, who appointed Nana Sahib as his Governor
 - ☒ C. Baji Rao II, the last Peshwa and father of Nana Sahib
 - ☒ D. Tantia Tope, known for his guerrilla warfare and patriotic resistance

Q.34 Who jointly led the first ever no-tax campaign against the British Government in Bengal during the 1838-1848 Farazi Movement?

- Ans**
- ☒ A. Shariatullah Khan and Dadu Mian
 - ☒ B. Sidhu Murmu and Kanhu Murmu
 - ☒ C. Titu Mir and Syed Ahmad Barelvi
 - ☒ D. Kunwar Singh and Amar Singh

Q.35 Mr. ABCD wants to become a member of the Legislative Assembly. What is the minimum age prescribed in the Constitution of India so that he becomes a member of the Legislative Assembly?

- Ans**
- ☒ A. 21 years
 - ☒ B. No Minimum age is prescribed in the Constitution
 - ☒ C. 35 years
 - ☒ D. 25 years

Q.36 Three positive integers, A, B, and C, are such that the least common multiple of A and B is 24, the least common multiple of B and C is 36, and the least common multiple of C and A is 72. If the numbers are taken to be as small as possible, the value of $A + B + C$ is:

- Ans**
- ☒ A. 25
 - ☒ B. 27
 - ☒ C. 29
 - ☒ D. 31

Q.37 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	11	18	28	15	22	31	13

- Ans**
- ☒ A. 60
 - ☒ B. 55
 - ☒ C. 58
 - ☒ D. 69

Q.38 According to the March 1997 agreement between the RBI and the Central Government, which practice was discontinued with effect from April 1, 1997?

- Ans**
- ✓ A. Practice of issuing ad hoc Treasury Bills
 - ✗ B. Automatic monetisation of fiscal deficit
 - ✗ C. Market borrowing through dated securities
 - ✗ D. Issuance of 91-day Treasury Bills

Q.39 Six years hence, a father's age will be 3 times the age of his son. Six years ago, the father was 7 times as old as his son. Find the present ages (in years) of the father and son.

- Ans**
- ✗ A. 50 and 14
 - ✗ B. 46 and 10
 - ✗ C. 52 and 16
 - ✓ D. 48 and 12

Q.40 According to the 2025 Financial Tracking Services report by the United Nations Office for the Coordination of Humanitarian Affairs, which two contributors ranked higher than UAE in global humanitarian aid?

- Ans**
- ✗ A. China and Japan
 - ✗ B. India and United Kingdom
 - ✓ C. United States and European Union
 - ✗ D. Morocco and Denmark

Q.41 If $30\% \text{ of } 80 - \frac{4}{7} \times \sqrt[3]{729} \times \sqrt{49} = y$, then the value of y is

- Ans**
- ✗ A. -7
 - ✗ B. -3
 - ✓ C. -12
 - ✗ D. -8

Q.42 Which ISRO centre will host the newly approved Third Launch Pad by Union cabinet in December 2025?

- Ans**
- ✓ A. Satish Dhawan Space Centre
 - ✗ B. Vikram Sarabhai Space Centre
 - ✗ C. Space Applications Centre
 - ✗ D. National Remote Sensing Centre

Q.43 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. OTP
 - ✓ B. INK
 - ✗ C. KPL
 - ✗ D. MRN

Q.44 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 :: ?

: MWE :: KUC : %

- Ans**
- ✓ A. # = BLT % = VFN
 - ✗ B. # = BLT % = VCN
 - ✗ C. # = KLT % = VFN
 - ✗ D. # = BLT % = VFM

Q.45 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 91 pages?

- Ans**
- ☐ A. 1825
 - ☐ B. 1810
 - ☒ C. 1820
 - ☐ D. 1830

Q.46 Which Himalayan region has greater altitudinal variations?

- Ans**
- ☐ A. Northern Himalayan region
 - ☐ B. Western Himalayan region
 - ☒ C. Eastern Himalayan region
 - ☐ D. Southern Himalayan region

Q.47 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?

$$9 \text{ B } 4 \text{ C } 6 \text{ D } 45 \text{ A } 5 = ?$$

- Ans**
- ☐ A. 34
 - ☐ B. 32
 - ☐ C. 31
 - ☒ D. 33

Q.48 Which of the following states ranks number one in the production of natural rubber in India in 2023-24?

- Ans**
- ☐ A. Karnataka
 - ☒ B. Kerala
 - ☐ C. Tamil Nadu
 - ☐ D. Andhra Pradesh

Q.49 18 is related to 59 following a certain logic. Following the same logic, 27 is related to 86. To which of the following is 37 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. 101
 - ☐ B. 132
 - ☐ C. 123
 - ☒ D. 116

Q.50 Refer to the following letter, number, symbol series and answer the question.

(Left) 5 5 © J W 1 L £ D Z 6 6 C 2 # R 2 C 6 % Y 6 (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the left?

- Ans**
- ☐ A. L
 - ☐ B. D
 - ☒ C. £
 - ☐ D. W

Q.51 Find the length of the ladder if the angle of elevation of the ladder against a wall is 60° and the foot of the ladder is 11.5 m away from the wall.

Ans ☒ A. 23 m

☒ B. $\frac{23\sqrt{3}}{2}$ m

☒ C. $23\sqrt{3}$ cm

☒ D. 11.5 m

Q.52 In 2025, the 2nd WHO Global Summit on Traditional Medicine officially began on 17 December in which city?

Ans ☒ A. Beijing

☒ B. New Delhi

☒ C. Bangkok

☒ D. Geneva

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 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.)

180 – 145 – 125 – 100; 145 – 110 – 90 – 65

Ans ☒ A. 165 – 130 – 110 – 85

☒ B. 115 – 80 – 60 – 45

☒ C. 155 – 130 – 110 – 75

☒ D. 130 – 95 – 70 – 50

Q.54 According to the Prayaga Prashasti, Samudragupta is compared to which god associated with wealth?

Ans ☒ A. Indra

☒ B. Varuna

☒ C. Yama

☒ D. Kubera

Q.55 Who wrote the introductory essay to Sarojini Naidu's 1905 poetry collection The Golden Threshold?

Ans ☒ A. Rabindranath Tagore

☒ B. W. B. Yeats

☒ C. Arthur Symons

☒ D. Edmond Gosse

Q.56 If 45% of $20 - \frac{4}{6} \times \sqrt[3]{729} \times \sqrt{36} = y$, then the value of y is

Ans ☒ A. -27

☒ B. -35

☒ C. -30

☒ D. -21

Q.57 What should come in place of '?' in the given series?

33 40 54 75 103 ?

- Ans
- ☐ A. 142
 - ☐ B. 140
 - ☒ C. 138
 - ☐ D. 145

Q.58 Article _____ describes the procedure for joint sitting of both Houses of the Parliament in certain cases.

- Ans
- ☐ A. Article 94
 - ☐ B. Article 104
 - ☐ C. Article 115
 - ☒ D. Article 108

Q.59 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 husband of B'
A ÷ B means 'A is the daughter of B'

Based on the above, how is H related to R if 'H - V ÷ K × T + R'?

- Ans
- ☐ A. Sister's son
 - ☒ B. Brother
 - ☐ C. Father's brother
 - ☐ D. Mother's brother

Q.60 P, Q, R, S, 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, number 2 and so on till the topmost floor, which is numbered 6.
Only three people live between Y and Z. Only P lives above Y. R lives on an odd-numbered floor. Q lives immediately below Y.
Who lives on floor number 2?

- Ans
- ☒ A. S
 - ☐ B. Y
 - ☐ C. P
 - ☐ D. Q

Q.61 Which of the following subjects are included in the Union List under the Seventh Schedule of the Indian Constitution?

- Ans
- ☐ A. Local government, markets, and fairs
 - ☐ B. Police, public health, and agriculture
 - ☐ C. Education, forests, and marriage
 - ☒ D. Defence, foreign affairs, and citizenship

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 conclusion(s) logically follow(s) from the statements.

Statements:

Some hens are turkeys. Some hens are ostriches. Some turkeys are eagles.

Conclusions:

(I) Some hens are eagles.

(II) Some turkeys are ostriches.

- 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.63 Select the triad which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
BALD-BADL-ABLD
EPIC-EPCI-PEIC

- Ans ☒ A. PART-RTPA-APTR
☒ B. FIRE-IREF-FRIE
☒ C. HIKE-HIEK-IHKE
☒ D. COME-COEM-OEMC

Q.64 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
JHF 3 RPN 5 ZXV 8 HFD 12 ?

- Ans ☒ A. BJP 15
☒ B. SYV 17
☒ C. KDU 19
☒ D. PNL 17

Q.65 What was the primary objective of the 'Blue Skies 2025' campaign launched in August 2025?

- Ans ☒ A. Conserve wetlands
☒ B. Reduce urban air pollution
☒ C. Promote solar energy
☒ D. Increase forest cover

Q.66 Refer to the following number and symbol series and answer the question that follows.
All numbers are single-digit numbers only.

(Left) 6 8 @ ! 4 5 ^ 5 * 9 & 4 \$ # 3 @ 1 + ? 8 (Right)

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

- Ans ☒ A. 5
☒ B. 9
☒ C. 1
☒ D. 6

Q.67 The census in India is conducted once in ten years under the legal authority of the Census Act _____.

- Ans ☒ A. 1872
☒ B. 1947
☒ C. 1948
☒ D. 2010

Q.68 If $(a + \frac{1}{a}) = 4$, then what is the value of $(a^5 + \frac{1}{a^5})$?

- Ans ☒ A. 724
☒ B. 709
☒ C. 776
☒ D. 770

Q.69 Which of the following is NOT regarded as an advantage of the LPG reforms in India?

- Ans ☒ A. Expansion of the private sector
☒ B. Rise in trade restrictions
☒ C. Adoption of advanced technologies
☒ D. Boost in international partnerships

Q.70 In a certain code language, 'APES' is coded as '4583' and 'PEAT' is coded as '6438'. What is the code for 'S' in that language?

- Ans**
- ☒ A. 4
 - ☒ B. 5
 - ☒ C. 8
 - ☒ D. 6

Q.71 If $4 : 28 :: 4.1 : x$ and $4 : 32 :: 3 : y$, then what is the ratio of x to y ?

- Ans**
- ☒ A. 287 : 240
 - ☒ B. 285 : 241
 - ☒ C. 288 : 238
 - ☒ D. 291 : 250

Q.72 Madhu and Madhuri start a business by investing in the ratio 31 : 34. If total profit is ₹44,850, then what is the difference between the shares of profit (in ₹) of Madhu and Madhuri?

- Ans**
- ☒ A. ₹3,570
 - ☒ B. ₹1,570
 - ☒ C. ₹570
 - ☒ D. ₹2,070

Q.73 Which of the following continents is NOT crossed by the Equator?

- Ans**
- ☒ A. Europe
 - ☒ B. Asia
 - ☒ C. Africa
 - ☒ D. South America

Q.74 AB is the diameter of a circle with centre P. C and D are two points on the circle on either side of AB, such that $\angle CAB = 48^\circ$ and $\angle ABD = 55^\circ$. What is the difference between the measures of $\angle CBD$ and $\angle CAD$?

- Ans**
- ☒ A. 14°
 - ☒ B. 11°
 - ☒ C. 18°
 - ☒ D. 8°

Q.75 In a certain code language, 'TIER' is coded as '2735' and 'TIME' is coded as '3475'. What is the code for 'M' in the given code language?

- Ans**
- ☒ A. 5
 - ☒ B. 7
 - ☒ C. 4
 - ☒ D. 3

Q.76 100 men have provisions for 27 days. If 55 men have left, for how many days the same provisions would last for the remaining men?

- Ans**
- ☒ A. 60
 - ☒ B. 64
 - ☒ C. 62
 - ☒ D. 58

Q.77 Preparation of report cards, maintaining student records, and creating question papers are actions that are mainly related to which area of computer application?

- Ans**
- ☐ A. Space research
 - ☒ B. Education administration
 - ☐ C. Business marketing
 - ☐ D. Automobile control

Q.78 The price of each article of type P, Q, and R is ₹280, ₹180 and ₹115, respectively. Tejas buys articles of each type in the ratio 4 : 2 : 5 for ₹6,165. How many articles of type Q did he purchase?

- Ans**
- ☐ A. 14
 - ☒ B. 6
 - ☐ C. 3
 - ☐ D. 12

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 gardens are forests. All forests are meadows. No garden is a park.

Conclusions:

(I) No forest is a park.

(II) No meadow is a park.

- 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.80 X, Y, Z, 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 is numbered 6. S lives on floor number 5. X lives on a floor above S. Only U lives below Y. Z lives on an even numbered floor. How many people live below Z?

- Ans**
- ☒ A. Three
 - ☐ B. Four
 - ☐ C. Two
 - ☐ D. One

Q.81 Which policy trade-off limited balanced sectoral growth in India during 1951–1991?

- Ans**
- ☐ A. Private vs. public sector
 - ☐ B. Imports vs. exports
 - ☒ C. Agriculture vs. industry
 - ☐ D. Services vs. manufacturing

Q.82 Find the mode of the following frequency distribution. (Round off the answer to two decimal places.)

Class	0-10	10-20	20-30	30-40	40-50
Frequency	5	8	12	20	10

- Ans**
- ☐ A. 32.25
 - ☐ B. 31.51
 - ☐ C. 33.35
 - ☒ D. 34.44

Q.83 What should come in place of '?' in the given series?

45 65 81 93 101 ?

- Ans**
- ☒ A. 105
 - ☐ B. 103
 - ☐ C. 106
 - ☐ D. 104

Q.84 Refer to the following letter, number, symbol series and answer the question. (All numbers are single digit numbers only.)

(Left) R % C * E 3 K 6 \$ 7 D @ 2 T Y # 4 5 G & S (Right)

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

- Ans**
- ☐ A. @
 - ☐ B. 4
 - ☒ C. #
 - ☐ D. 2

Q.85 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 55 m/min for 60 min. Her average speed (in m/min) for the entire journey is:

- Ans**
- ☐ A. 27
 - ☐ B. 40
 - ☐ C. 38
 - ☒ D. 34

Q.86 Which characteristic of a computer system enables it to perform extremely complex calculations within seconds?

- Ans**
- ☐ A. Versatility
 - ☐ B. Automation
 - ☐ C. Accuracy
 - ☒ D. Speed

Q.87 Who among the following is known for his collaboration with international artists and is/was a renowned tabla maestro?

- Ans**
- ☐ A. Hari Prasad Chaurasia
 - ☐ B. Sajjad Hussain
 - ☒ C. Zakir Hussain
 - ☐ D. EM Subramaniam

Q.88 In 2025, the Supreme Court of India (SC) in the case State of Tamil Nadu v. Governor of Tamil Nadu ruled that a State Governor cannot exercise which of the following over a bill duly passed by the State Legislature?

- Ans**
- ☐ A. Line-item veto
 - ☒ B. Pocket Veto
 - ☐ C. Veto only on financial bills
 - ☐ D. Conditional assent

Q.89 Three friends travel along three consecutive segments: from P to Q, Q to R, and R to S. Their speeds on these segments are 48 km/h, 72 km/h, and 96 km/h, respectively. The distances of the three segments are in the ratio 2 : 3 : 1, and the total distance from P to S is 480 km. Calculate the average speed for the entire journey.

- Ans**
- ☒ A. 58 km/h
 - ☒ B. 64 km/h
 - ☒ C. 65 km/h
 - ☒ D. 68 km/h

Q.90 52 is related to 144 following a certain logic. Following the same logic, 81 is related to 173. To which of the following 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 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. 165
 - ☒ B. 175
 - ☒ C. 145
 - ☒ D. 155

Q.91 The total surface area of a solid cube each side of which is 84 cm long is:

- Ans**
- ☒ A. 42365 cm²
 - ☒ B. 42292 cm²
 - ☒ C. 42359 cm²
 - ☒ D. 42336 cm²

Q.92 Seven people B, C, O, P, Q, R and S are sitting around a circular table facing the center of the table. B sits second to the right of S. Q sits third to the left of S. Only two people sit between P and R when counted from the right of R. C is an immediate neighbor of P. Who sits to the immediate left and right of O, respectively?

- Ans**
- ☒ A. S and B
 - ☒ B. C and B
 - ☒ C. S and P
 - ☒ D. C and S

Q.93 At what rate per annum will a sum of money become five times itself in 5 years under simple interest?

- Ans**
- ☒ A. 82%
 - ☒ B. 160%
 - ☒ C. 80%
 - ☒ D. 78%

Q.94 In **December 2025**, the Punjab government directed strict enforcement of which policy to safeguard schoolchildren during **dense winter fog** (mandatory visibility measures, reduced speed, reflectors, headlights and fog lights)?

- Ans**
- ☒ A. Motor Vehicles Safety Compliance Programme
 - ☒ B. Safe School Vehicle Policy
 - ☒ C. National Road Safety Policy
 - ☒ D. National School Safety and Security Guidelines

Q.95 Shan has ₹1407 with him. He divides this amount between his two sons, Piyush and Manoj, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Piyush's investment amounts to the same value after 18 years as Manoj's investment does after 19 years. How much (in ₹) did Shan give to Manoj?

- Ans** ☒ A. 670
☒ B. 837
☒ C. 737
☒ D. 520

Q.96 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 89% of the valid votes and won the election by a margin of 351 votes. How many voters were registered?

- Ans** ☒ A. 625
☒ B. 650
☒ C. 600
☒ D. 675

Q.97 Each of the digits in the number 52697148 is arranged in descending order from left to right. What will be the product of the digits which are third from the left and second from the right in the number thus formed?

- Ans** ☒ A. 14
☒ B. 12
☒ C. 16
☒ D. 28

Q.98 In a certain code language,
E + F means 'E is the brother of F',
E – F means 'E is the father of F',
E x F means 'E is the husband of F' and
E ÷ F means 'E is the mother of F'.

How is P related to T if 'P + Q – R x S ÷ T'?

- Ans** ☒ A. Father's Father's Brother
☒ B. Father's Brother
☒ C. Father
☒ D. Brother

Q.99 Which island country, along with Sri Lanka, is identified as India's southern neighbour across the Indian Ocean?

- Ans** ☒ A. Indonesia
☒ B. Bhutan
☒ C. Maldives
☒ D. Thailand

Q.100 Which Ministry was primarily responsible for implementing online child safety initiatives as of December 2025?

- Ans** ☒ A. Ministry of Social Justice
☒ B. Ministry of Electronics and Information Technology (MeitY)
☒ C. Ministry of Home Affairs
☒ D. Ministry of Education



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	17/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Tejasvi, Trishana and Meena are three sisters. Tejasvi and Trishana are twins. The sum of the ages of Tejasvi and Trishana is the same as that of Meena. Four years earlier, the ratio of the ages of Tejasvi and Meena was 1:3. What will be the age of Trishana 4 years from now?

Ans ☒ A. 18 years

☒ B. 16 years

☒ C. 12 years

☒ D. 14 years

Q.2 The revised methodology from 2025 for calculating **Green Credit** for tree plantation requires certain thresholds before a claim can be submitted. Which is the **correct eligibility pair**?

Ans ☒ A. 7 years of restoration + 40% canopy density

☒ B. 3 years of restoration + 30% canopy density

☒ C. 5 years of restoration + 60% canopy density

☒ D. 5 years of restoration + 40% canopy density

Q.3 As of December 2025, under the Pradhan Mantri Jan-Dhan Yojana (PMJDY), eligible account holders can access an overdraft facility of up to:

Ans ☒ A. ₹10,000

☒ B. ₹8,000

☒ C. ₹15,000

☒ D. ₹5,000

Q.4 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 15 years on simple interest?

Ans ☒ A. 26.67

☒ B. 53.34

☒ C. 28.67

☒ D. 24.67

Q.5 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) T O @ \$ J \$ S € M L I * N G © Y & T P £ Y T (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. 4

☒ B. 2

☒ C. 1

☒ D. 3

Q.6 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 72 m/min for 66 min. Her average speed (in m/min) for the entire journey is:

Ans ☒ A. 35

☒ B. 46

☒ C. 48

☒ D. 42

Q.7 If the mean of the following data is 35, find the value of X.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	42	26	45	46	X

Ans ☒ A. 28

☒ B. 34

☒ C. 26

☒ D. 32

Q.8 Evaluate: $(-9) - (-60) \div (-6) + (-2) \times 8$

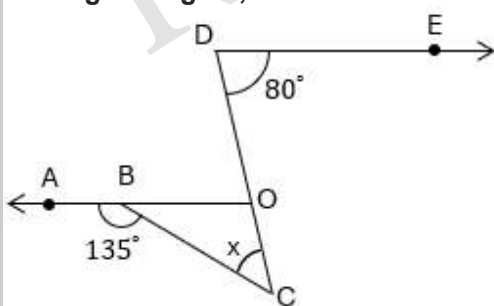
Ans ☒ A. -37

☒ B. -38

☒ C. -35

☒ D. -34

Q.9 In the given figure, lines AO and DE are parallel. What is the value of x?



Ans ☒ A. 145°

☒ B. 45°

☒ C. 100°

☒ D. 35°

Q.10 Which dynasty ruled over Kannauj during the Tripartite Struggle?

Ans ☒ A. Rashtrakutas

☒ B. Chalukyas

☒ C. Palas - Cholas

☒ D. Gurjara-Pratiharas

Q.11	Which of the following methods was characteristically adopted by the Moderates during the early phase of the Indian national movement?	
Ans	☒ A. Boycott of foreign goods and institutions	
	☒ B. Swadeshi Movement	
	☒ C. Promotion of Vedic education	
	☒ D. Constitutional reforms	
Q.12	P sells an item to Q at 70% profit. Q sells the same item to R at 67% loss. If R paid ₹ 3927 for the item, then at what price (in ₹) is the item purchased by P?	
Ans	☒ A. 7003	
	☒ B. 6998	
	☒ C. 6997	
	☒ D. 7000	
Q.13	According to Census 2011, which of the following states showed a negative decadal population growth rate between 2001 and 2011?	
Ans	☒ A. Punjab	
	☒ B. Nagaland	
	☒ C. Gujrat	
	☒ D. Kerela	
Q.14	Mahesh has ₹1407 with him. He divides this amount between his two sons, Vijay and Ajay, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Vijay's investment amounts to the same value after 17 years as Ajay's investment does after 18 years. How much (in ₹) did Mahesh give to Ajay?	
Ans	☒ A. 837	
	☒ B. 670	
	☒ C. 737	
	☒ D. 520	
Q.15	A copper sphere of diameter 24 cm is melted and drawn into a wire of diameter 4 mm. What is the length (in metres) of the wire?	
Ans	☒ A. 456	
	☒ B. 480	
	☒ C. 576	
	☒ D. 580	
Q.16	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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.) (336, 216, 156) (379, 259, 199)	
Ans	☒ A. (432, 332, 252)	
	☒ B. (394, 264, 204)	
	☒ C. (412, 292, 232)	
	☒ D. (449, 329, 249)	

Q.17	By November 2025, non-fossil power accounted for what percentage of the total installed electricity capacity in India?	
Ans	☒ A. 40.2%	
	☒ B. 45.8%	
	☒ C. 51.5%	
	☒ D. 60.0%	
Q.18	A and B, when each is working alone, can complete a piece of work in. respectively, 20 days and 25 days. Each work on alternate days, with A and B starting to work on Day 1 and Day 2, respectively. How long will it take them to complete the work?	
Ans	☒ A. $22\frac{1}{5}$ days	
	☒ B. 23 days	
	☒ C. 11 days	
	☒ D. 22 days	
Q.19	Which North Indian fair, held every 12 years, is a major Hindu pilgrimage event at Prayagraj?	
Ans	☒ A. Hemis Festival	
	☒ B. Kumbh Mela	
	☒ C. Surajkund Mela	
	☒ D. Pushkar Mela	
Q.20	Simplify: $\frac{(525 \times 525 \times 525) + (321 \times 321 \times 321)}{(525 \times 525) - (525 \times 321) + (321 \times 321)} \times \frac{1}{(96 - 36)}$	
Ans	☒ A. 12.5	
	☒ B. 15.9	
	☒ C. 13.1	
	☒ D. 14.1	
Q.21	Which core component of Windows OS is responsible for handling low-level operations such as memory management and process scheduling?	
Ans	☒ A. Service Control Manager	
	☒ B. Task Scheduler	
	☒ C. Windows Explorer	
	☒ D. Windows Kernel	
Q.22	A cube has a lateral surface area of 324 cm ² . It is fully submerged in a rectangular container of height 18 cm, having a square base and a lateral surface area of 864 cm ² . If the container was partially filled with water before the cube was submerged, find the rise in the water level after the cube is submerged. (Round your answer to the nearest integer.)	
Ans	☒ A. 6 cm	
	☒ B. 7 cm	
	☒ C. 4 cm	
	☒ D. 5 cm	

Q.23	Under the Citizenship Act, 1955, which section governs the grant of citizenship when a new territory becomes part of India?	
Ans	☒ A. Section 5	
	☒ B. Section 6	
	☒ C. Section 7	
	☒ D. Section 9	
Q.24	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.) 157 – 162 – 172 – 86 93 – 98 – 108 – 54	
Ans	☒ A. 98 – 103 – 113 – 133	
	☒ B. 112 – 116 – 126 – 63	
	☒ C. 185 – 190 – 200 – 100	
	☒ D. 65 – 70 – 80 – 160	
Q.25	A is the wife of B. B is the father of C. D is the brother of C. E is the son of D. How is A related to E?	
Ans	☒ A. Father's mother	
	☒ B. Mother's mother	
	☒ C. Husband's wife	
	☒ D. Mother	
Q.26	Which of the following athletes clinched the women's 100m hurdles gold at the World Athletics Championships Tokyo 2025 on 15 September?	
Ans	☒ A. Ditaji Kambundji	
	☒ B. Grace Stark	
	☒ C. Masai Russell	
	☒ D. Tobi Amusan	
Q.27	Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only. (Left) O N & # K € S * P # £ * G I & * @ I A * @ © (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. 5	
	☒ B. 4	
	☒ C. 3	
	☒ D. 2	
Q.28	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 :: ? # : NMH :: VUP : %	
Ans	☒ A. # = SVC % = OIK	
	☒ B. # = IBM % = QKL	
	☒ C. # = SRO % = ZPK	
	☒ D. # = SRM % = QPK	

Q.29	The ratio of three numbers is 3 : 5 : 7. If the sum of the largest and smallest numbers is 60, what is the sum of all the three numbers?
Ans	☒ A. 90 ☐ B. 70 ☐ C. 100 ☐ D. 120
Q.30	If $\cot A = \frac{3}{4}$, and A is an acute angle, then find the value of $\sin 2A - \cos 3A$.
Ans	☐ A. $\frac{3}{125}$ ☐ B. $\frac{141}{125}$ ☒ C. $\frac{237}{125}$ ☐ D. $\frac{273}{125}$
Q.31	In a certain code language, 'ROAD' is coded as '9416' and 'DORM' is coded as '3691'. What is the code for 'M' in the given code language?
Ans	☐ A. 6 ☒ B. 3 ☐ C. 1 ☐ D. 9
Q.32	If a 7-digit number 54468A0 is completely divisible by 4, what is the minimum value of A?
Ans	☐ A. 3 ☐ B. 2 ☒ C. 0 ☐ D. 5
Q.33	Which 2025 event by the United Nations highlights that member states continue to ratify a variety of multilateral treaties across human rights, the environment, penal law, and the law of the sea, among others?
Ans	☐ A. Paris Climate Summit ☒ B. 2025 Treaty Event ☐ C. UN Biodiversity Summit ☐ D. UN Ocean Conference
Q.34	If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 21673458, what will be the product of the greatest and smallest digit in the new number thus formed?
Ans	☐ A. 0 ☐ B. 9 ☒ C. 8 ☐ D. 16
Q.35	Evaluate: $(-9) - (-56) \div (-14) + (-3) \times 8$
Ans	☐ A. -40 ☐ B. -36 ☐ C. -39 ☒ D. -37

Q.36	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'. Based on the above, how is E related to B if 'E % R # D + N @ B'?	
Ans	☐ A. Wife's brother ☐ B. Wife's father ☒ C. Son's wife's father ☐ D. Son's wife's brother	
Q.37	Which of the following objectives is mentioned in Article 39 of the Indian Constitution?	
Ans	☐ A. To organise agriculture and animal husbandry ☐ B. To ensure equal justice and provide free legal aid ☒ C. To promote equal pay for equal work for both men and women ☐ D. To organise village panchayats	
Q.38	What should come in place of '?' in the given series? 64 62 59 54 47 ?	
Ans	☐ A. 34 ☐ B. 32 ☐ C. 38 ☒ D. 36	
Q.39	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. A, B, C, D, E and F are sitting around a circular table, facing the centre. Who sits to the immediate right of C? (I) D sits to the immediate left of F. C is the immediate neighbour of A and E. (II) B sits second to the left of F. C sits second to the right of F.	
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.40	There are 12 members in group A, 73 members in group B and 80 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹184, ₹234 and ₹390, respectively. The overall average amount (in ₹) spent per member is:	
Ans	☐ A. 305 ☒ B. 306 ☐ C. 311 ☐ D. 308	
Q.41	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. Only two people have exams before Q. Only three people have exams after V. Only three people have exams between S and Q. P has the exam immediately before T but not on Monday. R does not have the exam on Tuesday. How many people have exams between R and T?	
Ans	☐ A. Three ☐ B. Two ☒ C. Four ☐ D. One	

Q.42	Which name is given to the southern stretch of the western coastal plain of India?	
Ans	☒ A. Konkan Coast	
	☒ B. Malabar coast	
	☒ C. Coromandel Coast	
	☒ D. Kannad Coast	
Q.43	In a certain code language, 'WAND' is coded as '1846' and 'GNAW' is coded as '4165'. What is the code for 'G' in that language?	
Ans	☒ A. 6	
	☒ B. 5	
	☒ C. 1	
	☒ D. 4	
Q.44	Which mission, announced in August 2025, aims to provide India with a multi-layered indigenous air and missile defence system?	
Ans	☒ A. Mission Shakti	
	☒ B. Agni Defence Initiative	
	☒ C. Mission Sudarshan Chakra	
	☒ D. Integrated Air Defence Mission	
Q.45	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 :: ? # : NQW :: LOU : %	
Ans	☒ A. # = KKQ, % = RUA	
	☒ B. # = HKQ, % = RUL	
	☒ C. # = HKQ, % = RUA	
	☒ D. # = HKQ, % = RUO	
Q.46	A file is selected on the desktop. Pressing the Delete key will mainly:	
Ans	☒ A. Remove the file	
	☒ B. Rename the file	
	☒ C. Open the file	
	☒ D. Copy the file	
Q.47	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 ants are lizards. All lizards are spiders. No spider is a rat. Conclusions: (I) Some rats are lizards. (II) Some spiders are ants.	
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	

Q.48	If α is a root of the equation $2x(2x + 1) = 1$, then the other root is:
Ans	☒ A. $-\alpha(\alpha + 1)$
	☒ B. $2\alpha(\alpha - 1)$
	☒ C. $-\frac{1}{4\alpha}$
	☒ D. $3\alpha(\alpha + 1)$
Q.49	Which of the following is a significant component of the Harappan citadel?
Ans	☒ A. Grand palaces
	☒ B. The Great Bath
	☒ C. Dwelling houses
	☒ D. Huge temples
Q.50	Under which of the following categories do headphones fall?
Ans	☒ A. Output Device
	☒ B. Calculator Device
	☒ C. Input Device
	☒ D. Storage Device
Q.51	Which substance is the primary component of the reddish-brown coating formed on iron articles exposed to moist air?
Ans	☒ A. Iron Sulfate (FeSO_4)
	☒ B. Iron (II) Oxide (FeO)
	☒ C. Iron (III) Hydroxide ($\text{Fe}(\text{OH})_3$)
	☒ D. Hydrated Iron (III) Oxide ($\text{Fe}_2\text{O}_3 \cdot x\text{H}_2\text{O}$)
Q.52	Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. P sits third to the left of Q. Only one person sits between Q and B when counted from the right of Q. Only two people sit between O and C when counted from the left of O. D is an immediate neighbor of O. Who sits third to the right of R?
Ans	☒ A. D
	☒ B. P
	☒ C. C
	☒ D. O
Q.53	Which law of Mendel explains the separation of alleles during gamete formation?
Ans	☒ A. Law of Dominance
	☒ B. Law of Assortment
	☒ C. Law of Segregation
	☒ D. Law of Variation
Q.54	In an election between two candidates, 84% of the registered voters cast their votes and 20% of the votes polled were found invalid. Winning candidate got 58% of the valid votes and won the election by a margin of 336 votes. How many voters were registered?
Ans	☒ A. 3125
	☒ B. 3123
	☒ C. 3120
	☒ D. 3124

Q.55	Who was exiled to Rangoon after the First War of Independence in India?	
Ans	☒ A. Ahmadullah Shah	
	☒ B. Nana Sahib	
	☒ C. Bahadur Shah Zafar	
	☒ D. Rani Lakshmibai	
Q.56	The product of two numbers, X and Y, is 6760, and the HCF of X and Y is 13. Find the number of possible pairs (X,Y), given that X>Y.	
Ans	☒ A. 1	
	☒ B. 2	
	☒ C. 4	
	☒ D. 3	
Q.57	Manan starts from Point A and drives 42 km towards South. He then takes a left turn, drives 40 km, turns left and drives 54 km. He then takes a left turn and drives 48 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. 8 km to the east	
	☒ B. 7 km to the east	
	☒ C. 6 km to the west	
	☒ D. 5 km to the west	
Q.58	What should come in place of '?' in the given series? 19 20 28 55 119 ?	
Ans	☒ A. 144	
	☒ B. 142	
	☒ C. 244	
	☒ D. 245	
Q.59	TN 13 is related to WR 16 in a certain way. In the same way, KE 18 is related to NI 21. To which of the following is VP 26 related, following the same logic?	
Ans	☒ A. XU 28	
	☒ B. YV 29	
	☒ C. YT 29	
	☒ D. XY 28	
Q.60	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 below A. Only two boxes are kept between E and A. F is kept immediately above B. D is kept above G but below A. How many boxes are kept below C but above B?	
Ans	☒ A. Five	
	☒ B. Three	
	☒ C. Two	
	☒ D. Four	

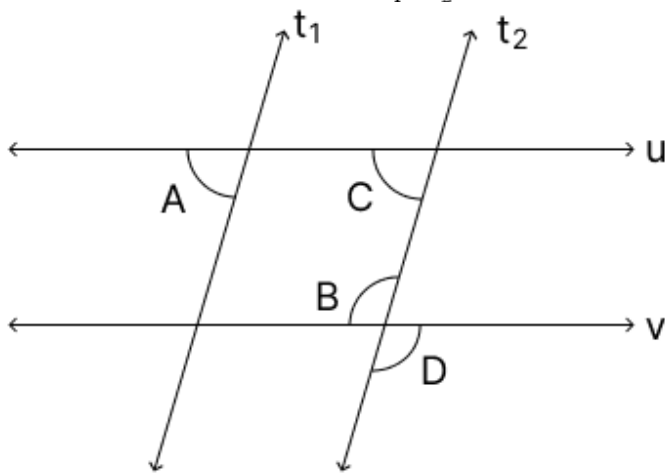
Q.61	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? PMO 51 SPR 46 VSU 41 YVX 36 ?	
Ans	☒ A. BZZ 31	
	☒ B. BJS 30	
	☒ C. BXZ 30	
	☒ D. BYA 31	
Q.62	₹7770 is divided among A, B, C, and D in such a way that the shares of A and B, B and C, and C and D are in the ratios of 2 : 3, 4 : 5, and 6 : 7, respectively. The share of A (in ₹) is:	
Ans	☒ A. 1224	
	☒ B. 1184	
	☒ C. 1154	
	☒ D. 1124	
Q.63	Which three countries formed the ACITI Partnership announced in November 2025?	
Ans	☒ A. India, UK, Australia	
	☒ B. Australia, Japan, Canada	
	☒ C. India, Australia, Canada	
	☒ D. Canada, USA, India	
Q.64	With reference to the 93rd anniversary celebrations of the Indian Air Force (IAF) in 2025, where was the main ceremonial parade held?	
Ans	☒ A. Guwahati	
	☒ B. Bengaluru (HAL Complex)	
	☒ C. Air Force Station Hindan, Ghaziabad	
	☒ D. Delhi Cantonment	
Q.65	Which of the following is an example of Customized Software?	
Ans	☒ A. LibreOffice Calc	
	☒ B. Mozilla Firefox Application	
	☒ C. Adobe Photoshop Software	
	☒ D. School Management Software	
Q.66	According to early Buddhist literature, how many gāmas (villages) were said to exist in the kingdom of Magadha during the reign of King Bimbisāra?	
Ans	☒ A. 1,00,000	
	☒ B. 60,000	
	☒ C. 80,000	
	☒ D. 40,000	
Q.67	How do Centre-State financial relations impact the governance in India?	
Ans	☒ A. By eliminating the need for state budgets	
	☒ B. By centralizing all tax revenues at the Centre	
	☒ C. By providing states with unlimited financial resources	
	☒ D. Through mechanisms like the Finance Commission that allocate resources	

Q.68	Which constitutional amendment to the Indian Constitution added the term 'Socialist' to the Preamble?	
Ans	☒ A. 42nd Amendment, 1976 ☐ B. 1st Amendment, 1951 ☐ C. 44th Amendment, 1978 ☐ D. 26th Amendment, 1971	
Q.69	Which of the following principle was most emphasized by Bal Gangadhar Tilak during the Extremist Phase?	
Ans	☐ A. Support for communal representation ☒ B. Swaraj as the birthright of every Indian ☐ C. Exclusive focus on economic reforms ☐ D. Complete armed revolution against the British	
Q.70	Barren Island, which witnessed two eruptions in 2025, is situated in which Union Territory of India?	
Ans	☐ A. Lakshadweep ☐ B. Puducherry ☒ C. Andaman & Nicobar Islands ☐ D. Dadra & Nagar Haveli and Daman & Diu	
Q.71	This question is based on the five, three-digit numbers given below. (Left) 194 582 419 149 825 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) 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. 9 ☐ B. 8 ☐ C. 6 ☐ D. 12	
Q.72	A and B start running on a circular track of length 900 m. A runs at 225 m/min and B at 180 m/min. Every time A overtakes B, both reduce their speeds by 5% of their then speeds before continuing. After how many minutes (correct to two decimal places) does A overtake B for the 3 rd time?	
Ans	☐ A. 62.11 min ☐ B. 64.41 min ☐ C. 64.21 min ☒ D. 63.21 min	
Q.73	Which of the following States/Union Territories shares a border with Afghanistan?	
Ans	☒ A. Ladakh ☐ B. Rajasthan ☐ C. Jammu and Kashmir ☐ D. Punjab	
Q.74	Why did the share of workers in the rural agriculture sector increase during July–September 2025?	
Ans	☐ A. Due to urban migration ☒ B. Due to Kharif agricultural operations ☐ C. Because of new government schemes ☐ D. Because of a decline in manufacturing jobs	

Q.75	What is the average of all the natural numbers from 1 to 63?
Ans	☒ A. 31.5
	☒ B. 32.5
	☒ C. 32
	☒ D. 33
Q.76	As of February 1, 2025, what percentage of rural households in India had been provided tap water connections under the Jal Jeevan Mission?
Ans	☒ A. 69.34%
	☒ B. 79.74%
	☒ C. 84.15%
	☒ D. 92.67%
Q.77	Which of the following statements is true about the role of Cabinet Ministers in India?
Ans	☒ A. They head important ministries like Home, Defence, and Finance.
	☒ B. They only assist other ministers in their duties.
	☒ C. They do not attend Cabinet meetings.
	☒ D. They are not involved in policy decisions.
Q.78	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4813576, what will be the difference between the highest and the lowest digits in the number thus formed?
Ans	☒ A. 7
	☒ B. 8
	☒ C. 5
	☒ D. 6
Q.79	Seven boxes A, C, G, H, J, N and R are kept one over the other but not necessarily in the same order. Only three boxes are kept below N. Only two boxes are kept between N and J. Only G is kept immediately above H. C is kept at some place below R and at some place above A. How many boxes are kept above C?
Ans	☒ A. 3
	☒ B. 2
	☒ C. 4
	☒ D. 1
Q.80	As per Article _____ of the Indian Constitution, from the date of commencement of the Constitution (Sixty-ninth Amendment) Act, 1991, the Union territory of Delhi shall be called the National Capital Territory of Delhi.
Ans	☒ A. 239AC
	☒ B. 239AD
	☒ C. 239AB
	☒ D. 239AA
Q.81	Which of the following factors causes Ooty to have cooler summers than Coimbatore, even though both are located at nearly the same latitude?
Ans	☒ A. Ooty is influenced by cold desert winds from the north
	☒ B. Coimbatore receives less solar radiation during the year
	☒ C. Ooty is located closer to the sea, while Coimbatore is inland
	☒ D. Ooty is situated at a higher altitude, leading to lower temperatures

Q.82	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? EGE 85 DFD 90 CEC 95 BDB 100 ?	
Ans	☒ A. ABZ 104	
	☒ B. ABD 104	
	☒ C. ADZ 105	
	☒ D. ACA 105	
Q.83	The population of a village was 2,90,000. It increased by 10% in the first year and increased by 20% in the second year. Its population after two years is _____.	
Ans	☒ A. 3,19,000	
	☒ B. 3,48,000	
	☒ C. 3,82,800	
	☒ D. 3,77,000	
Q.84	During recession, which type of Fiscal Policy should be used?	
Ans	☒ A. Stable Fiscal Policy	
	☒ B. Expansionary Fiscal Policy	
	☒ C. Contractionary Fiscal Policy	
	☒ D. Neutral Fiscal Policy	
Q.85	Which U.S. state experiences a Mediterranean climate that supports the cultivation of fruits, vegetables, and vineyards?	
Ans	☒ A. California	
	☒ B. Florida	
	☒ C. Texas	
	☒ D. Alaska	
Q.86	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 oranges are apples. No apple is a banana. No banana is a kiwi. Conclusions: (I) No orange is a banana. (II) No apple is a kiwi.	
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.87 In the given figure, if $u \parallel v$, $t_1 \parallel t_2$ and $\angle A = 92^\circ$, find $\angle D$.



Ans ☒ A. 88°

☒ B. 82°

☒ C. 78°

☒ D. 92°

Q.88 A shopkeeper professes to sell his goods at a 25% loss but uses a false balance and gains 70%. The actual weight (rounded off to one decimal place) that he uses instead of 1 kg is:

Ans ☒ A. 443.3 gm

☒ B. 441.2 gm

☒ C. 438.1 gm

☒ D. 436.4 gm

Q.89 Who is the author of the historical work 'Rajatarangini', which records the history of Kashmir?

Ans ☒ A. Bana

☒ B. Bilhana

☒ C. Kalhana

☒ D. Kalidasa

Q.90 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.)

15 – 225 – 235 – 195
9 – 81 – 91 – 51

Ans ☒ A. 10 – 100 – 110 – 90

☒ B. 8 – 64 – 74 – 104

☒ C. 18 – 324 – 334 – 294

☒ D. 16 – 256 – 276 – 246

Q.91 Two taps can fill a cistern in 4 hours and 27 hours respectively. A third tap can empty it in 27 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans ☒ A. 4

☒ B. 2

☒ C. 1

☒ D. 3

Q.92	Free fall corresponds to which type of motion?																				
Ans	✖ A. Non-uniform motion ✖ B. Uniform motion ✔ C. Uniformly accelerated motion ✖ D. Periodic motion																				
Q.93	The waves which can propagate in gases are:																				
Ans	✖ A. Transverse Waves ✖ B. Gravity Waves ✔ C. Longitudinal Waves ✖ D. Stationary Waves																				
Q.94	The median for the following frequency distribution is: <table><tr><td>x</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr><tr><td>f</td><td>8</td><td>10</td><td>11</td><td>16</td><td>20</td><td>25</td><td>15</td><td>9</td><td>6</td></tr></table>	x	1	2	3	4	5	6	7	8	9	f	8	10	11	16	20	25	15	9	6
x	1	2	3	4	5	6	7	8	9												
f	8	10	11	16	20	25	15	9	6												
Ans	✖ A. 6 ✖ B. 8 ✖ C. 4 ✔ D. 5																				
Q.95	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. JL-MO ✔ B. BD-EH ✖ C. NP-QS ✖ D. LN-OQ																				
Q.96	Which of the following regions was one of the major sources for copper for the Harappan civilisation?																				
Ans	✖ A. Afghanistan ✖ B. Maharashtra ✔ C. Rajasthan ✖ D. Bihar																				
Q.97	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. DF-GJ ✖ B. PR-SU ✖ C. HJ-KM ✖ D. MO-PR																				
Q.98	A man sold an article for ₹132 by first giving a d% discount on its marked price, and then another discount having the same nominal value (in ₹). If the marked price of the article is ₹880, then what is the value of d?																				
Ans	✔ A. 42.5 ✖ B. 46 ✖ C. 39.5 ✖ D. 37.3																				

Q.99	A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits to the immediate right of A. Only three people sit between D and G when counted from the left of D. Only three people sit between A and F when counted from the right of F. E sits to the immediate right of B. How many people sit between D and E when counted from the right of D?	
Ans	☒ A. 3	
	☒ B. 2	
	☒ C. 1	
	☒ D. 4	
Q.100	If $a : b : c = 3 : 4 : 5$ and $2a - 3b + 4c = 56$, then the value of c is:	
Ans	☒ A. 20	
	☒ B. 22	
	☒ C. 21	
	☒ D. 24	

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	17/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 A, B and C together can complete a certain work in 54 days. B and C together can complete the same work in 56 days. B is 75% more efficient than A. A, B and C work together for 52 days. B alone will complete the remaining work in:

- Ans**
- ☒ A. 30 days
 - ☒ B. 34 days
 - ☒ C. 27 days
 - ☒ D. 32 days

Q.2 What should come in place of '?' in the given series?

55 53 50 45 38 ?

- Ans**
- ☒ A. 31
 - ☒ B. 29
 - ☒ C. 27
 - ☒ D. 33

Q.3 Wheat is mainly a crop of which season in India?

- Ans**
- ☒ A. Zaid
 - ☒ B. Kharif
 - ☒ C. Rabi
 - ☒ D. Pre-monsoon

Q.4 Simplify $\sqrt[3]{0.216} + \sqrt[3]{0.001} - \sqrt[3]{0.008}$.

- Ans**
- ☒ A. 0.2
 - ☒ B. 0.5
 - ☒ C. 0.6
 - ☒ D. 0.4

Q.5 Raising an object from the ground results in the storage of which type of energy?

- Ans**
- ☒ A. Electrical energy
 - ☒ B. Heat energy
 - ☒ C. Potential energy
 - ☒ D. Kinetic energy

Q.6 If x and y are two values such that their difference (x – y) is 5 and product (xy) is 21, then the value of $x^2 + y^2 + xy$ is:

- Ans
- ☐ A. 130
 - ☐ B. 180
 - ☐ C. 440
 - ☒ D. 88

Q.7 Which cell organelle is responsible for maintaining cell shape and providing structural support?

- Ans
- ☐ A. Peroxisome
 - ☒ B. Cytoskeleton
 - ☐ C. Nucleus
 - ☐ D. Golgi apparatus

Q.8 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 B. Only E is kept above G. No box is kept below B. A is kept at some place below C but at some place above F. How many boxes are kept between B and G?

- Ans
- ☐ A. 2
 - ☐ B. 1
 - ☐ C. 3
 - ☒ D. 4

Q.9 In which of the following Articles of the Constitution of India is it stated that Union Territories are to be administered by the President, who may appoint an administrator to oversee them?

- Ans
- ☐ A. Article 241
 - ☒ B. Article 239
 - ☐ C. Article 242
 - ☐ D. Article 240

Q.10 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 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)
18, 73
23, 93

- Ans
- ☐ A. 25, 104
 - ☐ B. 26, 104
 - ☒ C. 26, 105
 - ☐ D. 25, 105

Q.11 If '+' means '–', '–' means '×', '×' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$316 - 2 \div 37 + 436 \times 4 = ?$$

- Ans
- ☐ A. 590
 - ☐ B. 540
 - ☐ C. 520
 - ☒ D. 560

Q.12 Which of the following is NOT correctly matched with respect to the Directive Principles of State Policy?

- Ans**
- ☐ A. Article 40 - Organisation of village panchayats
 - ☐ B. Article 39A - Equal justice and free legal aid
 - ☐ C. Article 43A - Participation of workers in management of industries
 - ☒ D. Article 41 - Provision for just and humane conditions of work and maternity relief

Q.13 Article 25 of the Indian Constitution primarily guarantees which of the following rights?

- Ans**
- ☐ A. Right to equality before law
 - ☐ B. Cultural and educational rights
 - ☒ C. Freedom of religion
 - ☐ D. Right to constitutional remedies

Q.14 Seven boxes P, A, R, E, N, T and S are kept one over the other but not necessarily in the same order. Only two boxes are kept between A and S. Only E is kept below N. Only R is kept above A. T is not kept immediately above S. How many boxes are kept between P and E?

- Ans**
- ☐ A. Three
 - ☐ B. Zero
 - ☒ C. Two
 - ☐ D. One

Q.15 What is the maximum value that must be assigned to A so that the 8-digit number 718A5104 is divisible by 4?

- Ans**
- ☐ A. 4
 - ☐ B. 6
 - ☒ C. 9
 - ☐ D. 5

Q.16 Which of the following individuals was awarded the Nobel Peace Prize 2025 for persistent efforts in promoting democratic rights in Venezuela and striving for a just and peaceful transition from dictatorship to democracy?

- Ans**
- ☐ A. Delcy Rodríguez
 - ☒ B. Maria Corina Machado
 - ☐ C. Juan Guaidó
 - ☐ D. Mary E. Brunkow

Q.17 Which of the following industrial financing institutions in India was formed in 1990?

- Ans**
- ☒ A. Small Industries Development Bank of India (SIDBI)
 - ☐ B. Industrial Finance Corporation of India (IFCI)
 - ☐ C. Industrial Development Bank of India (IDBI)
 - ☐ D. Industrial Credit and Investment Corporation of India (ICICI)

Q.18 Which states suffered 30-70% below-normal rainfall in August 2025, contributing to crop stress and water shortages?

- Ans**
- ☐ A. Rajasthan, Haryana, Sikkim, Assam, Manipur, and Tripura
 - ☐ B. Odisha, Madhya Pradesh, Chhattisgarh, Telangana, and Andhra Pradesh
 - ☒ C. Ladakh, Arunachal Pradesh, Bihar, UP, Punjab, and the Northeast
 - ☐ D. Kerala, Tamil Nadu, Karnataka, Maharashtra, Goa, and Gujarat

Q.19 In a certain code language, 'repair the mobile' is coded as 'gf ed ls' and 'mobile is lost' is coded as 'sq gf tf'. How is 'mobile' coded in that language?

- Ans**
- ☐ A. ed
 - ☐ B. sq
 - ☐ C. ls
 - ☒ D. gf

Q.20 In a certain code language, 'MILE' is coded as '9574' and 'TIME' is coded as '5429'. What is the code for 'T' in the given code language?

- Ans**
- ☐ A. 4
 - ☐ B. 5
 - ☒ C. 2
 - ☐ D. 9

Q.21 The concept of sustainable development became popular after which report (1987)?

- Ans**
- ☐ A. Rio Report
 - ☐ B. Earth Report
 - ☒ C. Brundtland Report
 - ☐ D. Kyoto Report

Q.22 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) K C © C V € @ € # U © & Y £ © I \$ N W # & Q (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. 5
 - ☐ B. 6
 - ☒ C. 4
 - ☐ D. 3

Q.23 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 parcels – Alpha, Bravo, Cargo, Delta, and Echo – have different weights.

Which parcel is the lightest?

(I) Bravo is heavier than Alpha but lighter than Cargo.

(II) Delta is heavier than Bravo but lighter than Echo.

- 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. 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

Q.24 Water flows out through a circular pipe, whose internal diameter is 2 cm, at the rate of 5 metres per second into a cylindrical tank, the radius of whose base is 100 cm. By how much will the level of water rise in 13 minutes?

- Ans**
- ☐ A. 30 cm
 - ☐ B. 31 cm
 - ☐ C. 40 cm
 - ☒ D. 39 cm

Q.25 If $\sin A = \frac{\sqrt{3}}{7}$, and A is an acute angle, then find the value of $\sqrt{23} \sec A \operatorname{cosec} A$.

- Ans
- ☐ A. $\frac{14\sqrt{3}}{45}$
 - ☐ B. $\frac{14\sqrt{46}}{3}$
 - ☐ C. $\frac{7\sqrt{3}}{4}$
 - ☒ D. $\frac{49\sqrt{6}}{6}$

Q.26 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. G sits second to the left of X. V sits third to the left of G. Only two people sit between H and I when counted from the right of I. F is an immediate neighbour of H. Who sits fourth to the right of W?

- Ans
- ☐ A. V
 - ☐ B. X
 - ☐ C. H
 - ☒ D. F

Q.27 In an election between two candidates, a candidate got 38% of the total votes and lost the election by 28,800 votes. What is the total number of voters?

- Ans
- ☐ A. 122,800
 - ☐ B. 122,000
 - ☒ C. 120,000
 - ☐ D. 124,000

Q.28 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) B T # A M @ * * # € © * C H # N £ H Q £ T O (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. 4
 - ☐ B. 6
 - ☐ C. 3
 - ☐ D. 5

Q.29 Why was the Ghadar Party's revolutionary attempt during World War I largely unsuccessful?

- Ans
- ☐ A. Lack of support from international allies
 - ☐ B. Strong opposition from the Indian National Congress
 - ☒ C. Public apathy towards armed revolution
 - ☐ D. Interception by British intelligence and internal betrayal

Q.30 Select the triad which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

DASH-ASHD-SHDA
GAME-AMEG-MEGA

- Ans
- ☐ A. IRON-RONI-ONRI
 - ☒ B. BALD-ALDB-LDBA
 - ☐ C. FADE-EDAF-DAEF
 - ☐ D. JAIL-LJAI-ILJA

Q.31 On 27 August 2025, which index reported that global consumer confidence remained unchanged for the second consecutive month, remaining stable at -0.1 points?

- Ans**
- ☐ A. UNDP Human Development Index Score
 - ☐ B. J.P.Morgan Global PMI Composite Index
 - ☒ C. Ipsos Global Consumer Confidence Index
 - ☐ D. World Bank Global Findex Database

Q.32 What is the principal destructive force of tropical cyclones on coastlines?

- Ans**
- ☐ A. Continuous rainfall
 - ☐ B. High temperature
 - ☒ C. Storm surge
 - ☐ D. Low atmospheric pressure

Q.33 Why do large cities tend to have a higher proportion of tertiary activities in India?

- Ans**
- ☐ A. Due to lack of primary resources
 - ☐ B. Because of fertile land
 - ☒ C. Due to agglomeration and services demand
 - ☐ D. Because of mining operations

Q.34 Seven boxes A, C, G, H, J, N and R are kept one over the other but not necessarily in the same order.

Only three boxes are kept above N. Only one box is kept between H and N. Only three boxes are kept between H and A. A is kept at some place above N. R is kept immediately below A. C is kept at one of the places above G. J is not kept immediately above or below H.

How many boxes are kept above H?

- Ans**
- ☐ A. 4
 - ☐ B. 2
 - ☐ C. 3
 - ☒ D. 5

Q.35 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 letter-cluster 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. MQO
 - ☐ B. SWU
 - ☒ C. CHE
 - ☐ D. ZDB

Q.36 Which of the following statements with respect to operation twist is/are correct?

1. Operation Twist is a monetary policy of the central banks used to bring down interest rates and control investments in a country.
2. Under this operation, the RBI twisted the yield of government securities to bring liquidity into the markets.
3. This is done by simultaneously buying and selling government securities—both short-term and long-term—through Open Market Operations (OMOs).

Select the correct answer using the codes given below.

- Ans**
- ☒ A. 1, 2 and 3
 - ☐ B. 2 and 3 only
 - ☐ C. 1 and 2 only
 - ☐ D. 1 and 3 only

Q.37 A shopkeeper purchased 42 dozens of articles at the rate of ₹630 per dozen. He sold each one of them at the rate of ₹63. What percentage profit did he make?

- Ans**
- ☐ A. 21%
 - ☐ B. 23%
 - ☒ C. 20%
 - ☐ D. 17%

Q.38 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-FJ
 - ☐ B. WA-ZD
 - ☒ C. YC-BE
 - ☐ D. AE-DH

Q.39 Who among the following is famous for composing kritis known for their contemplative nature and emphasis on capturing the essence of the raga through a slow, richly ornamented style?

- Ans**
- ☐ A. Ramanuja Srinivasani
 - ☐ B. Thyagaraja Iyengar
 - ☐ C. Kumaraswami Kutti
 - ☒ D. Mutthuswami Dikshitar

Q.40 Raghav earns a monthly salary of ₹24,000. He spends ₹7,500 on house rent and ₹3,500 on food and utility bills every month. The remaining amount is his monthly savings. In the month of his birthday, he spends his entire monthly saving on celebrations. Find Raghav's total savings in a year (in ₹).

- Ans**
- ☐ A. 1,45,000
 - ☐ B. 1,36,000
 - ☒ C. 1,43,000
 - ☐ D. 1,38,000

Q.41 Find the mean of the given data (correct to two places of decimal).

Class interval	0-8	8-16	16-24	24-32	32-40	40-48
Frequency	2	4	7	5	3	6

- Ans**
- ☐ A. 21.56
 - ☐ B. 24.38
 - ☐ C. 29.29
 - ☒ D. 26.22

Q.42 What is the purpose of the Punnett square in genetics?

- Ans**
- ☐ A. Determining the phenotype of an individual
 - ☒ B. Predicting the outcomes of genetic crosses
 - ☐ C. Identifying the location of a gene on a chromosome
 - ☐ D. Analysing DNA replication

Q.43 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8134576, which of the following digits will be second from the left in the new number thus formed?

- Ans** ☒ A. 2
☐ B. 6
☐ C. 8
☐ D. 4

Q.44 Anirudh travels 48 km at 12 km/h, 52 km at 13 km/h, and 120 km at 15 km/h. What is his average speed (in km/h)?

- Ans** ☒ A. 13.75
☐ B. 12.5
☐ C. 14.5
☐ D. 15

Q.45 108 is related to 12 following a certain logic. Following the same logic, 234 is related to 26. To which of the following is 198 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. 28
☐ B. 18
☐ C. 34
☒ D. 22

Q.46 In a certain code language,
A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A x 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'

Based on the above, how is T related to G if 'G # N # V + K # T'?

- Ans** ☐ A. Sister's daughter
☒ B. Mother's father
☐ C. Daughter's daughter
☐ D. Mother's sister

Q.47 Which of the following monsoon systems is also known as the retreating monsoon?

- Ans** ☐ A. Advancing Monsoon
☐ B. Western Disturbances
☐ C. Southwest Monsoon
☒ D. Northeast Monsoon

Q.48 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 statement.

Statements:

All liquid is water. All water is juice. Some juices are syrup.

Conclusions:

(I) All liquid is juice.

(II) Some syrups are liquid.

- 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.

Q.49 A shopkeeper professes to sell his goods at a 55% loss but uses a false balance and gains 75%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:

- Ans**
- ☒ A. 253.1 gm
 - ☒ B. 260.7 gm
 - ☒ C. 257.1 gm
 - ☒ D. 258.4 gm

Q.50 Which of the following is the largest solar park in India as of 2025?

- Ans**
- ☒ A. Rewa Solar Park
 - ☒ B. Kurnool Ultra Mega Solar Park
 - ☒ C. Pavagada Solar Park
 - ☒ D. Bhadla Solar Park

Q.51 Majnu Shah is associated with which of the following rebellions?

- Ans**
- ☒ A. Santhal Rebellion
 - ☒ B. Indigo Revolt
 - ☒ C. Fakir–Sannyasi Rebellion
 - ☒ D. Kol Rebellion

Q.52 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 5 : 3 : 7. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹14,000, then out of a total annual profit of ₹55,000, what is the difference between X's and Y's profit?

- Ans**
- ☒ A. ₹1910
 - ☒ B. ₹4465
 - ☒ C. ₹3000
 - ☒ D. ₹3440

Q.53 Ishan has ₹1407 with him. He divides this amount between his two sons, Krish and Veer, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Krish's investment amounts to the same value after 13 years as Veer's investment does after 14 years. How much (in ₹) did Ishan give to Veer?

- Ans**
- ☒ A. 737
 - ☒ B. 520
 - ☒ C. 670
 - ☒ D. 837

Q.54 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 :: ?

: KUC :: VFN : %

- Ans**
- ✓ A. # = DNV % = CMU
 - ✗ B. # = DNV % = CMP
 - ✗ C. # = DUV % = CMU
 - ✗ D. # = DNV % = CNU

Q.55 On the Eve of the 79th Independence Day in 2025, the Indian government unveiled which AI-powered tool to automatically generate structured minutes of meetings (MoMs) from Gram Sabha or other Panchayat meetings' audio/video recordings?

- Ans**
- ✗ A. GramSattva
 - ✓ B. SabhaSaar
 - ✗ C. SabhaSadan
 - ✗ D. GramVivaran

Q.56 The Harappan civilisation primarily sourced its copper from which region?

- Ans**
- ✗ A. Karnataka
 - ✓ B. Rajasthan
 - ✗ C. Tamil Nadu
 - ✗ D. Madhya Pradesh

Q.57 Who was awarded the Player of the Match in the ICC Women's ODI World Cup final in 2025?

- Ans**
- ✗ A. Harmanpreet Kaur
 - ✓ B. Shafali Verma
 - ✗ C. Deepti Sharma
 - ✗ D. Smriti Mandhana

Q.58 Which country led the Talisman Sabre, 2025, military exercise in which India participated?

- Ans**
- ✗ A. Canada
 - ✗ B. Russia
 - ✓ C. Australia
 - ✗ D. United Kingdom

Q.59 Lg is the daughter of Dv. Jq is the daughter of Qb. Pd is the wife of Dv. Qb is the brother of Lg. How is Jq related to Dv?

- Ans**
- ✗ A. Daughter's daughter
 - ✗ B. Son's wife
 - ✗ C. Father's father
 - ✓ D. Son's daughter

Q.60 Select the INCORRECT combination of the books and their respective authors.

- Ans**
- ✗ A. Prithviraj Raso – Chand Bardai
 - ✓ B. Tughlaq Nama – Abul Fazal
 - ✗ C. Gita Govinda – Jayadeva Goswami
 - ✗ D. Baburnama – Babur

Q.61 The power to issue writs for the enforcement of Fundamental Rights is vested in ____ .

Ans ☒ A. Lok Adalat and High Courts

☒ B. District Court and High Courts

☒ C. Session court and High Courts

☒ D. Supreme Court and High Courts

Q.62 The Pradhan Mantri Matsya Sampada Yojana (PMMSY) was launched in which year?

Ans ☒ A. 2020

☒ B. 2022

☒ C. 2016

☒ D. 2018

Q.63 Evaluate: $(-9) - (-56) \div (-14) + (-2) \times 8$

Ans ☒ A. -31

☒ B. -28

☒ C. -32

☒ D. -29

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 ::?

: CGW :: LDM : %

Ans ☒ A. # = BET, % = MFP

☒ B. # = AET, % = MFO

☒ C. # = ADS, % = NEO

☒ D. # = BDT, % = MEP

Q.65 What is the primary material used in the 8th-century CE Kailasanatha Temple at Kanchipuram?

Ans ☒ A. Sandstone

☒ B. Marble

☒ C. Brick

☒ D. Granite

Q.66 Which of the following technological advances enabled the cultivation of heavier, wetter soils in the early Iron Age?

Ans ☒ A. Stone microliths and scrapers

☒ B. Copper sickles and knives

☒ C. Bronze chisels and spades

☒ D. Iron ploughshares and axes

Q.67 Match the following Folk Songs with their Origin States.

Folk Song Origin State

1. Panihari a. West Bengal
2. Khongjom Parba b. Rajasthan
3. Wanawan c. Jammu and Kashmir
4. Baul d. Manipur

Ans ☒ A. 1-c, 2-d, 3-b, 4-a

☒ B. 1-b, 2-d, 3-c, 4-a

☒ C. 1-a, 2-d, 3-b, 4-c

☒ D. 1-d, 2-a, 3-c, 4-b

Q.68 Boyle's law describes the relationship between _____.

- Ans
- ☐ A. Energy And Volume
 - ☐ B. Volume And Temperature
 - ☐ C. Pressure And Temperature
 - ☒ D. Volume And Pressure

Q.69 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.)

8 – 64 – 84 – 252; 12 – 144 – 164 – 492

- Ans
- ☐ A. 9 – 81 – 121 – 423
 - ☐ B. 14 – 256 – 456 – 969
 - ☐ C. 4 – 16 – 46 – 153
 - ☒ D. 5 – 25 – 45 – 135

Q.70 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money double itself in 15 years on simple interest?

- Ans
- ☐ A. 13.34
 - ☒ B. 6.67
 - ☐ C. 4.67
 - ☐ D. 8.67

Q.71 What should come in place of '?' in the given series?

98 100 103 108 115 ?

- Ans
- ☐ A. 128
 - ☒ B. 126
 - ☐ C. 125
 - ☐ D. 127

Q.72 A motorboat has a speed of 25 km/h in still water. It takes 4 hours to cover a distance of 80 km upstream. Find the total time required by the boat to travel the same distance upstream and then return downstream.

- Ans
- ☐ A. 5 hours 30 minutes
 - ☒ B. 6 hours 40 minutes
 - ☐ C. 6 hours 20 minutes
 - ☐ D. 5 hours 42 minutes

Q.73 In December 2025, the PNGRB tariff revamp was expected to cut city gas distribution (CGD) transport costs by how much (in ₹) annually?

- Ans
- ☐ A. 500 crore
 - ☐ B. 2,000 crore
 - ☒ C. 1,000 crore
 - ☐ D. 750 crore

Q.74 A printer receives information from the computer and produces a hard copy on paper. This behavior makes the printer a/an/the:

- Ans**
- ☒ A. Input device
 - ☒ B. Output device
 - ☒ C. Network device
 - ☒ D. Primary memory

Q.75 Which action attracts disqualification of an independent MP under the Anti-Defection Law introduced by the 52nd Constitutional Amendment Act, 1985?

- Ans**
- ☒ A. Supporting a coalition government
 - ☒ B. Joining any political party after their election
 - ☒ C. Voting differently from party whip
 - ☒ D. Remaining neutral during debates

Q.76 Which of the following statements is INCORRECT regarding the Atmiya Sabha?

- Ans**
- ☒ A. The Atmiya Sabha was established in 1824
 - ☒ B. The Atmiya Sabha laid the foundation for the Brahmo Samaj
 - ☒ C. The Atmiya Sabha was established at Calcutta
 - ☒ D. The Atmiya Sabha was founded by Raja Ram Mohan Roy

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 sand is stone. All sand is cement. Some cements are mud.

Conclusions:

(I) Some muds are sand.

(II) Some cements are stone.

- 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.

Q.78 Bell A rings every 18 minutes, bell B rings every 24 minutes and bell C rings every 30 minutes. They all ring together for the first time at 6:30 AM. Find the time at which the bells ring together for the third time.

- Ans**
- ☒ A. 9:30 PM
 - ☒ B. 3:30 PM
 - ☒ C. 6:30 PM
 - ☒ D. 12:30 PM

Q.79 The sum of the squares of two consecutive odd natural numbers is 5002. The sum of the numbers is:

- Ans**
- ☒ A. 112
 - ☒ B. 100
 - ☒ C. 96
 - ☒ D. 110

Q.80 A shopkeeper fixes the marked price of an item 150% above its cost price. What percentage of discount on marked price should be allowed to gain 130%?

- Ans**
- ☒ A. 5%
 - ☒ B. 7%
 - ☒ C. 10%
 - ☒ D. 8%

Q.81 Hemant starts from Point A and drives 22 km towards East. He then takes a right turn, drives 17 km, turns right and drives 31 km. He then takes a right turn and drives 19 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 degrees turns only unless specified)

- Ans**
- ☐ A. 2 km to the North
 - ☐ B. 3 km to the North
 - ☒ C. 2 km to the South
 - ☐ D. 3 km to the South

Q.82 How do you search for files with partial names in Windows 11?

- Ans**
- ☐ A. at the rate @
 - ☐ B. dollar \$
 - ☒ C. asterisk *
 - ☐ D. ampersand &

Q.83 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

STQ 54 NOL 61 IJG 68 DEB 75 ?

- Ans**
- ☒ A. YZW 82
 - ☐ B. YAV 82
 - ☐ C. YDJ 81
 - ☐ D. YYV 81

Q.84 There are 30 members in group A, 72 members in group B and 75 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹434, ₹324 and ₹280, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 326
 - ☐ B. 321
 - ☒ C. 324
 - ☐ D. 323

Q.85 Solve the following system of equations:

$$3x - 4y = 6z - 16$$

$$-4x + y + z = -5$$

$$x = 3y + 2(z - 1)$$

- Ans**
- ☐ A. $x = 3, y = -2, z = 5$
 - ☐ B. $x = 3, y = -2, z = 2$
 - ☒ C. $x = 2, y = -2, z = 5$
 - ☐ D. $x = 2, y = -3, z = 5$

Q.86 Find the mean deviation from the mean for the following data set.
58, 65, 42, 66, 49, 59, 44, 45, 62, 60

- Ans**
- ☐ A. 7
 - ☒ B. 8
 - ☐ C. 7.4
 - ☐ D. 7.7

Q.87 If 15 men working 6 hours a day can complete a work in 20 days, how many days will 18 men working 5 hours a day take to complete the same work?

- Ans**
- ☐ A. 15
 - ☐ B. 24
 - ☐ C. 18
 - ☒ D. 20

Q.88 Two tangents AB and AC are drawn from an external point A to a circle with centre O. If AB = 30 cm and BC = 24 cm, then find the radius of the circle (in cm, rounded off to the nearest integer).

- Ans**
- ☐ A. 11
 - ☐ B. 10
 - ☒ C. 13
 - ☐ D. 12

Q.89 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 only.
(Left) £ 9 2 9 £ # 4 9 8 2 9 © © 7 @ 6 8 € 7 € € # (Right)
How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a number?

- Ans**
- ☒ A. 4
 - ☐ B. 6
 - ☐ C. 5
 - ☐ D. 3

Q.90 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
UBE 14 IPS 28 WDG 42 KRU 56 ?

- Ans**
- ☐ A. XEG 72
 - ☐ B. SDH 72
 - ☒ C. YFI 70
 - ☐ D. VIF 70

Q.91 AB is a chord of a circle with its center at P. C is a point between A and B on the minor arc AB. The tangents to the circle at points A and B intersect at an external point M. If $\angle ACB = 124^\circ$, then find the measure of $\angle AMB$.

- Ans**
- ☐ A. 72°
 - ☐ B. 58°
 - ☐ C. 63°
 - ☒ D. 68°

Q.92 A recipe calls for 3 parts of sugar for every 4 parts of flour. If a baker uses 12 cups of sugar, how many cups of flour does he need to use to maintain the same ratio?

- Ans**
- ☒ A. 16
 - ☐ B. 15
 - ☐ C. 18
 - ☐ D. 14

Q.93 Major storage media, such as CDs and DVDs, use optical technology, while HDDs rely on _____ technology to store bits.

- Ans**
- ☒ A. magnetic field
 - ☐ B. solid-state memory
 - ☐ C. semiconductor chip
 - ☐ D. liquid crystal

Q.94 The average of six consecutive even numbers is 175. What is the smallest of these numbers?

- Ans**
- ☒ A. 170
 - ☐ B. 172
 - ☐ C. 166
 - ☐ D. 168

Q.95 What is the volume (in cm^3) of a hemispherical cauldron with diameter 14 cm? (correct up to two decimal places)
(Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ A. 618.67
 - ☐ B. 781.33
 - ☒ C. 718.67
 - ☐ D. 681.33

Q.96 Two taps can fill a cistern in 4 hours and 37 hours respectively. A third tap can empty it in 37 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans**
- ☒ A. 1
 - ☐ B. 2
 - ☐ C. 4
 - ☐ D. 3

Q.97 Which among the following information is NOT a ground for exemption from disclosure of information under RTI Act, 2005?

- Ans**
- ☐ A. Breach of privilege of Parliament
 - ☐ B. Cabinet papers including records of deliberation
 - ☐ C. Sovereignty and integrity of India
 - ☒ D. Public Interest

Q.98 Which file type is most likely to be classified as a system file in Windows OS?

- Ans**
- ☐ A. .mp3
 - ☐ B. .docx
 - ☒ C. .dll
 - ☐ D. .zip

Q.99 A, B, C, D, E, F and G sit around a circular table, facing the centre. F sits third to the left of C. G sits second to the left of B. C is an immediate neighbour of both A and G. D sits to the immediate right of G. How many people sit between B and C when counted from the right of C?

- Ans**
- ☐ A. 3
 - ☐ B. 1
 - ☐ C. 4
 - ☒ D. 2

Q.100 In which city was the World Conference on Cultural Policies and Sustainable Development – MONDIACULT 2025 held?

- Ans**
- ☐ A. Paris, France
 - ☒ B. Barcelona, Spain
 - ☐ C. Rome, Italy
 - ☐ D. Madrid, Spain



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	17/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 In 2025, who was named FIFA Men's Player of the Year at the FIFA Best Football Awards held in Doha, Qatar?

- Ans ☒ A. Kylian Mbappé
☒ B. Ousmane Dembélé
☒ C. Lionel Messi
☒ D. Erling Haaland

Q.2 FKEP is related to EIBL in a certain way based on the English alphabetical order. In the same way, JMHT is related to IKEP. To which of the following is PQNW related, following the same logic?

- Ans ☒ A. OOLS
☒ B. OQKT
☒ C. OPJS
☒ D. OOKS

Q.3 The marks scored by 100 students in Mathematics examination are given by the following table. Find the mode of this data (up to 2 decimal places).

Marks scored	35 - 44	45 - 54	55 - 64	65 - 74	75 - 84	85 - 94
No. of students	10	20	30	25	10	5

- Ans ☒ A. 61.17
☒ B. 61.67
☒ C. 60.56
☒ D. 55.44

Q.4 Mr. Q travelled 336 km, 925 km and 432 km at a speed of 24 km/hr, 5 km/hr and 12 km/hr, respectively. Find his average speed in km/hr.

- Ans ☒ A. $8\frac{46}{235}$
☒ B. $7\frac{51}{235}$
☒ C. $7\frac{48}{235}$
☒ D. $7\frac{47}{235}$

Q.5 In which year was the Padhe Bharat Badhe Bharat (PBBB) scheme launched?

- Ans
- ☒ A. 2014
 - ☐ B. 2007
 - ☐ C. 2010
 - ☐ D. 2018

Q.6 In a certain code language, 'LIME' is coded as '4839' and 'TIME' is coded as '9324'. What is the code for 'T' in the given code language?

- Ans
- ☐ A. 4
 - ☐ B. 9
 - ☐ C. 3
 - ☒ D. 2

Q.7 According to Article 243Q, the level of municipality for a transitional area will be designated as a _____.

- Ans
- ☐ A. Municipal Corporation
 - ☐ B. Township
 - ☐ C. Municipal Council
 - ☒ D. Nagar Panchayat

Q.8 What should come in place of '?' in the given series?

7 11 19 31 47 ?

- Ans
- ☒ A. 67
 - ☐ B. 69
 - ☐ C. 63
 - ☐ D. 65

Q.9 Which among the following regions saw the Bundela's uprising in 1842?

- Ans
- ☒ A. Jabalpur
 - ☐ B. Ganjam
 - ☐ C. Vizianagram
 - ☐ D. Saurashtra

Q.10 Which Articles in the Constitution of India deal with citizenship at the time of its commencement?

- Ans
- ☐ A. Articles 14 to 24
 - ☐ B. Articles 1 to 4
 - ☐ C. Articles 12 to 18
 - ☒ D. Articles 5 to 11

Q.11 If the central angle of a sector of a circle with radius 8 units is 45° , then find the length (in units) of the arc forming the sector. (Use $\pi = 22/7$)

- Ans
- ☐ A. $\frac{18}{7}$
 - ☒ B. $\frac{44}{7}$
 - ☐ C. $\frac{22}{7}$
 - ☐ D. $\frac{36}{7}$

Q.12 Pawan starts from Point A and drives 25 km towards North. He then takes a right turn, drives 15 km, turns right and drives 32 km. He then takes a right turn and drives 26 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 degrees turns only unless specified)

- Ans**
- ☐ A. 10 km to the east
 - ☐ B. 11 km to the west
 - ☒ C. 11 km to the east
 - ☐ D. 10 km to the west

Q.13 In November 2025, which company delivered the human-rated Vikas engine to ISRO for the Gaganyaan mission?

- Ans**
- ☐ A. ISRO
 - ☐ B. Bharat Electronics
 - ☒ C. Godrej Aerospace
 - ☐ D. HAL

Q.14 Which pair of keyboard shortcuts is used to quickly copy and paste text?

- Ans**
- ☐ A. Ctrl + F and Ctrl + S
 - ☒ B. Ctrl + C and Ctrl + V
 - ☐ C. Ctrl + F and Ctrl + C
 - ☐ D. Ctrl + Tab and Ctrl + S

Q.15 Where is Recycle Bin located?

- Ans**
- ☒ A. Desktop
 - ☐ B. Taskbar
 - ☐ C. Start Menu
 - ☐ D. Control Panel

Q.16 Which scheme launched in 2000 aims at reducing rural poverty by increasing rural connectivity?

- Ans**
- ☐ A. Swarnajayanti Gram Swarozgar Yojana
 - ☒ B. Pradhan Mantri Gram Sadak Yojana
 - ☐ C. Swarna Jayanti Shahari Rozgar Yojana
 - ☐ D. Bharatmala Pariyojana

Q.17 Which mountain range encompasses the Kashmir, Kangra, and Kullu valleys within the Himalayas?

- Ans**
- ☐ A. Aravalli
 - ☐ B. Great Himalayas
 - ☐ C. Vindhya
 - ☒ D. Lesser Himalayas

Q.18 20% of a number is more than 20% of 620 by 220. The number is:

- Ans**
- ☐ A. 1570
 - ☐ B. 1770
 - ☒ C. 1720
 - ☐ D. 1820

Q.19 Which of the following international bodies oversaw the Treaty on Cybersecurity in October 2025?

- Ans
- ☐ A. NATO
 - ☐ B. UNESCO
 - ☒ C. United Nations
 - ☐ D. World Bank

Q.20 A man bought two types of chocolates, one at ₹8 for 9 chocolates and the other at ₹8 per chocolate. He purchased an equal number of each type and sold all the chocolates at ₹8 per piece. Find his percentage profit.

- Ans
- ☐ A. 78%
 - ☐ B. 84%
 - ☐ C. 82%
 - ☒ D. 80%

Q.21 Which volcano type is also known as a stratovolcano due to its layered structure?

- Ans
- ☐ A. Cinder cone volcano
 - ☒ B. Composite volcano
 - ☐ C. Fissure volcano
 - ☐ D. Shield volcano

Q.22 Which file type is most suitable for storing structured data that can be imported into spreadsheet applications?

- Ans
- ☐ A. .exe
 - ☐ B. .mp4
 - ☒ C. .csv
 - ☐ D. .png

Q.23 The Sattvic diet specifically includes which type of grain?

- Ans
- ☐ A. Polished white rice
 - ☐ B. Highly refined flour
 - ☐ C. Sugary breakfast cereals
 - ☒ D. Red rice and unpolished rice

Q.24 An object is placed between the focus and the pole of a concave mirror. The image formed is _____.

- Ans
- ☐ A. real and upright
 - ☐ B. virtual and inverted
 - ☒ C. virtual and upright
 - ☐ D. real and inverted

Q.25 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 only.

(Left) ^ 5 % 5 \ 6 # + # + 1 6 ? # 6 & 7 & 9 < % (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. Five
 - ☐ B. Four
 - ☒ C. Six
 - ☐ D. Seven

Q.26 The Battle of Wandiwash was fought between:

- Ans
- ☐ A. Portuguese and French
 - ☐ B. British and Portuguese
 - ☒ C. British and French
 - ☐ D. Dutch and Portuguese

Q.27 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. EG-IK
 - ☐ B. JL-NP
 - ☒ C. TU-WX
 - ☐ D. CE-GI

Q.28 MUNI is related to OSPG in a certain way based on the English alphabetical order. In the same way, SDIK is related to UBKI. To which of the following is BZMP related, following the same logic?

- Ans
- ☐ A. DXNQ
 - ☐ B. EYPO
 - ☒ C. DXON
 - ☐ D. CWNM

Q.29 Two taps can fill a cistern in 4 hours and 31 hours respectively. A third tap can empty it in 31 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans
- ☐ A. 2
 - ☐ B. 4
 - ☐ C. 3
 - ☒ D. 1

Q.30 In a certain code language,
A + B means 'A is the sister of B'
A - B means 'A is the husband of B'
A × B means 'A is the mother of B'
A ÷ B means 'A is the father of B'.

Based on the above, how is P related to M if 'P - R × S + T ÷ M'?

- Ans
- ☐ A. Mother's father
 - ☐ B. Father's brother
 - ☐ C. Sister's husband
 - ☒ D. Father's father

Q.31 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?

$$18 A 2 B 5 C 7 D 9 = ?$$

- Ans
- ☐ A. 40
 - ☒ B. 43
 - ☐ C. 42
 - ☐ D. 41

Q.32 Three positive integers a, b, and c satisfy: $\gcd(a, b)=12$, $\gcd(b, c)=18$, $\gcd(c, a)=6$. If $a+b+c=6k$ for some positive integer k, then the minimum possible value of k is:

- Ans
- ☒ A. 11
 - ☐ B. 10
 - ☐ C. 12
 - ☐ D. 9

Q.33 The average of 5 numbers is 20. If one number is excluded, the average of the remaining numbers is 18. What is the excluded number?

- Ans
- ☐ A. 32
 - ☐ B. 25
 - ☒ C. 28
 - ☐ D. 30

Q.34 A data scientist finds that the mean proportional between two experimental values 18 and 32 needs to be increased by 25% for optimal model performance. If this new increased value becomes the mean proportional between 18 and another value y, what is y?

- Ans
- ☐ A. 45
 - ☒ B. 50
 - ☐ C. 54
 - ☐ D. 48

Q.35 Which of the following is not a quadratic equation?

- Ans
- ☒ A. $(x - 1)(x + 2) = x^2 + 3$
 - ☐ B. $x^2 + 2x + 1 = 0$
 - ☐ C. $x(x - 3) = 2$
 - ☐ D. $3x^2 - 5x + 2 = 0$

Q.36 The Rashtrakutas were primarily known for which architectural marvel?

- Ans
- ☒ A. Kailasa Temple at Ellora
 - ☐ B. Sanchi Stupa
 - ☐ C. Brihadeeswara Temple
 - ☐ D. Konark Sun Temple at Konark

Q.37 B, C, N, V, X and Z 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.

N lives on an odd numbered floor but not 5. The sum of floors on which N and Z live is 5. Only 3 people live between Z and X. C lives immediately above V. How many people live below Z?

- Ans
- ☒ A. 1
 - ☐ B. 4
 - ☐ C. 2
 - ☐ D. 3

Q.38 Evaluate: $(-9) - (-56) \div (-14) + (-4) \times 6$

- Ans
- ☐ A. -40
 - ☒ B. -37
 - ☐ C. -36
 - ☐ D. -39

Q.39 There are 42 members in group A, 14 members in group B and 21 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹275, ₹430 and ₹498, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 366
 - ☐ B. 369
 - ☒ C. 364
 - ☐ D. 365

Q.40 After the Government merged 29 labour laws into four Labour Codes in November 2025, the provision permitting women to work in all establishments including night shifts falls under which of the following Codes?

- Ans**
- ☒ A. The Occupational Safety, Health and Working Conditions Code, 2020
 - ☐ B. The Industrial Relations Code, 2020
 - ☐ C. The Code on Wages, 2019
 - ☐ D. The Code on Social Security, 2020

Q.41 Seven people, K, L, M, N, P, Q and R, are sitting around a circular table facing the centre of the table but not necessarily in the same order. Q sits third to the left of N. M sits second to the left of R. N is the immediate neighbour of both L and M. K is not an immediate neighbour of Q. How many people sit between P and M when counted from the right of P?

- Ans**
- ☐ A. One
 - ☐ B. Three
 - ☐ C. Four
 - ☒ D. Two

Q.42 The monthly incomes of A and B are in the ratio 4 : 5, and their monthly expenditures are in the ratio 3 : 4. A saves ₹10,000 while B saves ₹12,000, find the monthly income of A (in ₹)

- Ans**
- ☐ A. 14,000
 - ☒ B. 16,000
 - ☐ C. 15,000
 - ☐ D. 13,000

Q.43 The value of $\left[\frac{0.7^2 - 0.4^2}{0.33} \right]$ is:

- Ans**
- ☐ A. 0.65
 - ☒ B. 1
 - ☐ C. 2
 - ☐ D. 1.5

Q.44 Ashoka was the viceroy of which region under his father Bindusara's reign?

- Ans**
- ☐ A. Patliputra
 - ☐ B. Saurashtra
 - ☐ C. Tosali
 - ☒ D. Ujjain

Q.45 Which Constitutional provision empowers the Government of India to give directions to a State in certain matters?

- Ans**
- ☒ A. Article 256
 - ☐ B. Article 248
 - ☐ C. Article 262
 - ☐ D. Article 265

Q.46 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) L U & P % F A & D \$ # K Q * M Ω Y @ E T * £ R (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. Two
 - ☐ B. One
 - ☐ C. None
 - ☐ D. Three

Q.47 Which Article authorizes the State to make special provisions for the welfare of women and children?

- Ans**
- ☐ A. Article 16(2)
 - ☐ B. Article 23(2)
 - ☐ C. Article 19(5)
 - ☒ D. Article 15(3)

Q.48 Each of F, G, H, L, 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.
G has exam on Friday. Only two people have exams between M and G. Only four people have exams between F and M. N has exam immediately after O. L doesn't have exam on Monday.

How many people have exams between L and H?

- Ans**
- ☐ A. Two
 - ☒ B. Four
 - ☐ C. One
 - ☐ D. Three

Q.49 In a certain code language, 'WEAR' is coded as '8246' and 'CAST' is coded as '3851'. What is the code for 'A' in the given code language?

- Ans**
- ☒ A. 8
 - ☐ B. 3
 - ☐ C. 4
 - ☐ D. 1

Q.50 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.)

(9,11,24)
(15,14,27)

- Ans**
- ☐ A. (18,2,12)
 - ☐ B. (23,1,31)
 - ☒ C. (2,11,31)
 - ☐ D. (26,6,12)

Q.51 In which year was Tamil given the status of classical language by the Constitution of India?

- Ans**
- ☐ A. 2005
 - ☐ B. 2003
 - ☐ C. 2002
 - ☒ D. 2004

Q.52 Manila hemp is found in _____.

- Ans
- ☐ A. Malaysia
 - ☒ B. Philippines
 - ☐ C. Japan
 - ☐ D. Indonesia

Q.53 What was the official theme of National Voters' Day 2026, observed on 25 January across India to recognise voters and promote democratic engagement?

- Ans
- ☐ A. Vote for Democracy
 - ☐ B. Power to the People
 - ☒ C. My India, My Vote
 - ☐ D. Citizen First, Nation Always

Q.54 P sells an item to Q at 30% profit. Q sells the same item to R at 52% loss. If R paid ₹ 3900 for the item, then at what price (in ₹) is the item purchased by P?

- Ans
- ☒ A. 6250
 - ☐ B. 6252
 - ☐ C. 6253
 - ☐ D. 6248

Q.55 Which of the following statements is INCORRECT with respect to Indian socio-political movements and their leaders?

- Ans
- ☒ A. The Home Rule League was founded by Aurobindo Ghosh.
 - ☐ B. The Poona Sarvajanik Sabha was associated with Mahadev Govind Ranade.
 - ☐ C. The Self-Respect Movement was launched by E. V. Ramasamy.
 - ☐ D. The Abhinav Bharat Society was founded by Vinayak Damodar Savarkar.

Q.56 Which university signed a Memorandum of Understanding with the Defence Research and Development Organisation on 22 December 2025 to strengthen collaboration in defence and internal security research?

- Ans
- ☒ A. Rashtriya Raksha University
 - ☐ B. Central University of Police Studies
 - ☐ C. Indian Institute of National Security Studies
 - ☐ D. National Defence University

Q.57 The arithmetic mean of 10 observations is 6 and the sum of nine of the observations is 49. Find the tenth observation.

- Ans
- ☐ A. 9
 - ☐ B. 10
 - ☐ C. 13
 - ☒ D. 11

Q.58 A, B and C together can complete a certain work in 40 days. B and C together can complete the same work in 72 days. B is 50% more efficient than A. A, B and C work together for 16 days. B alone will complete the remaining work in:

- Ans
- ☒ A. 36 days
 - ☐ B. 34 days
 - ☐ C. 38 days
 - ☐ D. 35 days

Q.59 Simplify: $\frac{(4 + 4 \cot^2 A) \tan A}{(3 + 3 \tan^2 A) \operatorname{cosec} A}$

- Ans
- ☒ A. $\frac{4 \sin A}{3}$
 - ☒ B. $\frac{4 \cos A}{3}$
 - ☒ C. $\frac{\sin A}{3}$
 - ☒ D. $\frac{\cos A}{3}$

Q.60 Consider the following pairs.

Article Provision

1. 63 The Vice-President of India
2. 64 The Vice-President to be ex-officio Chairman of the Council of States
3. 65 The Vice-President to act as President during the absence of the President
4. 66 Election of Vice-President

Which of the above pairs is/are correctly matched?

- Ans
- ☒ A. 2, 3 and 4 only
 - ☒ B. 1, 2, 3 and 4
 - ☒ C. 1, 2 and 3 only
 - ☒ D. 1 and 2 only

Q.61 The Preamble primarily serves as which of the following?

- Ans
- ☒ A. A financial guideline
 - ☒ B. A schedule to the Constitution
 - ☒ C. An enforceable part of law
 - ☒ D. A guiding principle for interpretation

Q.62 The speeds of two vehicles are 20 km/h and 45 km/h. Find the mean proportional between the two speeds.

- Ans
- ☒ A. 30 km/h
 - ☒ B. 25 km/h
 - ☒ C. 32 km/h
 - ☒ D. 35 km/h

Q.63 Girish scored 831 marks in an examination and was 72 marks short of 35% of maximum marks. In the same examination, his friend scored 774 marks. What is the percentage of marks scored by his friend?

- Ans
- ☒ A. 28%
 - ☒ B. 34%
 - ☒ C. 30%
 - ☒ D. 32%

Q.64 A circle has a radius of 7 cm. Calculate the length of an arc that subtends a central angle of 240° . (Give your answer in cm, rounded up to two decimal places; Use $\pi = 22/7$)

- Ans
- ☒ A. 27.33 cm
 - ☒ B. 28.67 cm
 - ☒ C. 29.33 cm
 - ☒ D. 31.33 cm

Q.65 What should come in place of '?' in the given series?

81 79 76 71 64 ?

- Ans**
- ☐ A. 54
 - ☒ B. 53
 - ☐ C. 55
 - ☐ D. 51

Q.66 The discovery of the atomic nucleus was made through which experiment?

- Ans**
- ☐ A. Cathode ray experiment
 - ☐ B. Oil drop experiment
 - ☐ C. Canal ray experiment
 - ☒ D. Gold foil experiment

Q.67 Jhunjhunu and Alwar districts are known for the production of which minerals?

- Ans**
- ☒ A. Copper
 - ☐ B. Bauxite
 - ☐ C. Mica
 - ☐ D. Gold

Q.68 What trend is noted in the share of agriculture in GDP from 1950–51 to 2016–17?

- Ans**
- ☐ A. Sharp rise and quick fall
 - ☒ B. Significant reduction
 - ☐ C. Continuous decline with rebounds
 - ☐ D. Moderate growth with fluctuations

Q.69 Ustad Ahmad Lahori is renowned as the chief architect of which UNESCO World Heritage Site?

- Ans**
- ☐ A. Humayun's Tomb, Delhi
 - ☐ B. Fatehpur Sikri, Agra
 - ☒ C. Taj Mahal, Agra
 - ☐ D. Jaisalmer Fort, Rajasthan

Q.70 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 24 years on simple interest?

- Ans**
- ☒ A. 16.67
 - ☐ B. 14.67
 - ☐ C. 33.34
 - ☐ D. 18.67

Q.71 Canary Current occurs in which of the following oceans?

- Ans**
- ☐ A. Southern Ocean
 - ☐ B. Pacific Ocean
 - ☒ C. Atlantic Ocean
 - ☐ D. Indian Ocean

Q.72 Refer to the following letter, number and symbol series and answer the question that follows.
(NOTE: All numbers are single-digit numbers only.)

(Left) @ © € E 8 9 X © 7 6 9 4 S N % \$ 2 © 1 # O N (Right)

If all the numbers are dropped from the series, which of the following will be eighth from the left?

- Ans
- ☒ A. N
 - ☐ B. S
 - ☐ C. @
 - ☐ D. %

Q.73 A chemical engineer designs a cylindrical reaction vessel with inner radius 15 cm and height 40 cm. Inside this vessel, three identical cylindrical cooling tubes (each with radius 4 cm and same height as the vessel) are installed vertically. If the remaining space is filled to 75% capacity with reactive solution, what volume of solution (in liters) does the vessel contain? (Use $\pi = 3.14$) (Round your answer off to two decimal places.)

- Ans
- ☒ A. 16.67 liters
 - ☐ B. 18.15 liters
 - ☐ C. 19.33 liters
 - ☐ D. 17.42 liters

Q.74 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

LUB : OSE
RQH : UOK

- Ans
- ☐ A. KGY : OBC
 - ☐ B. GOQ : LMV
 - ☐ C. KMT : MHV
 - ☒ D. XMN : AKQ

Q.75 Which of the following is correct about Hibernation mode in computers?

- Ans
- ☒ A. Uses minimum power
 - ☐ B. Uses maximum power
 - ☐ C. Uses extreme power
 - ☐ D. Uses supreme power

Q.76 A shopkeeper fixes the marked price of an item 180% above its cost price. What percentage of discount on marked price should be allowed to gain 152%?

- Ans
- ☐ A. 8%
 - ☐ B. 9%
 - ☐ C. 7%
 - ☒ D. 10%

Q.77 World Mental Health Day 2025 (10 October) focused on which theme/campaign message, observed internationally and in India?

- Ans
- ☒ A. Mental health in humanitarian emergencies
 - ☐ B. Mental Health at Work
 - ☐ C. Universal Right to Care
 - ☐ D. Youth and Well-being

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 conclusions logically follow(s) from the statements.

Statements:

All flats are villas. All villas are apartments. Some apartments are buildings.

Conclusions:

(I) All flats are apartments.

(II) Some villas are buildings.

- 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.79 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.)
 $25 - 40 - 65 - 100$; $70 - 85 - 110 - 145$

- Ans**
- ☒ A. $65 - 80 - 105 - 150$
 - ☒ B. $15 - 30 - 65 - 90$
 - ☒ C. $95 - 110 - 130 - 170$
 - ☒ D. $50 - 65 - 90 - 125$

Q.80 Which aspect of Hindu religion is reflected through the Raut Nacha dance form in Chhattisgarh ?

- Ans**
- ☒ A. Legends of Lord Shiva
 - ☒ B. Memories of Lord Krishna
 - ☒ C. Stories of Goddess Parvati
 - ☒ D. Epics of Lord Rama

Q.81 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5267341, which of the following digits will be second from the left end in the new number thus formed?

- Ans**
- ☒ A. 2
 - ☒ B. 0
 - ☒ C. 6
 - ☒ D. 4

Q.82 Amit invested the same sum at simple and compound interest (compounded annually) for 2 years at 4% per annum. The difference between the compound interest and the simple interest is ₹47. Find the sum (in ₹) invested in each case.

- Ans**
- ☒ A. 29,725
 - ☒ B. 29,375
 - ☒ C. 28,625
 - ☒ D. 28,475

Q.83 Which Vedic text, composed around 1000 BCE, contains 1028 hymns dedicated to various deities?

- Ans**
- ☒ A. Sama Veda
 - ☒ B. Yajur Veda
 - ☒ C. Rig Veda
 - ☒ D. Atharva Veda

Q.84 L, M, N, 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 is numbered 6. L lives on an even numbered floor, but not on floor number 4. Only two people live between L and E. D lives on an odd numbered floor, but not on the lowermost floor. Only two people live between D and N. F lives immediately below D. Who lives immediately above M?

- Ans**
- ☒ A. E
 - ☒ B. F
 - ☒ C. D
 - ☒ D. N

Q.85 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 5 trees, L, M, N, T and V each having a different height, which tree is the shortest?

Statements:

(I) N is taller than L.

(II) V is taller than N. M is only shorter than one tree.

- 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. 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

Q.86 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
BWJ 12, YUI 17, VSH 22, SQG 27, ?

- Ans**
- ☒ A. POF 32
 - ☒ B. ROD 32
 - ☒ C. QOE 33
 - ☒ D. PND 32

Q.87 A, B, C, D, E, F and G are sitting around a circular table facing the centre, but not necessarily in the same order. Only two people sit between B and D when counted from the right of B. Only three people sit between E and C when counted from the right of C. D sits to the immediate right of C. F sits to the immediate right of A.

Match each of the persons in Column I to their neighbour to the immediate left in Column II and select the correct answer from the given options.

Column I (Boy)	Column II (Neighbour to his immediate left)
i. G	(W) G
ii. E	(X) D
iii. A	(Y) F
iv. C	(Z) B

- Ans**
- ☒ A. i-Z, ii-Y, iii-X, iv-W
 - ☒ B. i-X, ii-W, iii-Z, iv-Y
 - ☒ C. i-Y, ii-W, iii-Z, iv-X
 - ☒ D. i-W, ii-Y, iii-Z, iv-X

Q.88 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 rabbits are yaks. All yaks are whales. No whale is a shark.

Conclusions:

(I) No rabbit is a shark.

(II) Some whales are rabbits.

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.89 Walking at $\frac{4}{7}$ of his normal speed from his home, Lakshya is 15 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is

Ans ☒ A. 20 minutes

☒ B. 29 minutes

☒ C. 23 minutes

☒ D. 16 minutes

Q.90 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. KFN

☒ B. WUZ

☒ C. MKP

☒ D. ECH

Q.91 The FAO Food Price Index (FFPI), which monitors monthly fluctuations in the global prices of a basket of internationally traded food commodities, averaged how many points in December 2025?

Ans ☒ A. 120.5 points

☒ B. 130.1 points

☒ C. 128.6 points

☒ D. 124.3 points

Q.92 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 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.)

(8, 128, 2)

(9, 243, 3)

Ans ☒ A. (7, 343, 7)

☒ B. (10, 500, 4)

☒ C. (6, 216, 3)

☒ D. (11, 331, 5)

Q.93 Evaluate: $16 + 18 \div 6 - 2 \times 4$

Ans ☒ A. 13

☒ B. 11

☒ C. 14

☒ D. 10

Q.94 Which of the following ports have NOT been identified for Port Modernization and Maritime Infrastructure Expansion under the Maritime Amrit Kaal Vision 2047 (MAKV 2047)?

Ans ☒ A. V.O Chidambaranar Port Authority (Tuticorin)

☒ B. Panaji Port

☒ C. Paradip Port Authority

☒ D. Deendayal Port Authority (Kandla)

Q.95 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
DRJ 50 WKC 45 PDV 40 IWO 35 ?

Ans ☒ A. LEF 30

☒ B. CJE 35

☒ C. BPH 30

☒ D. AJD 32

Q.96 What is the amount of heat per unit mass transferred during change of state of a substance called?

Ans ☒ A. Specific heat

☒ B. Induced heat

☒ C. Latent heat

☒ D. Thermal heat

Q.97 The radius of a solid cylinder is 12 cm, and its height is 25 cm. A three-dimensional sector with a sector angle of 45° is removed from it, all along the height of the cylinder. What is the volume (in cm^3) of the larger piece of the cylinder?

Ans ☒ A. 3150π

☒ B. 3200π

☒ C. 3000π

☒ D. 3250π

Q.98 In a certain code language,
 $X + Y$ means 'X is the husband of Y',
 $X - Y$ means 'X is the mother of Y',
 $X \times Y$ means 'X is the brother of Y' and
 $X \div Y$ means 'X is the father of Y'.

Based on the above information, how is P related to T if ' $P + Q - R \times S \div T$ '?

Ans ☒ A. Father's brother

☒ B. Father's father

☒ C. Mother's brother

☒ D. Mother's father

Q.99 At present, Vanraj is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 58 years, then Vanraj's present age (in years) is:

- Ans
- ☒ A. 42
 - ☐ B. 36
 - ☐ C. 33
 - ☐ D. 45

Q.100 If $x + \frac{1}{18x} = 3$, then the value of $18x^3 + \frac{1}{324x^3}$ is:

- Ans
- ☐ A. 491
 - ☐ B. 431
 - ☐ C. 465
 - ☒ D. 477

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	18/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 There are 9,632 students in a school and the ratio of boys to girls in the school is 17 : 11, then find the number of boys in the school.

Ans ☒ A. 5,848

☐ B. 5,831

☐ C. 5,851

☐ D. 5,828

Q.2 100 men have provisions for 26 days. If 60 men have left, for how many days the same provisions would last for the remaining men?

Ans ☐ A. 67

☐ B. 69

☐ C. 63

☒ D. 65

Q.3 In a certain code language,
A + B means 'A is the sister of B',
A - B means 'A is the husband of B',
A × B means 'A is the mother of B' and
A ÷ B means 'A is the brother of B'.

Based on the above information, how is K related to O if 'K + L - M × N ÷ O'?

Ans ☐ A. Mother's sister

☒ B. Father's sister

☐ C. Father's mother

☐ D. Mother's mother

Q.4 Which report, released at the COP30 summit in 2025, highlights the rapid increase in global methane emissions and the need for urgent action to address climate change?

Ans ☐ A. Global Climate Mitigation Outlook Report 2025

☒ B. Global Methane Status Report 2025

☐ C. International Greenhouse Gas Assessment Report 2025

☐ D. Worldwide Atmospheric Pollution Trends Report 2025

Q.5 Let C be a circle with centre O. Let AB be a tangent to C such that AB touches the circle at point P. Let X and Y be any two points on C. If $\angle APX = 50^\circ$ and $\angle BPY = 60^\circ$, then find $\angle PXY$ and $\angle PYX$, respectively.

- Ans
- ☒ A. $60^\circ, 50^\circ$
 - ☐ B. $50^\circ, 60^\circ$
 - ☐ C. $50^\circ, 130^\circ$
 - ☐ D. $60^\circ, 120^\circ$

Q.6 In a certain code language, 'kids are playing' is coded as 'pu rs bp' and 'people love kids' is coded as 'rs gu xc'. How is 'kids' coded in that language?

- Ans
- ☐ A. xc
 - ☐ B. bp
 - ☐ C. pu
 - ☒ D. rs

Q.7 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 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.)

15, 29
32, 63

- Ans
- ☐ A. 11, 34
 - ☐ B. 14, 44
 - ☒ C. 17, 33
 - ☐ D. 23, 49

Q.8 Which option correctly completes the general word equation for a neutralisation reaction?

Base + Acid $\rightarrow$ _____ + _____

- Ans
- ☒ A. Salt + Water
 - ☐ B. Metal + Carbon Dioxide
 - ☐ C. Metal + Water
 - ☐ D. Salt + Carbon Dioxide

Q.9 What action did the Supreme Court take regarding mining near national parks and wildlife sanctuaries on November 13, 2025?

- Ans
- ☐ A. Reduced protection area to 0.5 km
 - ☒ B. Banned mining activities within one km
 - ☐ C. Permitted mining with restrictions
 - ☐ D. Allowed mining activities anywhere

Q.10 If $34\% \text{ of } 50 - \frac{4}{6} \times \sqrt[3]{512} \times \sqrt{36} = y$, then the value of y is

- Ans
- ☐ A. -18
 - ☒ B. -15
 - ☐ C. -12
 - ☐ D. -10

Q.11 In a certain code language, 'LITE' is coded as '1527' and 'EDIT' is coded as '5124'. What is the code for 'D' in the given code language?

- Ans**
- ☒ A. 4
 - ☐ B. 5
 - ☐ C. 1
 - ☐ D. 2

Q.12 The 68th annual Grammy Awards conducted on 1 February 2026, in Los Angeles, honoured which of the following performers as Best New Artist?

- Ans**
- ☐ A. Leon Thomas
 - ☐ B. Addison Rae
 - ☐ C. Lola Young
 - ☒ D. Olivia Dean

Q.13 A tank is filled by three pipes, P, Q and R, with uniform flow. The first two pipes P and Q, operating simultaneously, fill the tank in the same amount of time that it takes for the tank to be filled by pipe R alone. Pipe Q fills the tank 15 hours faster than the first pipe and 12 hours slower than pipe R. What is the time required by pipe P to fill the tank?

- Ans**
- ☐ A. 32 hours
 - ☒ B. 45 hours
 - ☐ C. 25 hours
 - ☐ D. 47 hours

Q.14 If the Government of India revokes the citizenship of an individual for acting against the interests of the country, which constitutional or statutory provision empowers it to do so?

- Ans**
- ☐ A. Section 6A of the Citizenship Act, 1955
 - ☒ B. Section 10 of the Citizenship Act, 1955
 - ☐ C. Article 5 of the Constitution
 - ☐ D. Article 11 of the Constitution

Q.15 What is the ratio between fourth proportional of 10, 80, 30 and fourth proportional of 7, 28, 19?

- Ans**
- ☐ A. 29:26
 - ☒ B. 60:19
 - ☐ C. 10:7
 - ☐ D. 30:19

Q.16 Which provision in Part II of the Constitution defines one basis for citizenship at the commencement, specifically that the person's either parent was born in India?

- Ans**
- ☐ A. Article 8
 - ☐ B. Article 9
 - ☐ C. Article 6
 - ☒ D. Article 5

Q.17 What did the Tax Reforms Committee recommend for Wealth Tax in 1991?

- Ans**
- ☐ A. rationalisation of property tax
 - ☒ B. abolition of wealth tax
 - ☐ C. restructuring of estate duty
 - ☐ D. removal of gift tax

Q.18 Find the minimum value of the quadratic expression $7x^2 - 7x + 22$.

Ans

☒ A. $\frac{55}{4}$

☒ B. $\frac{81}{4}$

☒ C. $\frac{83}{4}$

☒ D. $\frac{65}{4}$

Q.19 Unlike humans, a computer does not feel tired or bored while repeating the same task all day. This shows which characteristic?

Ans

☒ A. Diligence

☒ B. Intelligence

☒ C. Versatility

☒ D. Speed

Q.20 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:

No elephant is a horse. No horse is a donkey. No horse is a turtle.

Conclusions:

(I) No elephant is a donkey.

(II) Some turtles are donkeys.

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.21 FIBA is related to EJAB in a certain way based on the English alphabetical order. In the same way, ZELU is related to YFKV. To which of the following is COIS related, following the same logic?

Ans

☒ A. BQJV

☒ B. BQGS

☒ C. BOMS

☒ D. BPHT

Q.22 D, E, F, G, S, T and U are sitting around a circular table facing the centre. T sits to the immediate left of S. U sits to the immediate left of D. D sits second to the left of G. E sits third to the left of S. Who sits fourth to the right of F?

Ans

☒ A. S

☒ B. G

☒ C. D

☒ D. T

Q.23 Amir Khusrau, the famous historian, said about a particular language that 'common people do not know it, only the Brahmanas do'. Which of the following languages did the historian talk about?

- Ans**
- ☐ A. Palli
 - ☒ B. Sanskrit
 - ☐ C. Urdu
 - ☐ D. Hindu

Q.24 What is the key difference between extensive and intensive farming systems?

- Ans**
- ☐ A. Irrigation used
 - ☐ B. Size of seed
 - ☐ C. Machinery type
 - ☒ D. Production per land unit

Q.25 Which significant milestone did the Ministry of Environment, Forest and Climate Change announce on World Environment Day 2025 regarding pollution?

- Ans**
- ☐ A. Ban on all single-use plastics nationwide
 - ☐ B. Elimination of non-attainment cities
 - ☐ C. Closure of coal plants
 - ☒ D. Launch of "One Nation, One Mission: End Plastic Pollution"

Q.26 Which layer of the Earth plays the primary role in generating the planet's magnetic field?

- Ans**
- ☐ A. Mantle
 - ☒ B. Outer core
 - ☐ C. Crust
 - ☐ D. Inner core

Q.27 The population of a village was 2,90,000. It increased by 15% in the first year and increased by 25% in the second year. Its population after two years is _____.

- Ans**
- ☐ A. 3,33,500
 - ☐ B. 3,62,500
 - ☒ C. 4,16,875
 - ☐ D. 4,06,000

Q.28 The first E-Lok Adalat was held in which year in India?

- Ans**
- ☐ A. 2016
 - ☒ B. 2020
 - ☐ C. 2012
 - ☐ D. 2014

Q.29 P, Q, R, S, 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, number 2 and so on till the topmost floor is numbered 6.
E lives on floor number 4. Only two people live between E and R. Only P lives between E and Q. S lives immediately below E.
Who lives on floor number 2?

- Ans**
- ☐ A. S
 - ☐ B. Q
 - ☐ C. R
 - ☒ D. F

Q.30 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$57 - 7 \div 119 + 288 \times 2 = ?$$

- Ans**
- ☐ A. 345
 - ☐ B. 311
 - ☐ C. 329
 - ☒ D. 374

Q.31 There are 75 members in group A, 47 members in group B and 15 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹493, ₹397 and ₹465, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☒ A. 457
 - ☐ B. 461
 - ☐ C. 462
 - ☐ D. 455

Q.32 Folk songs of Haryana are commonly known by which of the following names?

- Ans**
- ☒ A. Raganis
 - ☐ B. Baul
 - ☐ C. Bhand
 - ☐ D. Bihu

Q.33 Girish scored 416 marks in an examination and was 79 marks short of 33% of maximum marks. In the same examination, his friend scored 555 marks. What is the percentage of marks scored by his friend?

- Ans**
- ☐ A. 39%
 - ☒ B. 37%
 - ☐ C. 38%
 - ☐ D. 36%

Q.34 Who initiated a major archaeological or scientific study related to the Harappan site of Rakhigarhi in 2013?

- Ans**
- ☐ A. Amrendra Nath
 - ☐ B. R.S. Bisht
 - ☒ C. Vasant Shinde
 - ☐ D. B.B. Lal

Q.35 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

DCE 19 FEG 14 HGI 9 JIK 4 ?

- Ans**
- ☒ A. LKM -1
 - ☐ B. LPU -2
 - ☐ C. LJL -2
 - ☐ D. LLL -1

Q.36 Refer to the following number and symbol series and answer the question that follows.
All numbers are single-digit numbers only.

(Left) 7 8 @ 1 # 4 \$ 5 % + ? 8 & 6 % 4 8 9 % (Right)

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

- Ans
- ☒ A. 4
 - ☐ B. 9
 - ☐ C. 8
 - ☐ D. 6

Q.37 If $x + \frac{1}{x} = -3$, find the value of $x^3 + \frac{1}{x^3}$.

- Ans
- ☐ A. 0
 - ☒ B. -18
 - ☐ C. -3
 - ☐ D. 9

Q.38 Which of the following themes guided global campaigns for World Polio Day 2025?

- Ans
- ☐ A. Immunization for All Ages across the country
 - ☒ B. End Polio: Every Child, Every Vaccine, Everywhere
 - ☐ C. Protecting Children from Diseases, all at once
 - ☐ D. Vaccines for a Healthy Child and Healthy Future

Q.39 GOAT is related to IQCV in a certain way based on the English alphabetical order. In the same way, OWIB is related to QYKD. To which of the following options is UCOH related, following the same logic?

- Ans
- ☐ A. WERT
 - ☐ B. WJQE
 - ☒ C. WEQJ
 - ☐ D. QJYU

Q.40 Which plant tissue is responsible for transporting water from the roots to the leaves?

- Ans
- ☐ A. Cortex
 - ☐ B. Epidermis
 - ☒ C. Xylem
 - ☐ D. Phloem

Q.41 Consider the following statements regarding the 74th Amendment Act of 1992.

1. It has added a new Part IX-A to the Constitution of India.
 2. The Act has also added a new 10th Schedule to the Constitution.
 3. The Act provides for the constitution of three types of municipalities in every state.
 4. It consists of provisions from Articles 243-P to 243-ZG.
- Which of the above statements are correct?

- Ans
- ☒ A. 1, 3, and 4 only
 - ☐ B. 1, 2, and 3 only
 - ☐ C. 2 and 4 only
 - ☐ D. 2 and 3 only

Q.42 Which Chalukya ruler defeated Harshavardhana on the banks of the Narmada?

- Ans
- ☐ A. Vikramaditya I
 - ☐ B. Mangalesha
 - ☐ C. Kirtivarman I
 - ☒ D. Pulakesin II

Q.43 As of May 2025, which Indian Union Ministry does Piyush Goyal administer?

- Ans
- ☒ A. Ministry of Skill Development and Entrepreneurship
 - ☒ B. Ministry of Commerce and Industry
 - ☒ C. Ministry of Corporate Affairs
 - ☒ D. Ministry of Labour and Employment

Q.44 Two automated lab machines start a calibration cycle at the same time.
Machine A completes one cycle every **12 minutes**.
Machine B completes one cycle every **18 minutes**.
After how many minutes will **both machines complete a cycle together again**?

- Ans
- ☒ A. 48
 - ☒ B. 24
 - ☒ C. 30
 - ☒ D. 36

Q.45 JELU is related to NHNV in a certain way based on the English alphabetical order. In the same way, BGMQ is related to FJOR. To which of the following is GKNP related, following the same logic?

- Ans
- ☒ A. KNPQ
 - ☒ B. HMNQ
 - ☒ C. LOQQ
 - ☒ D. JMOQ

Q.46 What is the diameter of a circle if the numerical value of its area is equal to twice the numerical value of its perimeter?

- Ans
- ☒ A. 6 units
 - ☒ B. 8 units
 - ☒ C. 4 units
 - ☒ D. 2 units

Q.47 Kartik has ₹1407 with him. He divides this amount between his two sons, Ishan and Krish, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Ishan's investment amounts to the same value after 11 years as Krish's investment does after 12 years. How much (in ₹) did Kartik give to Krish?

- Ans
- ☒ A. 670
 - ☒ B. 837
 - ☒ C. 520
 - ☒ D. 737

Q.48 Each of the digits in the number 1847536 is arranged in the 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. Two
 - ☒ C. None
 - ☒ D. One

Q.49 Which temple's garbhagriha houses a Chaturmukha (four-faced) Vishnu image?

- Ans
- ☒ A. Lakshmana Temple, Khajuraho
 - ☒ B. Meenakshi Temple, Madurai
 - ☒ C. Brihadiswara Temple, Thanjavur
 - ☒ D. Dashavatara Temple, Deogarh

Q.50 A solid is composed of a cube surmounted by a cuboid. The edge of the cube is x cm. The cuboid placed on top has a square base exactly fitting the top face of the cube, and its height is $(x - 4)$ cm. If the total volume of the solid is 1.5 times the volume of the cube, what is the value of x ?

- Ans
- ☒ A. 6
 - ☒ B. 8
 - ☒ C. 7
 - ☒ D. 5

Q.51 M, N, O, P, 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 is numbered 6. E lives on the topmost floor. Only three people live between E and M. O lives on a floor below M. N lives on an even-numbered floor. P lives on an odd-numbered floor but not on floor number 5. How many people live between F and M?

- Ans
- ☒ A. Two
 - ☒ B. Three
 - ☒ C. Four
 - ☒ D. One

Q.52 Mr. X travelled 810 km, 492 km and 988 km at a speed of 30 km/hr, 12 km/hr and 38 km/hr, respectively. Find his average speed in km/hr.

- Ans
- ☒ A. $24\frac{18}{47}$
 - ☒ B. $24\frac{17}{47}$
 - ☒ C. $25\frac{20}{47}$
 - ☒ D. $24\frac{16}{47}$

Q.53 In 2025, which England cricketer was formally knighted during an investiture ceremony held at Windsor Castle on 28 October?

- Ans
- ☒ A. Stuart Broad
 - ☒ B. James Anderson
 - ☒ C. Alastair Cook
 - ☒ D. Joe Root

Q.54 The total surface area of a solid hemisphere is 272 cm^2 . Its radius (in cm) is:

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

- Ans
- ☒ A. $\sqrt{\frac{962}{33}}$
 - ☒ B. $\sqrt{\frac{968}{33}}$
 - ☒ C. $\sqrt{\frac{952}{33}}$
 - ☒ D. $\sqrt{\frac{946}{33}}$

Q.55 A dealer buys two articles X and Y for ₹500 each. He marks each of them at the same price. He sells X by giving two successive discounts of 20% and 45% and still earns ₹636 as profit. If he sells Y at a single discount of 67%, then what is the profit percentage on Y?

- Ans**
- ☐ A. 69.4%
 - ☐ B. 69%
 - ☐ C. 70%
 - ☒ D. 70.4%

Q.56 A shopkeeper purchased 47 dozens of articles at the rate of ₹480 per dozen. He sold each one of them at the rate of ₹78. What percentage profit did he make?

- Ans**
- ☐ A. 92%
 - ☐ B. 93%
 - ☐ C. 98%
 - ☒ D. 95%

Q.57 As per Census of 2011, which of the following states is least densely populated?

- Ans**
- ☒ A. Arunachal Pradesh
 - ☐ B. Assam
 - ☐ C. Mizoram
 - ☐ D. Rajasthan

Q.58 Walking at $\frac{3}{7}$ of his normal speed from his home, Lakshya is 20 minutes late in reaching his office.
The usual time taken by him to cover the distance between his home and his office is

- Ans**
- ☐ A. 13 minutes
 - ☐ B. 11 minutes
 - ☒ C. 15 minutes
 - ☐ D. 5 minutes

Q.59 The following table shows the distribution of marks obtained by students in a test.

Marks Range	0-10	10-20	20-30	30-40	40-50
Number of Students	5	12	18	25	10

Find the mode. (Round off to two decimal places.)

- Ans**
- ☐ A. 32.56
 - ☐ B. 33.65
 - ☒ C. 33.18
 - ☐ D. 32.84

Q.60 Which type of soil is most suitable for cotton cultivation in India?

- Ans**
- ☐ A. Laterite soil
 - ☐ B. Red soil
 - ☒ C. Black soil
 - ☐ D. Alluvial soil

Q.61 In which year did the Union Cabinet approve the Employment Linked Incentive (ELI) Scheme, named as 'Pradhan Mantri Viksit Bharat Rozgar Yojana'?

- Ans**
- ☒ A. 2025
 - ☐ B. 2021
 - ☐ C. 2018
 - ☐ D. 2015

Q.62 Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. V sits fourth to the left of G. Only three people sit between F and I when counted from the right of I. H sits to the immediate right of F. W is an immediate neighbour of I as well as V. Who sits third to the left of U?

- Ans**
- ☒ A. W
 - ☒ B. I
 - ☒ C. V
 - ☒ D. G

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. FI-JM
 - ☒ B. LO-NQ
 - ☒ C. RU-TW
 - ☒ D. DG-FI

Q.64 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 sister of B'
A ÷ B means 'A is the mother of B'.

Based on the above, how is R related to F if 'R – P + S × N ÷ F'?

- Ans**
- ☒ A. Sister
 - ☒ B. Mother's mother
 - ☒ C. Father's mother
 - ☒ D. Father's sister

Q.65 What should come in place of '?' in the given series?

91 93 96 101 108 ?

- Ans**
- ☒ A. 121
 - ☒ B. 119
 - ☒ C. 117
 - ☒ D. 123

Q.66 According to GFRA 2025, what was India's global rank in total forest area?

- Ans**
- ☒ A. 6th
 - ☒ B. 12th
 - ☒ C. 15th
 - ☒ D. 9th

Q.67 Kartikeyan starts from Point A and drives 37 km towards West. He then takes a right turn, drives 26 km, turns right and drives 42 km. He then takes a right turn and drives 47 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. 21 km to the North
 - ☒ B. 20 km to the South
 - ☒ C. 21 km to the South
 - ☒ D. 20 km to the North

Q.68 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:

All vultures are sparrows. Some sparrows are crows. No crow is a pigeon.

Conclusions:

(I) Some vultures are crows.

(II) No sparrow is a pigeon.

- Ans**
- ☐ A. Only conclusion II follows.
 - ☐ B. Only conclusion I follows.
 - ☒ C. Neither conclusion I nor II follows.
 - ☐ D. Both conclusions I and II follow.

Q.69 In Windows 11, a file with the .msi file extension is primarily designed for which specific function?

- Ans**
- ☐ A. Editing raster and vector images
 - ☐ B. Storing formatted Text, Image and Document content
 - ☐ C. Encoding multimedia audio and video streams
 - ☒ D. Executing the installation of software applications

Q.70 The Taiga Type region is best described as which major natural region?

- Ans**
- ☐ A. Cool Temperate Grassland Region
 - ☒ B. Coniferous Forests Region
 - ☐ C. Equatorial Lowland Region
 - ☐ D. Cold Deserts Region

Q.71 The book "Poverty and Un-British Rule in India", which compiled evidence from British official sources to explain India's economic drain, was authored by whom?

- Ans**
- ☐ A. Gopal Krishna Gokhale
 - ☐ B. R. C. Dutt
 - ☒ C. Dadabhai Naoroji
 - ☐ D. M. G. Ranade

Q.72 What should come in place of the question mark (?) in the given series?

23 24 28 37 53 ?

- Ans**
- ☐ A. 82
 - ☐ B. 76
 - ☒ C. 78
 - ☐ D. 80

Q.73 Which of the following social reformers established the 'Bahishkrit Hitakarini Sabha' in 1924?

- Ans**
- ☐ A. Baba Amte
 - ☐ B. Jawaharlal Nehru
 - ☐ C. Jyotirao Phule
 - ☒ D. B R Ambedkar

Q.74 Find the value of m, satisfying equation:

$$\left(\frac{16}{5}\right)^{13} \times \left(\frac{5}{16}\right)^{16} \times \left(\frac{16}{5}\right)^5 = \left(\frac{5}{16}\right)^{6m+16}$$

- Ans
- ☒ A. 9
 - ☒ B. -3
 - ☒ C. -1
 - ☒ D. 6

Q.75 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 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.)
12 – 36 – 51 – 63; 20 – 60 – 75 – 87

- Ans
- ☒ A. 14 – 42 – 57 – 79
 - ☒ B. 25 – 75 – 90 – 102
 - ☒ C. 16 – 48 – 63 – 85
 - ☒ D. 10 – 30 – 55 – 67

Q.76 By selling an article at $\frac{2}{5}$ of its actual selling price, Akash incurs a loss of 24%.

If he sells it at 84% of its actual selling price, then the profit percentage is

- Ans
- ☒ A. 59.6%
 - ☒ B. 58.3%
 - ☒ C. 57.8%
 - ☒ D. 61.6%

Q.77 The Citizenship Amendment Act, 2019, provides citizenship to individuals belonging to which communities if they entered India before 31st December 2014 from Pakistan or Afghanistan or Bangladesh?

- Ans
- ☒ A. Sikh, Christian, Hindu, Jain only
 - ☒ B. Hindu, Sikh, Buddhist, Jain, Parsi, Christian
 - ☒ C. Muslim, Christian, Parsi, Sikh
 - ☒ D. Hindu, Muslim, Jain, Parsi

Q.78 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 22 years on simple interest?

- Ans
- ☒ A. 20.18
 - ☒ B. 18.18
 - ☒ C. 16.18
 - ☒ D. 36.36

Q.79 Each of M, N, O, P, Q, R and S has an flight on a different day of a week starting from Monday and ending on Sunday of the same week. S has flight on third last day of the week. Only two people have flight between R and S. Only four people have flight between R and Q. P has flight immediately after N. M doesn't have flight on Monday. On which day does M have a flight?

- Ans
- ☒ A. Wednesday
 - ☒ B. Sunday
 - ☒ C. Saturday
 - ☒ D. Friday

Q.80 Which battle is regarded as the turning point that led to British political control in Bengal and opened the path for British expansion in India?

- Ans**
- ☒ A. Battle of Plassey
 - ☐ B. Third Carnatic War
 - ☐ C. Battle of Wandiwash
 - ☐ D. Battle of Buxar

Q.81 Which of the following is a characteristic of all living things?

- Ans**
- ☒ A. The ability to reproduce
 - ☐ B. The ability to move
 - ☐ C. The ability to speak
 - ☐ D. The ability to fly

Q.82 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.)

(7,18,39)
(3,19,28)

- Ans**
- ☐ A. (16,3,61)
 - ☒ B. (23,4,73)
 - ☐ C. (4,28,20)
 - ☐ D. (10,5,55)

Q.83 The abbreviation BIOS stands for:

- Ans**
- ☒ A. Basic Input/Output System
 - ☐ B. Binary Input/Output Storage
 - ☐ C. Basic Internal Output Software
 - ☐ D. Board Information Operating Setup

Q.84 If the median of a data is 77.74 less than its mode, then the median of the data exceeds its mean by _____. (Use the empirical formula to find the answer)

- Ans**
- ☐ A. 37.09
 - ☐ B. 44.11
 - ☐ C. 35.13
 - ☒ D. 38.87

Q.85 How many solutions for given three unknowns are possible to satisfy all these equations?

$$\begin{aligned} -3\alpha + 2\beta + -5\gamma &= -14 \\ 2\alpha - 3\beta + 4\gamma &= 10 \\ \alpha + \beta + \gamma &= 4 \end{aligned}$$

- Ans**
- ☐ A. Unique solution
 - ☒ B. Infinite solutions
 - ☐ C. No solution
 - ☐ D. Two solutions

Q.86 If $x = a \sin \theta$ and $y = a \cos \theta$, then find the relation between x, y and a.

- Ans**
- ☐ A. $x^2 - y^2 = -a^2$
 - ☐ B. $x^2 - y^2 = a^2$
 - ☐ C. $x^2 + y^2 = -a^2$
 - ☒ D. $x^2 + y^2 = a^2$

Q.87 Four years ago from now, the average age of Amit, Bharat and Chitra was 36 years. Six years ago from now, the average age of Amit and Bharat was 30 years. What was the age of Chitra three years ago from now?

- Ans**
- ☒ A. 45 years
 - ☐ B. 42 years
 - ☐ C. 40 years
 - ☐ D. 43 years

Q.88 This question is based on the five, three-digit numbers given below.

(Left) 564 487 769 478 546 (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. 10
 - ☐ B. 11
 - ☐ C. 12
 - ☒ D. 14

Q.89 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. PMJ
 - ☐ B. LIF
 - ☒ C. URQ
 - ☐ D. ZWT

Q.90 What is the maximum value that must be assigned to A so that the 8-digit number 588A9792 is divisible by 4?

- Ans**
- ☐ A. 5
 - ☐ B. 7
 - ☐ C. 6
 - ☒ D. 9

Q.91 Which folk music form of Uttar Pradesh is traditionally sung during the monsoon season by women?

- Ans**
- ☒ A. Kajri
 - ☐ B. Bhatiali
 - ☐ C. Lavani
 - ☐ D. Maang

Q.92 Who is credited with the discovery of the electron?

- Ans**
- ☐ A. Albert Einstein
 - ☐ B. Ernest Rutherford
 - ☒ C. J.J. Thomson
 - ☐ D. Marie Curie

Q.93 In December 2025, which existing Act does the Viksit Bharat—Guarantee for Rozgar and Aajeevika Mission (Gramin) (VB—G RAM G) Bill, 2025 seek to replace?

- Ans**
- ☐ A. Life Insurance Corporation Act, 1956
 - ☐ B. Insurance Regulatory and Development Authority Act, 1999
 - ☒ C. Mahatma Gandhi National Rural Employment Guarantee Act, 2005
 - ☐ D. Insurance Act, 1938

Q.94 If 6 machines can manufacture 480 components in 8 hours, how many components can 10 machines manufacture in 12 hours, assuming all machines work at the same constant rate?

- Ans**
- ☒ A. 1200
 - ☐ B. 1000
 - ☐ C. 1440
 - ☐ D. 900

Q.95 What is rural development concerned with?

- Ans**
- ☐ A. Improvement of foreign trade relations
 - ☐ B. Expansion of industrial zones
 - ☒ C. Economic growth and social justice
 - ☐ D. Development of metropolitan areas

Q.96 Which of the following countries serves as India's gateway to the ASEAN region by being the only ASEAN nation sharing a land boundary with India?

- Ans**
- ☐ A. Bhutan
 - ☒ B. Myanmar
 - ☐ C. Nepal
 - ☐ D. Bangladesh

Q.97 This question is based on the five, three-digit numbers given below.
(Left) 412 368 457 283 396 (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 third digit of the highest number is added to the second digit of lowest number ?

- Ans**
- ☐ A. 11
 - ☒ B. 15
 - ☐ C. 13
 - ☐ D. 9

Q.98 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. Anita, Bhavna, Charu, Deepa, and Esha, each scored different marks. Who scored the lowest marks?

- (I) Bhavna scored more than Anita but less than Charu.
(II) Deepa scored more than Anita but less than Bhavna.

- 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.99 Maria wants to manage startup programs and services that run automatically when Windows 11 starts. Which Windows utility provides dedicated "Startup" and "Services" task for this purpose?

- Ans**
- ☐ A. System Restore
 - ☐ B. Windows Defender
 - ☒ C. MSConfig
 - ☐ D. Disk Cleanup

Q.100 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
LEF 11 ATU 22 PIJ 33 EXY 44 ?

- Ans
- ✓ A. TMN 55
 - ✗ B. JDY 56
 - ✗ C. LIE 55
 - ✗ D. KGO 66

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	18/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1	20% of a number is more than 20% of 620 by 170. The number is:
Ans	☒ A. 1470 ☐ B. 1520 ☐ C. 1320 ☐ D. 1570
Q.2	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 the exam on Wednesday. Only three people have exams after R. S has the exam after Q but before P. U has the exam before V but not on Friday. How many people have exams between T and Q?
Ans	☐ A. Two ☒ B. Three ☐ C. One ☐ D. Four
Q.3	Each of the digits in the number 4568923 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. Two ☐ B. One ☐ C. Three ☒ D. None
Q.4	The mean of 80 numbers was found to be 49. If at the time of calculation, two numbers were incorrectly taken as 69 and 74 instead of 92 and 83, then the correct mean is _____.
Ans	☐ A. 48.5 ☐ B. 49.0 ☒ C. 49.4 ☐ D. 46.2

Q.5	Which AI-powered diagnostic model, unveiled by Indian scientists in 2025, analyses cancer at the molecular level to improve classification and treatment outcomes?														
Ans	✔ A. OncoMark AI-powered cancer diagnostic model ✘ B. GeneMap advanced molecular oncology platform ✘ C. BioScan AI-based tumour classification model ✘ D. TumourTrack intelligent cancer analysis system														
Q.6	Which power mode uses the least electricity while maintaining an open session?														
Ans	✔ A. Sleep ✘ B. Standby ✘ C. Hibernate ✘ D. Active mode														
Q.7	What is the value of $(7x + 5y)$, if mean of the following distribution is 55? <table><tr><td>Class</td><td>0-20</td><td>20-40</td><td>40-60</td><td>60-80</td><td>80-100</td><td>Total</td></tr><tr><td>Frequency</td><td>4</td><td>19</td><td>x</td><td>5</td><td>y</td><td>64</td></tr></table>	Class	0-20	20-40	40-60	60-80	80-100	Total	Frequency	4	19	x	5	y	64
Class	0-20	20-40	40-60	60-80	80-100	Total									
Frequency	4	19	x	5	y	64									
Ans	✔ A. 214 ✘ B. 215 ✘ C. 224 ✘ D. 225														
Q.8	There are 48 members in group A, 46 members in group B and 36 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹477, ₹236 and ₹348, respectively. The overall average amount (in ₹) spent per member is:														
Ans	✘ A. 351 ✘ B. 360 ✔ C. 356 ✘ D. 355														
Q.9	What is the main difference between a Cabinet Minister and a Minister of State with independent charge?														
Ans	✘ A. A Minister of State with independent charge does not exercise any significant powers. ✔ B. A Minister of State with independent charge may head a ministry without being under a Cabinet Minister. ✘ C. A Ministry of State is included in Cabinet meetings but does not exercise any significant powers. ✘ D. A Minister of State with independent charge does not hold any specific responsibilities.														
Q.10	Krish has ₹1407 with him. He divides this amount between his two sons, Veer and Nitin, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Veer's investment amounts to the same value after 14 years as Nitin's investment does after 15 years. How much (in ₹) did Krish give to Nitin?														
Ans	✘ A. 837 ✘ B. 737 ✘ C. 520 ✔ D. 670														

Q.11	Two parallel lines, L1 and L2, are cut by a transversal. If one of the interior angles on the same side of the transversal is 70° , what is the measure of the other interior angle on the same side of the transversal?	
Ans	☒ A. 110° ☐ B. 180° ☐ C. 120° ☐ D. 70°	
Q.12	Which of the following regions would you expect has the highest population density based on geographic factors?	
Ans	☒ A. Ganga River basin in India ☐ B. Canadian Arctic tundra ☐ C. Sahara Desert in Africa ☐ D. Amazon rainforest in Brazil	
Q.13	Which tab in the Windows 11 Task Manager allows a user to change the priority of a running application?	
Ans	☒ A. Details ☐ B. Users ☐ C. Startup ☐ D. Performance	
Q.14	Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) @ B & G V 7 N % K U I 3 # € * \$ 7 © U @ Z 5 (Right) If all the symbols are dropped from the series, which of the following will be sixth from the left?	
Ans	☐ A. 3 ☐ B. N ☐ C. U ☒ D. K	
Q.15	Which of the following is not contained in Article 51?	
Ans	☐ A. Just and honourable relations between nations ☐ B. Promotion of international peace and security ☒ C. Protection of forests and wildlife of India ☐ D. Respect for international law and treaty obligations	
Q.16	Which of the following incidents prompted Mahatma Gandhi to withdraw the Non-Cooperation Movement?	
Ans	☐ A. Withdrawal of the Khilafat Movement ☐ B. Suspension of the Rowlatt Act ☒ C. Chauri-Chaura incident ☐ D. Alipore bomb case	

Q.17	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. OCI : SGM QEK : UIO	
Ans	☒ A. THN : XLR ☐ B. LBR : PQL ☐ C. HIR : NDH ☐ D. KGT : NJK	
Q.18	A shopkeeper fixes the marked price of an item 110% above its cost price. What percentage of discount on marked price should be allowed to gain 26%?	
Ans	☐ A. 43% ☐ B. 39% ☐ C. 38% ☒ D. 40%	
Q.19	Which crop variety, highlighted by the National Agri-food Biotechnology Institute (NABI), can withstand flash floods, showcasing climate-resilient biotechnology?	
Ans	☐ A. IR8 Rice ☒ B. Swarna-Sub1 rice ☐ C. Pusa DST Rice 1 ☐ D. DRR Rice 100 (Kamla)	
Q.20	Providing free legal aid under Article 39A indirectly promotes which Preamble objective?	
Ans	☒ A. Justice ☐ B. Sovereignty ☐ C. Republic ☐ D. Secularism	
Q.21	India adopted the United Nations Sustainable Development Goals (SDGs) in which year?	
Ans	☒ A. 2015 ☐ B. 2011 ☐ C. 2012 ☐ D. 1992	
Q.22	Dr. Budhri Tati, named for the Padma Shri in the Padma Awards announced in 2026, is linked to which of the following areas of contribution?	
Ans	☒ A. Social Work ☐ B. Literature and Education ☐ C. Science and Engineering ☐ D. Trade and Industry	
Q.23	What should come in place of '?' in the given series? 325 200 136 109 101 ?	
Ans	☐ A. 101 ☒ B. 100 ☐ C. 102 ☐ D. 104	

Q.24	If $a = \frac{1}{14}$, $b = \frac{1}{14}$ and $c = -\frac{1}{7}$, the value of $a^3 + b^3 + c^3$ is:
Ans	☒ A. $\frac{3}{1372}$
	☒ B. $\frac{1}{1372}$
	☒ C. $\frac{-1}{1372}$
	☒ D. $\frac{-3}{1372}$

Q.25	For what values of k will the equation $x^2 + kx + 361 = 0$ have equal roots?
Ans	☒ A. ± 19
	☒ B. ± 18
	☒ C. ± 38
	☒ D. ± 36

Q.26	In the post-liberalization era, the agricultural marketing system remained inefficient due to which structural factor?
Ans	☒ A. Full deregulation of exports
	☒ B. Uniform E-NAM adoption
	☒ C. Over-corporatization of produce
	☒ D. Weak APMC reform implementation

Q.27	Water is pouring into a cuboidal reservoir at the rate of 70 litres per minute. The volume of the reservoir is 168 m^3 . Find the time (in hours) it will take to fill the reservoir.
Ans	☒ A. 35
	☒ B. 30
	☒ C. 25
	☒ D. 40

Q.28	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? 37 C 32 A 2 D 9 B 2 = ?
Ans	☒ A. 36
	☒ B. 33
	☒ C. 34
	☒ D. 35

Q.29	In an election between two candidates, 86% of the registered voters cast their vote and 20% of the votes polled were found invalid. Winning candidate got 55% of the valid votes and won the election by a margin of 3010 votes. How many voters were registered?
Ans	☒ A. 43750
	☒ B. 43740
	☒ C. 43760
	☒ D. 43770

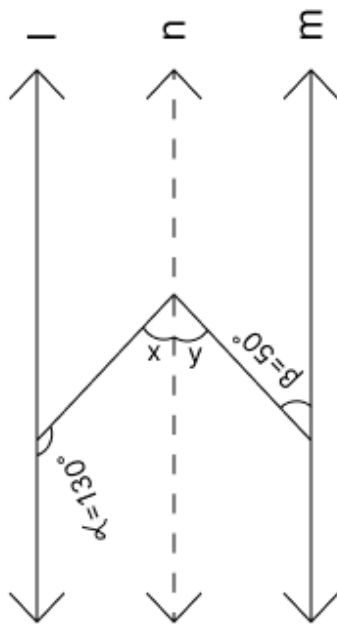
Q.30	Which city hosted the National Games after India's independence in 1948?
Ans	☒ A. Kolkata
	☒ B. Chennai
	☒ C. Lucknow
	☒ D. Delhi
Q.31	Which physical quantity can be zero even when a body is in motion?
Ans	☒ A. Distance
	☒ B. Speed
	☒ C. Displacement
	☒ D. Velocity
Q.32	9 : 81 :: 2.5 : x and 3 : 6 :: 5 : y. What is the ratio of x to y?
Ans	☒ A. 10 : 2
	☒ B. 13 : 14
	☒ C. 9 : 4
	☒ D. 5 : 3
Q.33	FEAR is related to DBWM in a certain way based on the English alphabetical order. In the same way, BYSH is related to ZVOC. To which of the following is XSKX related, following the same logic?
Ans	☒ A. UPGR
	☒ B. UQHT
	☒ C. WOFS
	☒ D. VPGS
Q.34	The T-shaped pillar found in Türkiye in October 2025 is significant for which historical period?
Ans	☒ A. Medieval
	☒ B. Neolithic
	☒ C. Iron Age
	☒ D. Bronze Age
Q.35	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 turtles are rabbits. No rabbit is an eagle. No rabbit is a pig. Conclusions: (I): No turtle is an eagle. (II): Some pigs are eagles.
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.36	In a certain code language, 'HOUR' is coded as '8359' and 'HORN' is coded as '9856'. What is the code for 'N' in the given code language?	
Ans	☒ A. 5	
	☒ B. 6	
	☒ C. 8	
	☒ D. 9	
Q.37	At present, Vanraj is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 73 years, then Vanraj's present age (in years) is:	
Ans	☒ A. 51	
	☒ B. 60	
	☒ C. 53	
	☒ D. 57	
Q.38	The mean proportion of 15 and 72.6 is:	
Ans	☒ A. 33	
	☒ B. 36	
	☒ C. 32	
	☒ D. 28	
Q.39	In a certain code language, 'please drink water' is coded as 'gf sx zr' and 'water is flowing' is coded as 'po vb sx'. How is 'water' coded in the given language?	
Ans	☒ A. zr	
	☒ B. po	
	☒ C. sx	
	☒ D. gf	
Q.40	As per Article 243Y of the Indian Constitution, to whom does the Finance Commission submit its recommendations regarding Municipalities?	
Ans	☒ A. President of India	
	☒ B. Chief Secretary of the State	
	☒ C. State Finance Minister	
	☒ D. Governor of the State	
Q.41	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. DJF	
	☒ B. HNJ	
	☒ C. JPL	
	☒ D. FLG	
Q.42	What is the green pigment found in plants that is essential for capturing light energy during photosynthesis?	
Ans	☒ A. Glucose	
	☒ B. Insulin	
	☒ C. Hemoglobin	
	☒ D. Chlorophyll	

Q.43	What is the primary function of Ctrl + Y in most Windows applications?
Ans	☐ A. Undo the last action
	☐ B. Copy the selected text
	☒ C. Redo the last undone action
	☐ D. Paste the previous item
Q.44	A and B complete a work in 21 days. If A alone can do it in 24 days, then B alone can do three-fourth of the same work in _____ days.
Ans	☐ A. 140
	☒ B. 126
	☐ C. 132
	☐ D. 168
Q.45	Mayonnaise is prepared by the process of:
Ans	☐ A. Oxidation
	☒ B. Emulsification
	☐ C. Maillard reaction
	☐ D. Caramelisation
Q.46	The highest common factor (HCF) of two numbers is one-fifth of the first number and one-third of the second number. The HCF is a two-digit prime number. The HCF of three times the first number and five times the second number is a number which is the product of _____.
Ans	☐ A. five prime numbers
	☐ B. four prime numbers
	☐ C. two prime numbers
	☒ D. three prime numbers
Q.47	Which among following fundamental duties is INCORRECT related towards the protection and promotion of scientific and cultural values?
Ans	☒ A. To safe guard the public property and to abjure violence
	☐ B. To value and preserve the rich heritage of our composite culture.
	☐ C. To develop the scientific temper, humanism and the spirit of inquiry and reform.
	☐ D. To strive towards excellence in all spheres of individual and collective activity.
Q.48	Consider the following statements regarding the Central Administrative Tribunal (CAT) and select which is/are correct. 1. It exercises original jurisdiction in matters related to recruitment and service conditions of public servants. 2. Members of the defence forces, Supreme Court officers, and Parliamentary staff are also covered. 3. Members of CAT are appointed based on the recommendation of a high-powered committee chaired by the Prime Minister.
Ans	☐ A. 1 and 2 only
	☒ B. 1 only
	☐ C. 2 and 3 only
	☐ D. 4 only

Q.49	Which structural change increased competition in the Indian industry after liberalisation?	
Ans	☒ A. Price controls	
	☒ B. Entry of MNCs	
	☒ C. Industrial protection	
	☒ D. Public monopolies	
Q.50	Lv is the daughter of Jy. Fm is the daughter of Nw. Dg is the brother of Lv. Nw is married to Dg. How is Fm related to Jy?	
Ans	☒ A. Son's daughter	
	☒ B. Father's father	
	☒ C. Brother's daughter	
	☒ D. Son's wife	
Q.51	What should come in place of '?' in the given series? 56 58 61 66 73 ?	
Ans	☒ A. 84	
	☒ B. 86	
	☒ C. 85	
	☒ D. 83	
Q.52	By selling an article at $\frac{2}{5}$ of its marked price, Aman incurs a loss of 21%. If he sells it at 56% of its marked price, then the profit percentage is	
Ans	☒ A. 11.6%	
	☒ B. 12.1%	
	☒ C. 10.6%	
	☒ D. 12.8%	
Q.53	In a cricket match, a team needs 300 runs in 50 overs to win. In the first 15 overs, the team scores at an average rate of 5 runs per over. In the next 15 overs, the scoring rate improves to 8 runs per over. In the following 10 overs, the rate drops to 4 runs per over. What should be the run rate per over required in the remaining overs to win the match?	
Ans	☒ A. 6.75 runs per over	
	☒ B. 7.5 runs per over	
	☒ C. 6.5 runs per over	
	☒ D. 6.95 runs per over	
Q.54	What type of activity is tourism classified as?	
Ans	☒ A. Tertiary	
	☒ B. Primary	
	☒ C. Secondary	
	☒ D. Quaternary	

Q.55 In the given figure, lines l, m, and n are parallel to one another. Find the value of $x + y$.



Ans ☒ A. 110°

☒ B. 100°

☒ C. 80°

☒ D. 130°

Q.56 The archaeological site of Langhnaj in Gujarat, known for microlithic tools and evidence of hunting-gathering communities, is associated with which prehistoric cultural phase in India?

Ans ☒ A. Chalcolithic culture

☒ B. Mesolithic culture

☒ C. Palaeolithic culture

☒ D. Neolithic culture

Q.57 Seven boys — A, B, C, D, E, F, and G — are sitting around a circular table facing the centre, but not necessarily in the same order. Only three people sit between D and C when counted from the left of D. Only three people sit between G and B when counted from the right of B. E sits to the immediate right of G. F is an immediate neighbour of both B and C.

Match each boy in Column I to his neighbour to the immediate left in Column II and select the correct answer from the given options.

Column I (Boy)	Column II (Neighbour to his immediate left)
i. B	(W) B
ii. E	(X) C
iii. A	(Y) G
iv. F	(Z) D

Ans ☒ A. i-Z, ii-Y, iii-X, iv-W

☒ B. i-Y, ii-W, iii-Z, iv-X

☒ C. i-X, ii-W, iii-Z, iv-Y

☒ D. i-W, ii-Y, iii-Z, iv-X

Q.58	A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 83 pages?	
Ans	☒ A. 1650	
	☒ B. 1665	
	☒ C. 1660	
	☒ D. 1670	
Q.59	After visiting India and learning about Indian culture, Al-Biruni wrote which book?	
Ans	☒ A. Chahar Maqala	
	☒ B. Babarnama	
	☒ C. Qiran us Sa'dain	
	☒ D. Kitab-UI-Hind	
Q.60	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) @ / 3 & 5 3 9 1 ? % 7 \$ \ % 7 \$ 6 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. One	
	☒ B. Three	
	☒ C. Two	
	☒ D. None	
Q.61	What was the primary measure introduced in the 1991 for unlicensed manufacturing activities in India?	
Ans	☒ A. Project Approval Licence	
	☒ B. Special Economic Filing Certificate	
	☒ C. Industrial Entrepreneurs Memoranda	
	☒ D. Entrepreneurial Clearance Form	
Q.62	What was the central theme of the 11 th World Green Economy Summit held in Dubai in November 2025?	
Ans	☒ A. Innovating for Impact	
	☒ B. Sustainable Future	
	☒ C. Climate Action Now	
	☒ D. Leading with Technology	
Q.63	Simplify: $\frac{4.8 \times 0.36 \times 0.28}{0.08 \times 0.12}$	
Ans	☒ A. 50.8	
	☒ B. 50.4	
	☒ C. 50.6	
	☒ D. 50.2	

Q.64	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: No biscuit is a wafer. No wafer is a candy. No candy is a juice. Conclusions: (I) No biscuit is a candy. (II) No wafer is a juice.	
Ans	☒ A. Both conclusions (I) and (II) follow ☒ B. Only conclusion (II) follows ☒ C. Only conclusion (I) follows ☒ D. Neither conclusion (I) nor (II) follows	
Q.65	Which major mass movement did the Indian National Congress agree to withdraw, under the Gandhi–Irwin Pact of March 1931?	
Ans	☒ A. Swadeshi Movement ☒ B. Civil Disobedience Movement ☒ C. Non Cooperation Movement ☒ D. Quit India Movement	
Q.66	Which 13th-century 1193 CE monument was built by Qutb-ud-din Aibak?	
Ans	☒ A. Red Fort ☒ B. Jama Masjid ☒ C. Qutub Minar ☒ D. Quwwatul Islam Masjid	
Q.67	Evaluate: $(-9) - (-56) \div (-14) + (-2) \times 7$	
Ans	☒ A. -26 ☒ B. -30 ☒ C. -29 ☒ D. -27	
Q.68	Which basin is home to over 10% of known global biodiversity, including many species found nowhere else in the world?	
Ans	☒ A. Mississippi Basin ☒ B. Amazon Basin ☒ C. Danube Basin ☒ D. Nile Basin	
Q.69	Seven people B, C, O, P, Q, R and S are sitting around a circular table facing the center of the table. Only three people sit between B and S, when counted from the left of B. Only two people sit between Q and O when counted from the left of Q. P sits third to the left of C. R is an immediate neighbor of C and O. How many people between B and R when counted from the left of R?	
Ans	☒ A. Three ☒ B. Two ☒ C. One ☒ D. Four	

Q.70	Seven boxes, D, E, F, G, H, I and J are kept one over the other but not necessarily in the same order. D is kept fifth from the bottom. Only two boxes are kept between D and H. I is kept somewhere above D but below E. Only two boxes are placed between G and F. F is not placed at the bottom. Which box is kept third from the bottom?
Ans	☒ A. J ☐ B. H ☐ C. I ☐ D. G
Q.71	12 is related to 66 following a certain logic. Following the same logic, 24 is related to 276. 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. 45 ☐ B. 90 ☐ C. 110 ☐ D. 55
Q.72	Which ocean current is primarily responsible for moderating the climate of Western Europe by transporting warm water from the tropics?
Ans	☒ A. North Atlantic Drift ☐ B. Canary Current ☐ C. Oyashio Current ☐ D. Humboldt Current
Q.73	A hemispherical tank filled with water is being emptied through a pipe at a rate of 115.5 litres per second. If the tank has an internal radius of 31.5 m, determine the time required to drain 50% of the tank's water. (Use $\pi = \frac{22}{7}$)
Ans	☐ A. 75 hours 48 minutes ☐ B. 78 hours 75 minutes ☒ C. 78 hours 45 minutes ☐ D. 78 hours 15 minutes
Q.74	Two trains are moving in opposite directions at speeds of 140 km/hr and 70 km/hr. The length of one train is 350 m. The time taken by them to cross each other is 11 seconds. The length (in m, rounded off to 2 decimal places) of the other train is:
Ans	☐ A. 293.51 ☒ B. 291.67 ☐ C. 288.08 ☐ D. 289.34
Q.75	The stem that undergoes modification, becomes flattened and carries chlorophyll to bear the responsibility of photosynthesis instead of leaf, is termed as _____.
Ans	☒ A. cladode ☐ B. thorn ☐ C. stolon ☐ D. rhizome

Q.76	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 :: ? # : IOJ :: NTO : %	
Ans	☒ A. # = KQJ , % = LRM	
	☒ B. # = KQL , % = LSM	
	☒ C. # = KQL , % = LRM	
	☒ D. # = KQL , % = LRN	
Q.77	Which of the following was a function of the Vaishya class in later Vedic society?	
Ans	☒ A. Ritual specialists	
	☒ B. Subordinated class	
	☒ C. Ruling class	
	☒ D. Producing class	
Q.78	X, Y, Z, 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 number 2 and so on till the topmost floor is numbered 6. Only two people live between T and Y. Only S lives above U. Z lives on an even numbered floor. T lives on the lowermost floor. How many people live between X and T?	
Ans	☒ A. Two	
	☒ B. Four	
	☒ C. Three	
	☒ D. One	
Q.79	Which of the following tabs in Task Manager shows CPU and memory usage graphs?	
Ans	☒ A. Details	
	☒ B. Startup	
	☒ C. Performance	
	☒ D. Users	
Q.80	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? ADF 16 DGI 27 GJL 38 JMO 49 ?	
Ans	☒ A. MPR 60	
	☒ B. MNP 59	
	☒ C. MOQ 59	
	☒ D. MQQ 60	
Q.81	On which of the following National Waterways of India is the floating terminal Farakka situated?	
Ans	☒ A. National Waterways 2	
	☒ B. National Waterways 5	
	☒ C. National Waterways 1	
	☒ D. National Waterways 3	
Q.82	Sushma walked 80 m towards North, took a left turn and walked 30 m. He again took a left turn and walked 80 m. How far and in which direction is he from the starting point? (All turns are 90-degree turns only, unless specified.)	
Ans	☒ A. 70 m, East	
	☒ B. 30 m, West	
	☒ C. 70 m, West	
	☒ D. 60 m, East	

Q.83	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? DAZ 75 XUT 87 RON 99 LIH 111 ?
Ans	☒ A. FDA 123
	☒ B. FOY 122
	☒ C. FBA 122
	☒ D. FCB 123
Q.84	In 2025, which organization released the Global Carbon Budget, providing the most comprehensive annual assessment of global carbon sources, sinks, and emission trends?
Ans	☒ A. Global Carbon Project (GCP)
	☒ B. UN Environment Programme (UNEP)
	☒ C. Intergovernmental Panel on Climate Change (IPCC)
	☒ D. World Meteorological Organization (WMO)
Q.85	A car leaves place Z at 2 PM and moves towards place T which is at a distance of D km at a uniform speed. A bus leaves place T at 3 PM and moves towards place Z at a uniform speed. The speed of car is half of bus. If they meet 04:40 PM at a point which is 184 km away from Z. The value of D is:
Ans	☒ A. 414
	☒ B. 423
	☒ C. 420
	☒ D. 405
Q.86	A vendor bought oranges at the rate of 40 oranges for ₹220, and sold them at ₹98 per dozen. Find his profit or loss percent. (Round off to two decimal places.)
Ans	☒ A. Profit 48.48%
	☒ B. Loss 28.56%
	☒ C. Loss 48.48%
	☒ D. Profit 28.56%
Q.87	Which national park in India has been declared a UNESCO World Heritage since 1987 for its unique mangrove ecosystem?
Ans	☒ A. Kaziranga National Park
	☒ B. Sundarbans National Park
	☒ C. Gir National Park
	☒ D. Jim Corbett National Park
Q.88	Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.) (Left) 8 * 7 ? 5 £ + Ω 1 2 6 \$ = @ & 3 ~ 4 # 9 % (Right) How many such symbols are there, each of which is immediately preceded by an even number but not immediately followed by an odd number?
Ans	☒ A. Three
	☒ B. One
	☒ C. Four
	☒ D. Two
Q.89	In what duration (in years) will ₹6,000 fetch a simple interest of ₹1,080 at 6% per annum rate of interest?
Ans	☒ A. 6
	☒ B. 4
	☒ C. 3
	☒ D. 2

Q.90	Let ABC be a right-angled triangle such that $\angle B = 90^\circ$. If $\tan A = 1$, then find the value of cosec A sec A.
Ans	✗ A. 4 ✓ B. 2 ✗ C. 1 ✗ D. 3
Q.91	What is the main objective of granting classical language status to certain Indian languages?
Ans	✗ A. To replace modern languages in education ✓ B. To promote research and preservation of ancient linguistic heritage ✗ C. To reduce the use of regional languages ✗ D. To make them compulsory official languages
Q.92	The price of each article of type P, Q, and R is ₹280, ₹180 and ₹115, respectively. Rohit buys articles of each type in the ratio 4 : 2 : 7 for ₹6,855. How many articles of type Q did he purchase?
Ans	✗ A. 12 ✓ B. 6 ✗ C. 14 ✗ D. 3
Q.93	Which of the following is INCORRECT about the Rampa Rebellion?
Ans	✗ A. It was led by Alluri Sitarama Raju ✗ B. It was against forest laws and moneylenders ✓ C. It took place in present day Maharashtra ✗ D. It involved the use of guerrilla warfare tactics
Q.94	Evaluate: $16 + 20 \div 5 - 3 \times 3$
Ans	✗ A. 13 ✗ B. 10 ✗ C. 14 ✓ D. 11
Q.95	In the Union Budget of India 2025–26 (presented on 1 February 2025), the Government proposed raising the FDI cap in the insurance sector from 74% to what level (subject to specified conditions)?
Ans	✗ A. 80% ✓ B. 100% ✗ C. 90% ✗ D. 49%
Q.96	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. BFJ ✗ B. SWB ✗ C. KOT ✗ D. GKP

Q.97	48 is related to 192 following a certain logic. Following the same logic, 52 is related to 208. To which of the following is 61 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. 234
	☒ B. 264
	☒ C. 254
	☒ D. 244
Q.98	210 is related to 148 following a certain logic. Following the same logic, 185 is related to 123. To which of the following is 125 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. 66
	☒ B. 71
	☒ C. 61
	☒ D. 63
Q.99	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 5 trees, L, M, N, T and V each having a different height, which tree is the shortest? Statements: (I) L is taller than only two trees. M is shorter than L and T is shorter than M. (II) V 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 1 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. Both statements I and II together are NOT sufficient to answer the question
Q.100	In a certain code language, A + B means 'A is the daughter of B' A - B means 'A is the mother of B' A x B means 'A is the wife of B' A ÷ B means 'A is the father of B' Based on the above, how is G related to M if 'G - R + W ÷ D x M'?
Ans	☒ A. Wife's sister
	☒ B. Wife's mother
	☒ C. Sister
	☒ D. Wife



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	18/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Which of the following rulers built Tughlaqabad Fort in 1321?

Ans ☒ A. Muhammad bin Tughlaq

☒ B. Firoz Shah Tughlaq

☒ C. Ghiyasuddin Tughlaq

☒ D. Alauddin Khalji

Q.2 Each of A, B, C, D, E and F has a badminton match on a different day of a week starting from Monday and ending on Saturday of the same week. C has match on Friday. Only three people have matches between C and F. D has match immediately after E but immediately before B. On which day of the week does E have the match?

Ans ☒ A. Thursday

☒ B. Wednesday

☒ C. Tuesday

☒ D. Monday

Q.3 Which of the following is a similarity between Hindustani and Carnatic music systems?

Ans ☒ A. Use of identical compositions

☒ B. Rejection of Shruti concept

☒ C. Exclusive focus on instrumental music

☒ D. Foundation on Raga and Tala

Q.4 Which of the following scientists proposed the nuclear model of the atom based on the results of the gold foil experiment?

Ans ☒ A. John Dalton

☒ B. Ernest Rutherford

☒ C. Niels Bohr

☒ D. J.J. Thomson

Q.5 In a certain code language, 'BUST' is coded as '3519' and 'LIDS' is coded as '6894'. What is the code for 'S' in that language?

Ans ☒ A. 1

☒ B. 9

☒ C. 4

☒ D. 6

Q.6	What should come in place of the question mark (?) in the given series? 145 141 133 121 105 ?	
Ans	☒ A. 87	
	☒ B. 81	
	☒ C. 83	
	☒ D. 85	
Q.7	Which organization concluded its 46 th summit in Manama, where leaders adopted the Sakhir Declaration, reaffirming their commitment to deeper political, security, and economic integration?	
Ans	☒ A. Organization of Islamic Cooperation (OIC)	
	☒ B. United Nations (UN)	
	☒ C. Gulf Cooperation Council (GCC)	
	☒ D. Arab League	
Q.8	Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete? TRZ 2 RPX 5 PNV 8 NLT 11 ?	
Ans	☒ A. MCA 15	
	☒ B. AFU 14	
	☒ C. KDY 15	
	☒ D. LJR 14	
Q.9	By selling an article at $\frac{3}{10}$ of its actual selling price, Aman incurs a loss of 25%. If he sells it at 77% of its actual selling price, then the profit percentage is:	
Ans	☒ A. 90.6%	
	☒ B. 91.4%	
	☒ C. 92.5%	
	☒ D. 92.6%	
Q.10	What is the average of five consecutive even integers if the smallest integer is 28?	
Ans	☒ A. 33	
	☒ B. 32	
	☒ C. 31	
	☒ D. 30	
Q.11	A user mistakenly turns on the overwrite mode and each new letter replaces the old one in a line. Which key is responsible for toggling between the insert mode and the overwrite mode?	
Ans	☒ A. F5	
	☒ B. Del	
	☒ C. Ins	
	☒ D. Tab	
Q.12	The intermediary that DNA molecules use to communicate with the rest of the cell is the:	
Ans	☒ A. miRNA	
	☒ B. tRNA	
	☒ C. mRNA	
	☒ D. rRNA	

Q.13	A car travels from City A to City B, a distance of 360 km. For the first half of the distance, it travels at a speed of 60 km/h. Due to traffic, it travels the next 120 km at 40 km/h. For the remaining distance, it travels at the same speed as it did for the first half. What is the average speed (in km/h) of the car for the entire trip, correct to two places after decimal?	
Ans	☒ A. 52.43 km/h	
	☒ B. 49.43 km/h	
	☒ C. 51.43 km/h	
	☒ D. 50.43 km/h	
Q.14	The total area covered by the Andaman & Nicobar Islands is approximately:	
Ans	☒ A. 5,163 sq. kms	
	☒ B. 8,249 sq. kms	
	☒ C. 6,249 sq. kms	
	☒ D. 7,567sq. kms	
Q.15	In a certain code language, 'BITE' is coded as '4568' and 'TIME' is coded as '4826'. What is the code for 'M' in the given code language?	
Ans	☒ A. 8	
	☒ B. 4	
	☒ C. 2	
	☒ D. 6	
Q.16	Which of the values of a, b, c given in the options satisfy the following equations? $3a - 4b + 2c = -9$ $-4a + 4b + 10c = 32$ $-a + 2b - 7c = -7$	
Ans	☒ A. (1, 4, 2)	
	☒ B. (2, 1, 4)	
	☒ C. (5, 1, 1)	
	☒ D. (3, 2, 2)	
Q.17	Who among the following was the court poet of the Vardhana ruler, Harsha?	
Ans	☒ A. Banabhatta	
	☒ B. Kalashoka	
	☒ C. Vasumitra	
	☒ D. Harishena	
Q.18	What is the maximum value that must be assigned to A so that the 8-digit number 713A8845 is divisible by 3?	
Ans	☒ A. 9	
	☒ B. 8	
	☒ C. 6	
	☒ D. 7	

Q.19	A cone has a base radius of 6 cm and a height of 7 cm. It is to be filled with water, and for every 180 cc of water poured into the cone, an additional 20 cc of water is spilled while pouring. If the spillage is proportional as described, how much water (in cc) will be required to fill the cone to its brim? (Use $\pi = 22/7$ and give your answer correct to two decimal places.)	
Ans	☒ A. 295.67	
	☒ B. 296.67	
	☒ C. 283.33	
	☒ D. 293.33	
Q.20	Find the value of m, satisfying equation: $\left(\frac{13}{10}\right)^4 \times \left(\frac{10}{13}\right)^{16} \times \left(\frac{13}{10}\right)^{17} = \left(\frac{10}{13}\right)^{3m+18}$	
Ans	☒ A. $-\frac{29}{3}$	
	☒ B. $-\frac{33}{3}$	
	☒ C. $-\frac{24}{3}$	
	☒ D. $-\frac{23}{3}$	
Q.21	What economic system was adopted by India post-1947 to balance the development of different sectors?	
Ans	☒ A. Pure socialism	
	☒ B. Mixed economy	
	☒ C. Command economy	
	☒ D. Pure capitalism	
Q.22	A is the sister of B. C is the brother of D. E is the husband of D. B is the mother of C. How is A related to E?	
Ans	☒ A. Wife's mother	
	☒ B. Wife's mother's sister	
	☒ C. Mother	
	☒ D. Mother's mother	
Q.23	If $\operatorname{cosec} A = \frac{5}{3}$, then find the value of $\frac{9(1 + \cot^2 A)}{80(1 - \sec A)(1 + \sec A)}$.	
Ans	☒ A. $\frac{5}{7}$	
	☒ B. $\frac{-7}{9}$	
	☒ C. $\frac{3}{7}$	
	☒ D. $\frac{-5}{9}$	

Q.24	Kc is the daughter of Cw. Lu is the father of Qk. Ef is the mother of Kc. Qk is the brother of Ef. How is Lu related to Cw?
Ans	✓ A. Wife's father ✗ B. Daughter's husband ✗ C. Wife's brother ✗ D. Sister's daughter
Q.25	Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only. (Left) K { J % I + H = G * F / D : - ! B C ? A # (Right) How many such symbols are there, each of which is immediately preceded by a letter and also immediately followed by another letter?
Ans	✓ A. SEVEN ✗ B. FOUR ✗ C. THREE ✗ D. TWO
Q.26	In which year was the world's first commercial microprocessor, the Intel 4004, launched?
Ans	✗ A. 1985 ✗ B. 1960 ✗ C. 1945 ✓ D. 1971
Q.27	C, D, N, O, P and Q 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. D lives on the floor numbered 1. Only two people live between Q and P. Q lives below C. Only two people live between O and C. Only one person lives between D and C. How many people live above N?
Ans	✓ A. Two ✗ B. Four ✗ C. One ✗ D. Three
Q.28	Which of the following was the capital expenditure (capex) announced for FY 2025-26 in the Union Budget of India?
Ans	✗ A. ₹8 lakh crore ✗ B. ₹10.0 lakh crore ✓ C. ₹11.21 lakh crore ✗ D. ₹13.5 lakh crore
Q.29	63 is related to 159 following a certain logic. Following the same logic, 44 is related to 102. To which of the following is 57 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. 152 ✗ B. 139 ✓ C. 141 ✗ D. 127

Q.30	The area of a square is 8649 cm^2 . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?
Ans	☒ A. 5758
	☒ B. 5716
	☒ C. $5762\sqrt{3}$
	☒ D. $5766\sqrt{3}$

Q.31	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 :: ? # : KUC :: XHP : %
Ans	☒ A. # = EOX % = DNV
	☒ B. # = FOW % = DNV
	☒ C. # = EOW % = DNO
	☒ D. # = EOW % = DNV

Q.32	Which of the following Articles of the Indian Constitution contains the fundamental duties?
Ans	☒ A. Article 51A
	☒ B. Article 31A
	☒ C. Article 61A
	☒ D. Article 41A

Q.33	RILA is related to SKOE in a certain way based on the English alphabetical order. In the same way, KEPO is related to LGSS. To which of the following is MJRT related, following the same logic?
Ans	☒ A. NOYZ
	☒ B. NLUX
	☒ C. NMWX
	☒ D. NKTY

Q.34	In December 2025, which organization issued a Request for Proposal (RfP) to establish 'Space Labs' in universities across India?
Ans	☒ A. Indian Space Research Organisation (ISRO)
	☒ B. Defence Research and Development Organisation (DRDO)
	☒ C. Department of Science and Technology (DST)
	☒ D. Indian National Space Promotion and Authorisation Centre (IN-SPACe)

Q.35	The monthly incomes of two friends Mohan and David, are in the ratio 6 : 7 respectively and each of them saves ₹69,000 every month. If the ratio of their monthly expenditure is 2 : 3, find the monthly income of Mohan (in ₹).
Ans	☒ A. 1,03,500
	☒ B. 1,04,500
	☒ C. 1,44,900
	☒ D. 1,02,500

Q.36	Which Article empowers the President to specify the Scheduled Castes in various states and union territories?
Ans	☒ A. Article 330
	☒ B. Article 341
	☒ C. Article 342
	☒ D. Article 344

Q.37	If the mean proportional of two numbers is 14 and their third proportional is 112, then the numbers are:	
Ans	☒ A. 14,14	
	☒ B. 7,28	
	☒ C. 4,44	
	☒ D. 4,49	
Q.38	According to ____ of the Indian Constitution, the Parliament may by law, constitute a High Court for a Union territory.	
Ans	☒ A. Article 239	
	☒ B. Article 238	
	☒ C. Article 240	
	☒ D. Article 241	
Q.39	A, B, C, D, E, F and G sit around a circular table, facing the centre. Only one person sits between D and B when counted from the left of B. F sits third to the right of E. C sits third to the left of G. F sits to the immediate right of C. A is not an immediate neighbour of C. How many people sit between A and C when counted from the left of A?	
Ans	☒ A. 2	
	☒ B. 1	
	☒ C. 4	
	☒ D. 3	
Q.40	If the diameter of a circle is 14 cm, then what is the circumference of the circle? $\left(\text{Use } \pi = \frac{22}{7} \right)$	
Ans	☒ A. 36 cm	
	☒ B. 44 cm	
	☒ C. 22 cm	
	☒ D. 24 cm	
Q.41	Identify the southernmost atomic/nuclear power station of India from the following options.	
Ans	☒ A. Kudankulam Nuclear Power Station	
	☒ B. Kakrapar Atomic Power Station	
	☒ C. Narora Atomic Power Station	
	☒ D. Madras Atomic Power Station	
Q.42	Which indigenous microprocessor, launched in 2025, marked a milestone in India's technological self-reliance as the country's first 1.0 GHz, 64-bit dual-core processor?	
Ans	☒ A. VEGA-64 indigenous processor	
	☒ B. DHRUV64 microprocessor	
	☒ C. BHARAT-Core 64 microprocessor	
	☒ D. SHAKTI-X64 microprocessor	

Q.43	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: All spoons are forks. All forks are cups. Some spoons are plates. Conclusions: (I) Some forks are plates. (II) Some cups are plates.
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.44	The tropical climatic region is mainly confined to which latitudinal extent of the Earth?
Ans	✓ A. 23.5°N and 23.5°S ✗ B. 30.5°N and 30.5°S ✗ C. 28.5°N and 28.5°S ✗ D. 13.5°N and 13.5°S
Q.45	Why did the Supreme Court consider mining activities near national parks and sanctuaries hazardous according to the November 13, 2025 order?
Ans	✓ A. Because they are dangerous to wildlife ✗ B. Because they increase tourism ✗ C. Because they boost local economy ✗ D. Because they create water sources
Q.46	When a motorcar makes a sharp turn at high speed, we tend to get thrown to one side. Which of the following explains this phenomenon?
Ans	✓ A. The law of inertia causes our body to resist the change in direction. ✗ B. The force of gravity acts in the opposite direction. ✗ C. Change in air pressure inside the car pushes us outwards. ✗ D. The friction between the road and the tires decreases.
Q.47	Evaluate: $(-9) - (-56) \div (-14) + (-2) \times 9$
Ans	✗ A. -33 ✓ B. -31 ✗ C. -30 ✗ D. -34
Q.48	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 caps are helmets. All helmets are hats. No hat is a crown. Conclusions: (I) No cap is a crown. (II) Some hats are caps.
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.

Q.49	If $\angle P$, $\angle Q$, $\angle R$ and $\angle S$ of a quadrilateral PQRS, taken in order, are in the ratio 4:3:7:6, then quadrilateral PQRS will be of which type?
Ans	☒ A. Kite ☒ B. Parallelogram ☒ C. Rhombus ☒ D. Trapezium
Q.50	Two trains, Train A and Train B, are running on parallel tracks in the same direction. Train A, which is 150 metres long, is moving at 72 km/hr, while Train B, which is 120 metres long, is moving at 54 km/hr. How long will it take for Train A to completely overtake Train B?
Ans	☒ A. 58 seconds ☒ B. 50 seconds ☒ C. 54 seconds ☒ D. 52 seconds
Q.51	By which of the following names is the National Institute of Kathak Dance commonly known as?
Ans	☒ A. Natya Institute of Kathak and Choreography ☒ B. Kathak Kendra ☒ C. Kathakali Kendra ☒ D. Lucknow Dance University
Q.52	At what rate (in percentage, rounded off to two decimal place) per year will a sum of money double itself in 18 years on simple interest?
Ans	☒ A. 5.56 ☒ B. 3.56 ☒ C. 11.12 ☒ D. 7.56
Q.53	Refer to the following letter, number and symbol series and answer the question that follows. Counting should be done from left to right only. (Left) S # % 2 S 4 P # Z 4 B 8 5 R € * 8 © J & € N (Right) If all the symbols are dropped from the series, which of the following will be fourth from the left?
Ans	☒ A. P ☒ B. Z ☒ C. 4 ☒ D. 2
Q.54	Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only. (Left) H F G J D J V D K P = % S O C B = % B + # (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. Two ☒ B. None ☒ C. Three ☒ D. One

Q.55	The Indian Constitution empowers the Parliament to make laws on matters in the State List under which of the following circumstances? 1. When the Rajya Sabha passes a resolution to that effect 2. During a National Emergency 3. When states make a request 4. To implement international agreements 5. At the discretion of the Prime Minister
Ans	☒ A. 1, 2, 4, and 5 only
	☒ B. 1, 2, 3, and 5 only
	☒ C. 1, 2, 3, and 4 only
	☒ D. 2, 3, 4, and 5 only
Q.56	Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. F is kept second from the bottom. Only three boxes are kept between F and D. G is kept at one of the positions below F. Only E is kept between D and B. A is kept at one of the positions above D. How many boxes are kept above C?
Ans	☒ A. 4
	☒ B. 2
	☒ C. 3
	☒ D. 1
Q.57	Which of the following social reformers founded the Arya Mahila Samaj to serve the cause of women?
Ans	☒ A. Mehribai Tata
	☒ B. Sarla Devi Chaudhurani
	☒ C. Pandita Ramabai
	☒ D. Tarabai Premchand
Q.58	Two taps can fill a cistern in 4 hours and 28 hours respectively. A third tap can empty it in 28 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?
Ans	☒ A. 2
	☒ B. 4
	☒ C. 3
	☒ D. 1
Q.59	A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 89 pages?
Ans	☒ A. 1770
	☒ B. 1780
	☒ C. 1790
	☒ D. 1785
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. Question: Among 5 trees, L, M, N, T and V each having a different height, which tree is the tallest? Statements: (I) M is taller than V but shorter than N. M is shorter than only one tree. (II) V is taller than T.
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 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. Data in Statement I alone is sufficient to answer the question while data in statement II is not

Q.61	Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete? GCW 10, FAT 16, EYQ 22, DWN 28, ?
Ans	☒ A. CUK 34 ☐ B. CUJ 33 ☐ C. BUL 32 ☐ D. CVM 34
Q.62	GLOW is related to KQRY in a certain way based on the English alphabetical order. In the same way, OVUA is related to SAXC. To which of the following is WFAE related, following the same logic?
Ans	☐ A. CKEG ☐ B. BLCH ☒ C. AKDG ☐ D. ZLEF
Q.63	In December 2025, at which international event did India deliver its National Statement highlighting clean energy progress and Mission LIFE?
Ans	☐ A. G20 Summit ☐ B. World Environment Day 2024 ☐ C. COP26 Climate Summit ☒ D. 7th Session of the United Nations Environment Assembly (UNEA)
Q.64	P sells an item to Q at 50% profit. Q sells the same item to R at 32% loss. If R paid ₹ 5406 for the item, then at what price (in ₹) is the item purchased by P?
Ans	☒ A. 5300 ☐ B. 5301 ☐ C. 5302 ☐ D. 5299
Q.65	Which painting form is known for its monochromatic style using white pigment on mud walls?
Ans	☐ A. Madhubani ☒ B. Warli ☐ C. Gond ☐ D. Pahari
Q.66	Which constitutional amendment reduced the Parliament's approval period for National Emergency from two months to one month?
Ans	☐ A. 38th Amendment Act, 1975 ☐ B. 42nd Amendment Act, 1976 ☐ C. 52nd Amendment Act, 1985 ☒ D. 44th Amendment Act, 1978
Q.67	There are 53 members in group A, 86 members in group B and 57 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹424, ₹337 and ₹122, respectively. The overall average amount (in ₹) spent per member is:
Ans	☐ A. 297 ☒ B. 298 ☐ C. 303 ☐ D. 302

Q.68	When a law passed by a State Legislature clashes with a Parliamentary law on a Concurrent List subject, what is the legal outcome?	
Ans	☒ A. The matter is settled through a ruling by the Supreme Court	
	☒ B. The state legislation automatically overrides the central law	
	☒ C. The central law overrides the state law unless the state law has Presidential assent	
	☒ D. The Parliament is obligated to annul the state law	
Q.69	On November 20, 2025, India signed the Terms of Reference (ToR) to initiate negotiations for a comprehensive Free Trade Agreement with which country?	
Ans	☒ A. Israel	
	☒ B. United Arab Emirates	
	☒ C. Canada	
	☒ D. Australia	
Q.70	Find the mean proportional of 425 and 17.	
Ans	☒ A. 85	
	☒ B. 95	
	☒ C. 75	
	☒ D. 65	
Q.71	Who was popularly known as the 'Payyoli Express' in Indian sports history?	
Ans	☒ A. Shoaib Akhtar	
	☒ B. Leander Paes	
	☒ C. Sania Mirza	
	☒ D. PT Usha	
Q.72	Which of the following is NOT a feature of alluvial soils in India?	
Ans	☒ A. Rich in potash	
	☒ B. Very fertile	
	☒ C. Mainly consists of sand, silt and clay	
	☒ D. Primarily found in the Deccan Plateau	
Q.73	If the mode of a data exceeds its mean by 26.7, then the mode exceeds the median by _____. (Use empirical formula to find the answer)	
Ans	☒ A. 10.5	
	☒ B. 8.5	
	☒ C. 17.8	
	☒ D. 12.4	
Q.74	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. LIF	
	☒ B. XUR	
	☒ C. EVY	
	☒ D. OLI	

Q.75	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. MP-OR
	☒ B. AD-CF
	☒ C. IL-KN
	☒ D. HK-JN
Q.76	If $7 : 63 :: 6.5 : x$ and $7 : 42 :: 4 : y$, then what is the ratio of x to y ?
Ans	☒ A. 43 : 26
	☒ B. 37 : 17
	☒ C. 39 : 16
	☒ D. 40 : 14
Q.77	If 2 is subtracted from each of the digits in the number 3975684 and the resultant digits are then re-arranged in ascending order from left to right, which digit will be fifth from the left end in the new number thus formed?
Ans	☒ A. 4
	☒ B. 2
	☒ C. 3
	☒ D. 5
Q.78	Which of the following is the outcome of Globalization in India's economy?
Ans	☒ A. Outsourcing
	☒ B. Liberalisation
	☒ C. Privatisation
	☒ D. Nationalisation
Q.79	Why is the Paika Rebellion of Odisha regarded as distinct among early anti-colonial uprisings in terms of the social background and traditional functions of its participants?
Ans	☒ A. It depended on support from foreign mercenary forces
	☒ B. It was driven mainly by urban craft guilds and traders
	☒ C. It was organised by large zamindars seeking revenue concessions
	☒ D. It was led by hereditary militia with local administrative roles
Q.80	In which present-day state did the Jungle Mahal Uprising, also known as the Bhumij Revolt, take place?
Ans	☒ A. West Bengal
	☒ B. Odisha
	☒ C. Bihar
	☒ D. Jharkhand
Q.81	Piyush has ₹1407 with him. He divides this amount between his two sons, Manoj and Anand, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Manoj's investment amounts to the same value after 16 years as Anand's investment does after 17 years. How much (in ₹) did Piyush give to Anand?
Ans	☒ A. 520
	☒ B. 737
	☒ C. 670
	☒ D. 837

Q.82	If $a = 7 + 4\sqrt{3}$, then evaluate $(a^3 + \frac{1}{a^3})$.
Ans	☒ A. $1560\sqrt{3}$
	☒ B. -2702
	☒ C. $-1560\sqrt{3}$
	☒ D. 2702
Q.83	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 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) (21, 52, 5) (45, 138, 24)
Ans	☒ A. (17, 55, 11)
	☒ B. (11, 39, 9)
	☒ C. (36, 74, 1)
	☒ D. (41, 117, 18)
Q.84	A shopkeeper fixes the marked price of an item 140% above its cost price. What percentage of discount on marked price should be allowed to gain 68%?
Ans	☒ A. 32%
	☒ B. 28%
	☒ C. 30%
	☒ D. 29%
Q.85	The HCF of two numbers is 6 and their LCM is 72. If one of the numbers is 18, find the other number.
Ans	☒ A. 24
	☒ B. 12
	☒ C. 48
	☒ D. 36
Q.86	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.) $3 - 6 - 7 - 14$; $12 - 24 - 25 - 50$
Ans	☒ A. $25 - 50 - 25 - 35$
	☒ B. $20 - 40 - 41 - 82$
	☒ C. $15 - 30 - 60 - 62$
	☒ D. $11 - 22 - 21 - 42$
Q.87	Which of the following options is closest to the speed of sound in air?
Ans	☒ A. 12000 m/s
	☒ B. 3400 km/s
	☒ C. 340 m/s
	☒ D. 3×10^8 m/s

Q.95	Yeti starts from Point A and drives 48 km towards North. He then takes a right turn, drives 50 km, turns right and drives 54 km. He then takes a right turn and drives 55 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 west ✓ B. 5 km to the east ✗ C. 7 km to the west ✗ D. 4 km to the east
Q.96	_____ is the sophisticated technology used by high-speed scanners (like those in commercial settings or advanced libraries) to capture a very accurate and detailed digital image from a physical document, often used for archival purposes.
Ans	✓ A. Optical Character Recognition (OCR) ✗ B. Magnetic Ink Character Recognition (MICR) ✗ C. Electrostatic Plotting ✗ D. Thermal Printing
Q.97	Find the maximum value of the quadratic expression $Ax^2 + Bx + C = 0$, where $A < 0$.
Ans	✗ A. $\frac{AC - B^2}{4A}$ ✓ B. $\frac{4AC - B^2}{4A}$ ✗ C. $\frac{4AC - B^2}{4}$ ✗ D. $\frac{B^2 - AC}{4A}$
Q.98	What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $47 \div 12 + 164 \times 2 - 135 = ?$
Ans	✗ A. 693 ✗ B. 601 ✓ C. 617 ✗ D. 666
Q.99	What is one direct way in which economic infrastructure contributes to development?
Ans	✗ A. It limits the expansion and growth of physical capital in various sectors ✗ B. It restricts the improvements in human capital affecting labor quality ✗ C. It decreases the overall productivity of all inputs across different sectors ✓ D. The output or the final products of different segments of infrastructure
Q.100	Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only one person sits between P and B when counted from the left of B. Only one person sits between B and R. Only one person sits between P and D. Only two people sit between O and R. Only one person sits between Q and D. Who sits to the immediate right and immediate left of C, respectively?
Ans	✗ A. B and R ✗ B. Q and D ✗ C. P and B ✓ D. P and D

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	19/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 A and B complete a work in 21 days. If A alone can do it in 28 days, then B alone can do three-fourth of the same work in _____ days.

Ans ☒ A. 35

☒ B. 56

☒ C. 63

☒ D. 49

Q.2 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. MIL

☒ B. QMO

☒ C. SOQ

☒ D. OKM

Q.3 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
MPL 79 KNJ 87 ILH 95 GJF 103 ?

Ans ☒ A. EJP 110

☒ B. EIC 111

☒ C. EGC 110

☒ D. EHD 111

Q.4 Girish scored 441 marks in an examination and was 75 marks short of 30% of maximum marks. In the same examination, his friend scored 688 marks. What is the percentage of marks scored by his friend?

Ans ☒ A. 38%

☒ B. 42%

☒ C. 44%

☒ D. 40%

Q.5 Which of the following Articles of the Constitution of India relates to the tenure of the Governor, including serving at the discretion of the President and the method of stepping down from office?

- Ans**
- ☐ A. Article 157
 - ☐ B. Article 155
 - ☐ C. Article 158
 - ☒ D. Article 156

Q.6 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 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.)

(9, 17, 7)
(6, 12, 5)

- Ans**
- ☐ A. (6, 12, 4)
 - ☒ B. (4, 9, 4)
 - ☐ C. (2, 5, 3)
 - ☐ D. (9, 17, 5)

Q.7 _____ is primarily used to focus parallel rays of light.

- Ans**
- ☒ A. Convex lens
 - ☐ B. Cylindrical lens
 - ☐ C. Bifocal lens
 - ☐ D. Concave lens

Q.8 The common root of the equations $x^2 - 21x + 110 = 0$ and $110 + x - x^2 = 0$, is:

- Ans**
- ☒ A. 11
 - ☐ B. 10
 - ☐ C. -11
 - ☐ D. -10

Q.9 The distance between two points on a map is 4 cm. The scale of the map is 1 : 829483. The actual distance between the two points (in km) is:
(Round off your answer to two decimal places.)

- Ans**
- ☐ A. 38.85
 - ☐ B. 33.63
 - ☐ C. 30.25
 - ☒ D. 33.18

Q.10 On 10 November 2025, the Pan American Health Organization (PAHO) stated that the Region of the Americas no longer retained its status of being free from endemic transmission of which of the following diseases?

- Ans**
- ☐ A. Yellow fever
 - ☐ B. Polio
 - ☒ C. Measles
 - ☐ D. Cholera

Q.11 Solve the following system of linear equations:

$$-p + 2q - 3r = -9$$

$$p - 3q + r = 6$$

$$2p - 5q + 5r = 17$$

Ans ☒ A. $p = -1, q = 3, r = 2$

☒ B. $p = 1, q = -1, r = 2$

☒ C. $p = 1, q = 1, r = -2$

☒ D. $p = -1, q = -1, r = 3$

Q.12 Evaluate: $(-9) - (-56) \div (-14) + (-4) \times 8$

Ans ☒ A. -48

☒ B. -47

☒ C. -44

☒ D. -45

Q.13 The Senkaku Islands, recently in the news after a China Coast Guard "rights enforcement patrol," are administered by which country?

Ans ☒ A. China

☒ B. Japan

☒ C. South Korea

☒ D. Taiwan

Q.14 In a certain code language, 'LITE' is coded as '3492' and 'TIME' is coded as '3954'. What is the code for 'M' in the given code language?

Ans ☒ A. 3

☒ B. 4

☒ C. 9

☒ D. 5

Q.15 Seven people, B, C, O, P, Q, R and S, are sitting in a straight line, facing north. Q sits second from the left end of the line. Only two people sit between Q and R. C sits immediately to the right of S. O sits immediately to the left of B. Only one person sits between R and S. How many people sit between P and O?

Ans ☒ A. Three

☒ B. One

☒ C. Two

☒ D. Four

Q.16 If 'A' stands for ' $\div$ ', 'B' stands for ' $\times$ ', 'C' stands for ' $+$ ' and 'D' stands for ' $-$ ', then what will come in place of the question mark (?) in the following equation?

$$19 \text{ D } 54 \text{ A } 6 \text{ C } 4 \text{ B } 2 = ?$$

Ans ☒ A. 16

☒ B. 17

☒ C. 18

☒ D. 14

Q.17 What is the median if the mode of distribution is 48 and the mean is 72?

Ans ☒ A. 62

☒ B. 64

☒ C. 54

☒ D. 60

Q.18 Which Buddhist text, from the 1st century BCE, records the dialogues of the Buddha?

- Ans
- ☐ A. Vinaya Pitaka
 - ☐ B. Abhidhamma Pitaka
 - ☒ C. Sutta Pitaka
 - ☐ D. Jataka Tales

Q.19 The 101st Constitutional Amendment Act of 2016 was related to which of the following?

- Ans
- ☐ A. Introducing the National Judicial Appointments Commission (NJAC)
 - ☐ B. Exchanging enclaves and making other territorial adjustments between India and Bangladesh
 - ☐ C. Appointing a Minister in charge of tribal welfare in the states of Chhattisgarh and Jharkhand
 - ☒ D. Introducing the Goods and Services Tax (GST) in India

Q.20 A, B and C together can complete a certain work in 36 days. B and C together can complete the same work in 48 days. B is 75% more efficient than A. A, B and C work together for 15 days. B alone will complete the remaining work in:

- Ans
- ☒ A. 48 days
 - ☐ B. 51 days
 - ☐ C. 53 days
 - ☐ D. 44 days

Q.21 The number of ordered pair of positive integral solutions (a, b) such that the HCF of a and b is 28 and $a + b = 868$ is

- Ans
- ☐ A. 20
 - ☐ B. 25
 - ☐ C. 15
 - ☒ D. 30

Q.22 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit numbers only.

(Left) \$ 8 6 2 @ \$ # 1 5 # % * 9 7 5 @ 3 # 1 * 4 \$ (Right)

If all the symbols are dropped from the series, which of the following will be sixth from the right?

- Ans
- ☐ A. 5
 - ☒ B. 9
 - ☐ C. 3
 - ☐ D. 7

Q.23 The 'Kudankulam Nuclear Power Plant' is located in which state?

- Ans
- ☒ A. Tamil Nadu
 - ☐ B. Andhra Pradesh
 - ☐ C. Karnataka
 - ☐ D. Kerala

Q.24 The widespread use of which architectural features distinguishes Mughal architecture from earlier trabeate temple construction?

- Ans
- ☐ A. Circular stupas and railings
 - ☒ B. Arches and domes
 - ☐ C. Wooden beams and flat ceilings
 - ☐ D. Corbelled roofs and stepped pyramids

Q.25 What does the term 'Sovereign' in the Indian Constitution's Preamble signify for India?

- Ans
- ☐ A. Religious freedom for all citizens
 - ☐ B. Power to appoint President
 - ☒ C. Independence from external control
 - ☐ D. Policy of non-alignment

Q.26 The volume of a cylindrical tank is 1584 cubic meters. If the height of the tank is 14 m, then find the diameter of the tank. $\left(\text{Use } \pi = \frac{22}{7}\right)$

- Ans
- ☐ A. 6 m
 - ☒ B. 12 m
 - ☐ C. 18 m
 - ☐ D. 9 m

Q.27 A is the wife of D. D has a daughter named X and a son named M. M is married to Y. How is Y related to A?

- Ans
- ☐ A. Son's son
 - ☒ B. Son's wife
 - ☐ C. Daughter's son
 - ☐ D. Father

Q.28 There are 46 members in group A, 15 members in group B and 11 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹496, ₹106 and ₹406, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☐ A. 403
 - ☐ B. 396
 - ☐ C. 399
 - ☒ D. 401

Q.29 Which famous Indian classical singer was awarded the Bharat Ratna in 1998 for her contribution to Carnatic music?

- Ans
- ☒ A. M. S. Subbulakshmi
 - ☐ B. Aruna Sairam
 - ☐ C. Shubha Mudgal
 - ☐ D. Kishori Amonkar

Q.30 If $x + y + z = 10$, $x^2 + y^2 + z^2 = 38$, $5xyz = 150$ and $(xy + yz + zx) = 31$, then what is the value of $2(x^3 + y^3 + z^3)$?

- Ans
- ☐ A. 520
 - ☒ B. 320
 - ☐ C. 260
 - ☐ D. 160

Q.31 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 gorillas are monkeys. Some monkeys are baboons. All baboons are chimpanzees.

Conclusions:

(I) All chimpanzees are monkeys.

(II) Some chimpanzees are gorillas.

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.32 Which of the following gasses is NOT classified as a noble gas?

Ans ☐ A. Argon

☒ B. Oxygen

☐ C. Neon

☐ D. Helium

Q.33 What should come in place of '?' in the given series?

35 37 40 45 52 ?

Ans ☐ A. 65

☐ B. 66

☐ C. 62

☒ D. 63

Q.34 At time $t=0$, a body of mass 1 Kg starts to fall freely from rest from a height of 100 m. Compared to the kinetic energy at 3 seconds, the kinetic energy at 4 seconds _____.

Ans ☐ A. Is smaller

☐ B. Remains same

☒ C. Is larger

☐ D. Is not determinable

Q.35 Which indigenous CAR T-cell therapy, launched in 2025, marked a historic milestone in India's cancer treatment and biotechnology ecosystem?

Ans ☒ A. NexCAR19 indigenous CAR T-cell therapy

☐ B. BharatCAR advanced cellular immunotherapy

☐ C. IndiGene CAR T-cell oncology therapy

☐ D. OncoShakti indigenous gene-based cancer therapy

Q.36 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 :: ?

: KQM :: OUQ : %

Ans ☐ A. # = LRM , % = NTP

☒ B. # = LRN , % = NTP

☐ C. # = LRN , % = NSP

☐ D. # = LRN , % = NTO

Q.37 Behramji Merwanji Malabari, a Parsi social reformer, is credited for his efforts with the legislative enactment related to which of the following social evils?

- Ans
- ☒ A. Child marriage
 - ☐ B. Untouchability
 - ☐ C. Female infanticide
 - ☐ D. Widow burning or sati

Q.38 Which region is known as the “Ring of Fire” due to frequent volcanic activity?

- Ans
- ☐ A. East African Rift
 - ☐ B. Mid Atlantic Ridge
 - ☐ C. Indian Ocean Floor
 - ☒ D. Pacific Ocean Rim

Q.39 Data stored on a hard disk must be transferred to which memory unit before the CPU can access it?

- Ans
- ☐ A. Secondary memory
 - ☐ B. BIOS memory
 - ☐ C. CD-ROM storage
 - ☒ D. Primary memory

Q.40 Bamboo exhibits a specific type of leaf venation and root structure. What are the characteristics of these features?

- Ans
- ☐ A. Reticulate Venation and Fibrous Root
 - ☒ B. Parallel Venation and Fibrous Root
 - ☐ C. Parallel Venation and Tap Root
 - ☐ D. Reticulate Venation and Tap Root

Q.41 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
AIW 8, YGU 14, WES 20, UCQ 26, ?

- Ans
- ☐ A. TAN 33
 - ☒ B. SAO 32
 - ☐ C. RZN 32
 - ☐ D. SZM 32

Q.42 The Supreme Court’s order dated **29 December 2025** was passed in a suo motu matter titled “*In Re: Definition of ____ Hills and Ranges and Ancillary Issues.*” Which hill range is being referred to?

- Ans
- ☒ A. Aravalli Hills and Ranges
 - ☐ B. Satpura Range
 - ☐ C. Vindhya Range
 - ☐ D. Shivalik Hills

Q.43 Which shortcut opens the Properties of the selected item?

- Ans
- ☐ A. Alt+Ctrl
 - ☐ B. Alt+Shift
 - ☐ C. Alt+E
 - ☒ D. Alt+Enter

Q.44 During a sale 35% of the goods are sold at 22% profit, 40% of the remaining goods are sold at 37% profit and the still remaining goods are sold at a loss of 38%. If there is an overall profit of x%, then what is the value of x?

- Ans**
- ☐ A. 10.8
 - ☐ B. 5.4
 - ☒ C. 2.5
 - ☐ D. 6.8

Q.45 The 'Prayaga prashasti' also known as the 'Allahabad pillar' is composed in praise of which of the following rulers?

- Ans**
- ☐ A. Asoka
 - ☐ B. Rudradaman
 - ☒ C. Samudragupta
 - ☐ D. Chandragupta II

Q.46 Subrata gets double the amount in 8 years when invested at compound interest, compounded annually. In how many years will the amount become eight times itself?

- Ans**
- ☒ A. 24
 - ☐ B. 64
 - ☐ C. 32
 - ☐ D. 16

Q.47 Who shared the 'Best Actor in a Comedy Series' award at the Filmfare OTT Awards in December 2025?

- Ans**
- ☒ A. Barun Sobti and Sparsh Shrivastava
 - ☐ B. Sanya Malhotra and Monika Panwar
 - ☐ C. Vinay Pathak and Rahul Bhatt
 - ☐ D. Jaideep Ahlawat and Vikramaditya Motwane

Q.48 In what duration (in years) will ₹8,400 fetch a simple interest of ₹840 at 4% per annum rate of interest?

- Ans**
- ☐ A. 1.5
 - ☒ B. 2.5
 - ☐ C. 3.5
 - ☐ D. 5

Q.49 In a certain code language, 'NICE' is coded as '8246' and 'COST' is coded as '3851'. What is the code for 'C' in the given code language?

- Ans**
- ☐ A. 4
 - ☒ B. 8
 - ☐ C. 5
 - ☐ D. 3

Q.50 Find the value of m, satisfying equation:

$$\left(\frac{17}{4}\right)^9 \times \left(\frac{4}{17}\right)^8 \times \left(\frac{17}{4}\right)^{15} = \left(\frac{4}{17}\right)^{5m+15}$$

Ans

☐ A. $-\frac{39}{5}$

☐ B. $-\frac{40}{5}$

☐ C. $-\frac{32}{5}$

☒ D. $-\frac{31}{5}$

Q.51 Select the triad which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

CLUB-CUBL-ULCB
HANG-HNGA-NAHG

Ans

☒ A. MASK-MSKA-SAMK

☐ B. EARN-ARNE-ENRA

☐ C. NEST-ETNS-TNSE

☐ D. BALD-DLAB-LADB

Q.52 Golu starts from Point A and drives 53 km towards West. He then takes a left turn, drives 50 km, turns left and drives 54 km. He then takes a left turn and drives 60 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. 8 km to the South

☐ B. 12 km to the North

☐ C. 11 km to the North

☒ D. 10 km to the South

Q.53 Which Indian nationalist leader emerged as a prominent figure of the extremist phase of the freedom movement, emphasizing direct action and mass mobilisation?

Ans

☐ A. Surendranath Banerjee

☐ B. Dadabhai Naoroji

☐ C. Gopal Krishna Gokhale

☒ D. Bal Gangadhar Tilak

Q.54 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $95 \div 5 + 378 \times 3 - 161 = ?$

Ans

☐ A. 680

☐ B. 590

☒ C. 510

☐ D. 620

Q.55 By how much (approximately) was the area of Sariska Wildlife Sanctuary expanded in its 2025 update?

Ans

☐ A. ~10,000 hectares

☐ B. ~25,000 hectares

☐ C. ~60,000 hectares

☒ D. ~44,000 hectares

Q.56 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.

DRU : BWS
ZBQ : XGO

- Ans ☒ A. VLM : TQK
☐ B. BCG : WGB
☐ C. CLU : AOS
☐ D. HKD : DNZ

Q.57 A geological survey team has established three research stations forming a triangular monitoring zone. The stations are located at coordinates P(2,5), Q(8,1), and R(4,9) on a coordinate grid where each unit represents 1 kilometer. What is the area of the triangular monitoring zone?

- Ans ☐ A. 10 square kilometers
☐ B. 14 square kilometers
☐ C. 12 square kilometers
☒ D. 16 square kilometers

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 Thursday. T has an exam on one of the days after P and on one of the days before U. Q has an exam on one of the days after R but on one of the days before S. R has an exam on one of the days after V. Who has an exam on Sunday?

- Ans ☐ A. P
☐ B. R
☒ C. S
☐ D. V

Q.59 Which of the following statements is not correct?

- Ans ☒ A. A state legislature can not impose tax on the consumption or sale of electricity.
☐ B. Article 282 empowers both the Centre and the states to make any grants for any public purpose, even if it is not within their respective legislative competence.
☐ C. A state legislature is prohibited from imposing a tax on the supply of goods or services or both where such supply takes place outside the state and where such supply takes place in the course of import or export.
☐ D. A state legislature can impose taxes on professions, trades, callings and employments.

Q.60 Which of the following is an example of System Software?

- Ans ☐ A. Paint
☐ B. Power Point
☒ C. Windows
☐ D. MS Word

Q.61 In a park, there is a flagpole. A person standing 30 m away from the flagpole observes that the angle of elevation of the top of the flagpole is 30° . Determine the height (in metres) of the flagpole.

- Ans ☐ A. $40\sqrt{3}$
☐ B. $20\sqrt{3}$
☒ C. $10\sqrt{3}$
☐ D. $30\sqrt{3}$

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, 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.)
 $12 - 26 - 46 - 70$; $20 - 34 - 54 - 78$

- Ans**
- ☒ A. $25 - 39 - 59 - 83$
 - ☐ B. $28 - 42 - 52 - 76$
 - ☐ C. $34 - 48 - 78 - 102$
 - ☐ D. $15 - 30 - 50 - 74$

Q.63 A, B, C, 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. The product of the floors on which D and B live is 15. A lives immediately above F. The sum of the floors on which C and B live is 7. What is the sum of the floors on which B and F live?

- Ans**
- ☐ A. 6
 - ☒ B. 4
 - ☐ C. 3
 - ☐ D. 5

Q.64 What is the average of 7, 9 and 11?

- Ans**
- ☒ A. 9
 - ☐ B. 7
 - ☐ C. 10
 - ☐ D. 8

Q.65 What was the role of guilds (shrenis) in post-Gupta India?

- Ans**
- ☐ A. Administration
 - ☐ B. Military service
 - ☐ C. Religious reforms
 - ☒ D. Regulated trade and crafts

Q.66 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.)

$5 - 20 - 60 - 120$
 $8 - 32 - 96 - 192$

- Ans**
- ☐ A. $24 - 48 - 96 - 120$
 - ☒ B. $10 - 40 - 120 - 240$
 - ☐ C. $60 - 240 - 80 - 160$
 - ☐ D. $12 - 48 - 144 - 248$

Q.67 Refer to the following letter, number, symbol series and answer the question.

(Left) 5 C £ T R 6 B \$ D © 9 6 * 9 # Z 7 2 R \$ O K (Right)

If all the symbols are dropped from the series, which of the following will be fourth from the left?

- Ans**
- ☐ A. 6
 - ☐ B. B
 - ☐ C. D
 - ☒ D. R

Q.68 When did the Legal Services Authorities Act come into force?

- Ans**
- ☒ A. 9 November 1995
 - ☐ B. 15 August 1947
 - ☐ C. 1 April 1988
 - ☐ D. 26 January 1950

Q.69 Who among the following introduced the Blue Water Policy to strengthen Portuguese naval power in the Indian Ocean?

- Ans**
- ☐ A. Nuno da Cunha
 - ☐ B. Afonso de Albuquerque
 - ☐ C. Bartholomew Diaz
 - ☒ D. Francisco De Almeida

Q.70 What is the value of $(7x + 6y)$, if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	6	19	x	5	y	59

- Ans**
- ☒ A. 190
 - ☐ B. 200
 - ☐ C. 182
 - ☐ D. 170

Q.71 Through which Constitutional Amendment were the Fundamental Duties incorporated into the Constitution?

- Ans**
- ☐ A. 52nd Amendment, 1985
 - ☐ B. 97th Amendment, 2011
 - ☐ C. 61st Amendment, 1989
 - ☒ D. 42nd Amendment, 1976

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. GI-JL
 - ☐ B. MO-PR
 - ☐ C. JL-MO
 - ☒ D. BD-FH

Q.73 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) % 1 7 3 < \$ 3 7 4 ^ < & # 5 < 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. Two
 - ☐ B. None
 - ☐ C. Three
 - ☒ D. One

Q.74 The ratio of the salaries of A and B is 4 : 5. If A's salary is increased by 20% and B's salary is decreased by 10%, what is the new ratio of their salaries?

- Ans**
- ☒ A. 16 : 15
 - ☐ B. 14 : 13
 - ☐ C. 15 : 14
 - ☐ D. 13 : 12

Q.75 If a boat travels with a speed of 12 km/hr in still water and the speed of stream is 3 km/hr, what would be the time taken (in hours) by boat to go 60 km downstream?

- Ans**
- ☒ A. 4
 - ☐ B. 9
 - ☐ C. 5
 - ☐ D. 6

Q.76 By how much was the rupee devalued in July 1991?

- Ans**
- ☐ A. 10 per cent
 - ☒ B. 18 per cent
 - ☐ C. 30 per cent
 - ☐ D. 25 per cent

Q.77 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:

All hands are legs. Some hands are ears. Some ears are arms.

Conclusions:

(I) Some legs are ears.

(II) Some hands are arms.

- 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.78 PQRS is a cyclic trapezium with PS parallel to QR. If $\angle P = 85^\circ$, then the other three angles are:

- Ans**
- ☐ A. $\angle Q = 85^\circ$, $\angle R = 95^\circ$, $\angle S = 95^\circ$
 - ☐ B. $\angle Q = 85^\circ$, $\angle R = 85^\circ$, $\angle S = 95^\circ$
 - ☐ C. $\angle Q = 95^\circ$, $\angle R = 85^\circ$, $\angle S = 95^\circ$
 - ☒ D. $\angle Q = 95^\circ$, $\angle R = 95^\circ$, $\angle S = 85^\circ$

Q.79 Which component of System Software is directly responsible for managing the flow of data between the Central Processing Unit (CPU) and a peripheral device like a printer or a mouse?

- Ans**
- ☐ A. Operating System Kernel
 - ☐ B. Application Programming Interface (API)
 - ☐ C. Utility Software
 - ☒ D. Device Driver

Q.80 In the fiscal year 2024-25, the total remittances sent home by Indians overseas set a new record of:

- Ans**
- ✓ A. 135.46 billion dollars
 - ✗ B. 122.57 billion dollars
 - ✗ C. 126.76 billion dollars
 - ✗ D. 156.10 billion dollars

Q.81 Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. G sits third to the right of U. Only three people sit between F and H when counted from the right of H. G sits to the immediate right of H. V sits to the immediate right of W. Who sits second to the right of I?

- Ans**
- ✗ A. W
 - ✓ B. G
 - ✗ C. U
 - ✗ D. F

Q.82 In 2025, which multilateral development bank signed five loan agreements with India, including a US\$ 650 million loan to support the Pradhan Mantri Surya Ghar: Muft Bijli Yojana?

- Ans**
- ✗ A. New Development Bank (NDB)
 - ✗ B. World Bank
 - ✓ C. Asian Development Bank (ADB)
 - ✗ D. Asian Infrastructure Investment Bank (AIIB)

Q.83 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 T related to K if 'T@S%G+H&K'?

- Ans**
- ✗ A. Mother's brother
 - ✗ B. Mother's father
 - ✗ C. Son
 - ✓ D. Mother's brother's son

Q.84 A boat moves at a speed of 7 km/h in still water. The boat goes 40 km downstream and then 40 km upstream. It is observed that the total time taken for this journey is 560 minutes less than the time it would take if the speed of the stream were 2 km/h faster. What is the initial speed (in km/h) of the stream?

- Ans**
- ✗ A. 3.5
 - ✗ B. 4.5
 - ✗ C. 4
 - ✓ D. 3

Q.85 According to the United Nations World Population Prospects (2019), which region is projected to contribute most significantly to global population growth by 2050, thereby affecting future population density trends?

- Ans**
- ✓ A. Sub Saharan Africa
 - ✗ B. Eastern Southeastern Asia
 - ✗ C. Europe North America
 - ✗ D. Latin America and the Caribbean

Q.86 Which of the following is equivalent to the expression $\frac{1.2}{0.3} + \frac{2.4}{0.6}$?

- Ans
- ☐ A. 4
 - ☐ B. 6
 - ☐ C. 5
 - ☒ D. 8

Q.87 A shopkeeper purchased 52 dozens of articles at the rate of ₹400 per dozen. He sold each one of them at the rate of ₹58. What percentage profit did he make?

- Ans
- ☐ A. 73%
 - ☒ B. 74%
 - ☐ C. 71%
 - ☐ D. 75%

Q.88 Which mountain ranges traverse the Trans-Himalayan zone in India?

- Ans
- ☐ A. Western Ghats, Eastern Ghats, Satpura
 - ☐ B. Himalayas, Satpura, Karakoram
 - ☒ C. Zaskar, Ladakh, Karakoram
 - ☐ D. Himalayas, Aravalli, Vindhya

Q.89 In a business, A, B, and C invest in the ratio 3 : 5 : 4. Out of the total profit, B gives ₹15,000 to A such that A's share of the profit becomes equal to C's share. What is the total profit (in ₹) of the business?

- Ans
- ☐ A. 1,20,000
 - ☐ B. 2,40,000
 - ☐ C. 1,50,000
 - ☒ D. 1,80,000

Q.90 A shopkeeper fixes the marked price of an item 100% above its cost price. What percentage of discount on marked price should be allowed to gain 2%?

- Ans
- ☒ A. 49%
 - ☐ B. 48%
 - ☐ C. 50%
 - ☐ D. 47%

Q.91 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. Harsh, Ketan, Mayank, Rohit, and Sidharth, each have different height. Who is the shortest?

(I) Mayank is taller than Harsh but shorter than Ketan.

(II) Rohit is taller than Harsh but shorter than Mayank.

- 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.92 Which stitched sailing vessel of the Indian Navy, which was scheduled for its maiden overseas voyage in December 2025 from Porbandar to Muscat, aims to revive India's ancient maritime legacy?

- Ans
- ☐ A. INSV Mhadei
 - ☒ B. INSV Kaundinya
 - ☐ C. INSV Shardul
 - ☐ D. INSV Tarangini

Q.93 Each of seven people, E, F, G, H, 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 three people have exams between L and J. Only three people have exams between H and K. E has exam on some day before J and on some day after F. Only G has exam before K. How many people have exams before L?

- Ans**
- ☐ A. Three
 - ☐ B. One
 - ☐ C. Four
 - ☒ D. Two

Q.94 Which defensive strategy assigns each defender to guard a specific offensive player based on size and ability in a basketball game?

- Ans**
- ☐ A. Combined defence
 - ☐ B. Zone defence
 - ☐ C. Full court press
 - ☒ D. Man to man defence

Q.95 A school employs trained and untrained teachers in the ratio 5 : 3. The salaries of a trained and an untrained teachers are in the ratio 4 : 1. If the total salary paid to all teachers in a month is ₹4,60,000, how much total salary is paid to the untrained teachers?

- Ans**
- ☐ A. ₹45,000
 - ☐ B. ₹1,20,000
 - ☒ C. ₹60,000
 - ☐ D. ₹75,000

Q.96 What should come in place of '?' in the given series?

23 26 32 41 53 ?

- Ans**
- ☐ A. 66
 - ☒ B. 68
 - ☐ C. 72
 - ☐ D. 70

Q.97 In quadrilateral ABCD, the bisectors of $\angle A$ and $\angle B$ meet at O and $\angle AOB = 41^\circ$. The value of $\angle C + \angle D$ is:

- Ans**
- ☐ A. 41°
 - ☐ B. 98°
 - ☒ C. 82°
 - ☐ D. 49°

Q.98 Which of the following is a direct consequence of increased particulate matter (PM_{2.5}) in urban air?

- Ans**
- ☒ A. Respiratory health issues
 - ☐ B. Increased soil fertility
 - ☐ C. Stratospheric ozone depletion
 - ☐ D. Ocean acidification

Q.99 Pandit Jawaharlal Nehru described which of the following as the "temple(s) of modern India"?

- Ans**
- ☒ A. Dams
 - ☐ B. Hospitals
 - ☐ C. Parliament
 - ☐ D. Schools

Q.100 Which of the following are Plantation crops respectively in Assam and Karnataka?

Ans

☒ A. Barley and ragi

☒ B. Tea and coffee

☒ C. Rice and wheat

☒ D. Sugarcane and mustard

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	19/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 18 years on simple interest?

- Ans
- ☒ A. 44.44
 - ☒ B. 20.22
 - ☒ C. 22.22
 - ☒ D. 24.22

Q.2 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 6 : 3 : 5. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹12,000, then out of a total annual profit of ₹69,000, what is the difference between X's and Y's profit?

- Ans
- ☒ A. ₹8120
 - ☒ B. ₹9910
 - ☒ C. ₹7290
 - ☒ D. ₹8280

Q.3 The e/m ratio for electron was determined by:

- Ans
- ☒ A. Albert Einstein
 - ☒ B. Niels Bohr
 - ☒ C. Issac Newton
 - ☒ D. J.J. Thomson

Q.4 In a certain code language,
A + B means 'A is the son of B'
A - B means 'A is the brother of B'
A x B means 'A is the wife of B'
A ÷ B means 'A is the father of B'

Based on the above, how is W related to G if 'W - O x R + K ÷ G'?

- Ans
- ☒ A. Brother's wife's brother
 - ☒ B. Brother's wife's father
 - ☒ C. Wife's father
 - ☒ D. Wife's brother

Q.5 10 is related to 120 following a certain logic. Following the same logic, 12 is related to 168. To which of the following 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/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. 324
 - ☒ B. 256
 - ☒ C. 360
 - ☒ D. 400

Q.6 X, Y, Z, 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 is numbered 6. X lives on an even numbered floor but not on floor number 4. Only two people live between X and T. S lives on an odd numbered floor but not on the lowermost floor. Only two people live between S and Y. Z lives immediately below S. How many people live between U and Z?

- Ans
- ☒ A. Two
 - ☒ B. Three
 - ☒ C. Four
 - ☒ D. One

Q.7 In a certain code language, 'WINS' is coded as '8246' and 'NORM' is coded as '3851'. What is the code for 'N' in the given code language?

- Ans
- ☒ A. 4
 - ☒ B. 3
 - ☒ C. 8
 - ☒ D. 1

Q.8 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8371456, 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. 9
 - ☒ B. 8
 - ☒ C. 11
 - ☒ D. 10

Q.9 In which year did India officially join the Shanghai Cooperation Organization (SCO) as a full member?

- Ans
- ☒ A. 2008
 - ☒ B. 2012
 - ☒ C. 2017
 - ☒ D. 2021

Q.10 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
YQM 2 SKG 6 MEA 12 GYU 20 ?

- Ans
- ☒ A. BTP 32
 - ☒ B. ASO 30
 - ☒ C. DZP 30
 - ☒ D. LWY 30

Q.11 What type of agriculture is still widely practiced in India despite modern agricultural changes?

- Ans**
- ✓ A. Subsistence Agriculture
 - ✗ B. Organic Agriculture
 - ✗ C. Commercial Agriculture
 - ✗ D. Plantation Agriculture

Q.12 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ✗ A. EHJ
 - ✗ B. NQS
 - ✗ C. BEG
 - ✓ D. DGH

Q.13 What is the average of all the natural numbers from 1 to 64?

- Ans**
- ✗ A. 33
 - ✗ B. 33.5
 - ✗ C. 32
 - ✓ D. 32.5

Q.14 Which of the following leader is associated with the founding of the Brahmo Samaj and its emphasis on monotheism and social reform?

- Ans**
- ✗ A. Swami Dayananda Saraswati
 - ✗ B. Debendranath Tagore
 - ✓ C. Raja Ram Mohan Roy
 - ✗ D. Ishwar Chandra Vidyasagar

Q.15 When was the second edition of the RESPECT women prevention framework launched in 2025?

- Ans**
- ✗ A. 10 December
 - ✓ B. 19 November
 - ✗ C. 25 November
 - ✗ D. 8 March

Q.16 Mango showers occur in which of the following groups of states?

- Ans**
- ✗ A. Bihar and West Bengal
 - ✓ B. Karnataka and Kerala
 - ✗ C. Andhra Pradesh and Telangana
 - ✗ D. Kerala and Tamilnadu

Q.17 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 :: ?

: LHN :: PLR : %

- Ans**
- ✗ A. # = MIP , % = OKQ
 - ✓ B. # = MIO , % = OKQ
 - ✗ C. # = MIO , % = OLQ
 - ✗ D. # = MIO , % = OKR

Q.18 Restarting a computer means:

- Ans**
- ☐ A. Only refreshing the desktop
 - ☐ B. Turning it off permanently
 - ☒ C. Turning it off and on again automatically
 - ☐ D. Installing a new OS

Q.19 What kind of justice do the Directive Principles of State Policy of the Indian Constitution mainly aim to achieve?

- Ans**
- ☒ A. Economic and social justice
 - ☐ B. All legal justice
 - ☐ C. Religious justice
 - ☐ D. Political justice

Q.20 In a certain code language, 'MINT' is coded as '6134' and 'TIME' is coded as '4365'. What is the code for 'E' in the given code language?

- Ans**
- ☐ A. 4
 - ☒ B. 5
 - ☐ C. 3
 - ☐ D. 6

Q.21 Find the mean proportional between 9 and 25.

- Ans**
- ☐ A. 18
 - ☐ B. 21
 - ☐ C. 12
 - ☒ D. 15

Q.22 The following table shows the distribution of marks obtained by 100 students in a test.

Marks	0-10	10-20	20-30	30-40	40-50	50-60
Number of Students	5	9	14	22	30	20

The median marks is:

- Ans**
- ☐ A. 42.2
 - ☐ B. 39.2
 - ☐ C. 38.8
 - ☒ D. 40.0

Q.23 P, Q, R, S, T, U and V sit around a circular table facing the centre. Only two people sit between P and U when counted from the right of P. Only two people sit between U and V. Only three people sit between P and T. S sits to the immediate left of R. How many people sit between P and Q when counted from the right of Q?

- Ans**
- ☒ A. 1
 - ☐ B. 3
 - ☐ C. 4
 - ☐ D. 2

Q.24 There are 32 members in group A, 52 members in group B and 73 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹266, ₹470 and ₹168, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☒ A. 288
 - ☐ B. 292
 - ☐ C. 291
 - ☐ D. 286

Q.25 Which of the following statements differentiates bryophytes from algae?

- Ans
- ☐ A. Bryophytes can prepare their own food
 - ☐ B. Bryophytes possess chlorophyll
 - ☐ C. Bryophytes are cryptogams
 - ☒ D. Bryophytes exhibit the formation of an embryo from the zygote

Q.26 Fardin starts from Point A and drives 42 km towards the West. He then takes a left turn, drives 40 km, turns left and drives 49 km. He then takes a left turn and drives 46 km. He takes a final left 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. 7 km to the South
 - ☐ B. 8 km to the South
 - ☐ C. 5 km to the South
 - ☒ D. 6 km to the South

Q.27 If the mean of the following data is 40, find the value of X.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	42	19	23	26	X

- Ans
- ☐ A. 40
 - ☒ B. 88
 - ☐ C. 79
 - ☐ D. 38

Q.28 Simplify: $\frac{\cot\theta - \cos\theta}{\cot\theta + \cos\theta}$.

- Ans
- ☐ A. $\frac{\sec\theta - 1}{\sec\theta + 1}$
 - ☒ B. $\frac{\operatorname{cosec}\theta - 1}{\operatorname{cosec}\theta + 1}$
 - ☐ C. $\frac{\sec\theta + 1}{\sec\theta - 1}$
 - ☐ D. $\frac{\operatorname{cosec}\theta + 1}{\operatorname{cosec}\theta - 1}$

Q.29 Which of the following factors does NOT contribute to farming variety in India?

- Ans
- ☒ A. Uniform landform
 - ☐ B. Soil types
 - ☐ C. Irrigation availability
 - ☐ D. Climate

Q.30 20% of a number is more than 20% of 620 by 190. The number is:

- Ans
- ☒ A. 1570
 - ☐ B. 1670
 - ☐ C. 1420
 - ☐ D. 1620

Q.31 Each of A, B, L, I, N, G and S has exam on a different day of a week starting from Monday and ending on Sunday of the same week. B has exam on first day of the week. Only three people have exam between B and L. Only one person has exam between L and A. N has exam on Sunday. S has exam on one of the days after I but on one of the days before G. Who has exam on Thursday?

- Ans
- ☐ A. G
 - ☐ B. I
 - ☐ C. A
 - ☒ D. S

Q.32 Which Indian organization signed a memorandum of understanding with Russia's UAC to produce the SJ-100 in October 2025?

- Ans**
- ☐ A. Bharat Electronics Limited
 - ☐ B. DRDO
 - ☒ C. Hindustan Aeronautics Limited
 - ☐ D. ISRO

Q.33 As of April 2025, the Ministry of Agriculture and Farmers Welfare is administered by _____.

- Ans**
- ☐ A. Shri Piyush Goyal
 - ☒ B. Shri Shivraj Singh Chouhan
 - ☐ C. Shri Nitin Jairam Gadkari
 - ☐ D. Shri Pralhad Joshi

Q.34 King Kharavela belonged to which of the following dynasties?

- Ans**
- ☐ A. Kanva dynasty
 - ☒ B. Chedi dynasty
 - ☐ C. Satavahana dynasty
 - ☐ D. Shunga dynasty

Q.35 Evaluate: $(-9) - (-56) \div (-14) + (-3) \times 6$

- Ans**
- ☐ A. -30
 - ☒ B. -31
 - ☐ C. -33
 - ☐ D. -34

Q.36 Which award was announced by the Government of India on 26 October 2025 to honour excellence in Science, Technology, and Innovation?

- Ans**
- ☐ A. Bharat Ratna
 - ☒ B. Rashtriya Vigyan Puraskar
 - ☐ C. Padma Vibhushan
 - ☐ D. Shanti Swarup Bhatnagar Prize

Q.37 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 5 trees, L, M, N, T and V each having a different height, which tree is the shortest?

Statements:

(I) N is shorter than only three trees.

(II) N is taller than M but shorter 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

Q.38 In October 2025, Morocco's U-20 World Cup victory over Argentina was significant for what reason?

- Ans**
- ☐ A. Morocco won after a penalty shootout.
 - ☐ B. It was Argentina's first defeat in tournament history.
 - ☐ C. Morocco hosted the U-20 World Cup for the first time.
 - ☒ D. It marked Morocco's first-ever U-20 World Cup title.

Q.39 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 70 m/min for 60 min. Her average speed (in m/min) for the entire journey is:

- Ans**
- ☐ A. 44
 - ☐ B. 46
 - ☒ C. 40
 - ☐ D. 33

Q.40 Akhaj Mesolithic site is found in which state of India?

- Ans**
- ☐ A. Bihar
 - ☐ B. Assam
 - ☒ C. Gujarat
 - ☐ D. Meghalaya

Q.41 What is the primary role of the Control Unit (CU) within the Central Processing Unit (CPU)?

- Ans**
- ☒ A. It manages and coordinates the flow of instructions and data throughout the computer system.
 - ☐ B. It performs all the arithmetic and logical calculations on data.
 - ☐ C. It provides the system's primary volatile storage for active programs.
 - ☐ D. It permanently stores the operating system and basic boot instructions.

Q.42 Which feature of the 10th-century CE Lingaraja Temple in Bhubaneswar reflects the Nagara architectural style?

- Ans**
- ☒ A. Curvilinear shikhara tower
 - ☐ B. Stepped pyramid vimana
 - ☐ C. Ornate gopuram entrance
 - ☐ D. Circular stupa dome

Q.43 This question is based on the five, three-digit numbers given below.

(Left) 419 975 573 389 937 (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. 16
 - ☐ B. 19
 - ☐ C. 18
 - ☐ D. 17

Q.44 Read the given statements and conclusions carefully. Assuming that the information given in the statement(s) 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 skin is hair. All hair is fur. All fur is fleece.

Conclusions:

- (I) All skin is fleece.
(II) Some fleeces are hair.

- 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.45 A shopkeeper purchased 21 dozens of articles at the rate of ₹150 per dozen. He sold each one of them at the rate of ₹78. What percentage profit did he make?

- Ans**
- ☒ A. 526%
 - ☒ B. 524%
 - ☒ C. 523%
 - ☒ D. 525%

Q.46 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) C P # A G = % B H * + D F ? E ! L M \$ I O (Right)

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

- Ans**
- ☒ A. ONE
 - ☒ B. FIVE
 - ☒ C. TWO
 - ☒ D. FOUR

Q.47 At present, Vanraj is three times as old as his son, and his daughter is 3 years younger than the son. If the sum of the ages of these three people 3 years ago was 93 years, then Vanraj's present age (in years) is:

- Ans**
- ☒ A. 49
 - ☒ B. 39
 - ☒ C. 63
 - ☒ D. 44

Q.48 Which publisher released 'Mother Mary Comes to Me' by Arundhati Roy in September 2025?

- Ans**
- ☒ A. HarperCollins India
 - ☒ B. Hachette India
 - ☒ C. Penguin Random House India
 - ☒ D. Rupa Publications

Q.49 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
KUO 5, PZT 12, UEY 19, ZJD 26, ?

- Ans**
- ☒ A. ENG 33
 - ☒ B. EPK 35
 - ☒ C. EOI 33
 - ☒ D. DNH 32

Q.50 What should come in place of ‘?’ in the given series?

52 50 47 42 35 ?

- Ans**
- ☒ A. 24
 - ☒ B. 23
 - ☒ C. 25
 - ☒ D. 26

Q.51 In August 2025, which paramilitary force launched Operation Alert along the Rajasthan border?

- Ans**
- ☒ A. Border Security Force (BSF)
 - ☒ B. Central Industrial Security Force (CISF)
 - ☒ C. Indian Navy
 - ☒ D. Indian Coast Guard

Q.52 A conical open packet is made from a rectangular sheet of paper of length 66 cm and breadth 30 cm. The height of the packet is as large as possible and the length of the rectangle forms the circumference of the base of the conical packet. The conical packet is stapled at a height of 2 cm from the vertex of the cone, to avoid spilling of items inside it. Find the volume (in cm^3) of the packet, rounded off to the nearest whole number.

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

- Ans**
- ☐ A. 3638
 - ☐ B. 3582
 - ☒ C. 3464
 - ☐ D. 3296

Q.53 Which of the following is NOT correct about the scheme of Jan Shikshan Sansthan of the Ministry of Skill Development and Entrepreneurship (MSDE)?

- Ans**
- ☐ A. It focuses on identifying and promoting traditional skills in the districts through skilling/upskilling
 - ☐ B. It focuses on creation of a pool of master trainers
 - ☒ C. It is implemented through Industrial Training Institutes (ITIs)
 - ☐ D. It focuses to improve the occupational skills and technical knowledge of the non/neo literates and persons having rudimentary level of education

Q.54 The fourth generation of computers marked the use of integrated circuits and compact computing. This generation began with the invention of which key component?

- Ans**
- ☐ A. Tabulating Machine Device
 - ☐ B. Transistor Device Unit
 - ☒ C. Microprocessor Chip
 - ☐ D. ENIAC Computer System

Q.55 During October–November 2025, which two Indian states hosted the Trishul 2025 tri-services exercise?

- Ans**
- ☐ A. Uttar Pradesh and Bihar
 - ☐ B. Maharashtra and Punjab
 - ☐ C. Tamil Nadu and Kerala
 - ☒ D. Gujarat and Rajasthan

Q.56 What should come in place of '?' in the given series?

77 78 82 91 107 ?

- Ans**
- ☐ A. 134
 - ☐ B. 133
 - ☒ C. 132
 - ☐ D. 131

Q.57 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 lions are monkeys. Some monkeys are cats. All pigs are cats.

Conclusions:

- (I) Some pigs are lions.
(II) Some pigs are monkeys.

- 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.58 Let ABCD be a quadrilateral which satisfies any of the following conditions.

- (i) opposite sides are equal
- (ii) each diagonal of ABCD divides it into congruent triangles
- (iii) each pair of opposite angles are equal
- (iv) diagonals of ABCD bisect each other

Then ABCD has to be a _____.

- Ans
- ☐ A. kite
 - ☐ B. trapezium
 - ☒ C. parallelogram
 - ☐ D. rectangle

Q.59 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $216 \div 3 + 1313 \times 13 - 112 = ?$

- Ans
- ☐ A. 586
 - ☐ B. 722
 - ☐ C. 523
 - ☒ D. 659

Q.60 In which year was the Pradhan Mantri Kaushal Vikas Yojana (PMKVY) launched?

- Ans
- ☐ A. 2020
 - ☐ B. 2025
 - ☒ C. 2015
 - ☐ D. 2010

Q.61 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) \ ? % 4 ? 3 / 3 / 9 4 6 4 1 ? * + ^ > 2 * (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. Four
 - ☐ C. One
 - ☒ D. Two

Q.62 In a certain code language,
 $X + Y$ means 'X is the husband of Y',
 $X - Y$ means 'X is the mother of Y',
 $X \times Y$ means 'X is the wife of Y' and
 $X \div Y$ means 'X is the father of Y'.

Based on the above, how is P related to T if ' $P + Q - R \times S \div T$ '?

- Ans
- ☐ A. Father's father
 - ☐ B. Father's brother
 - ☒ C. Mother's father
 - ☐ D. Mother's brother

Q.63 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

5-7-9
11-13-15

(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. 4-39-61
☒ B. 21-23-25
☒ C. 18-15-12
☒ D. 4-30-84

Q.64 Which of the following is/are example(s) of an abiotic factor in an ecosystem?

- Ans ☒ A. Insects
☒ B. Trees
☒ C. Soil
☒ D. Bacteria

Q.65 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.)

(24, 578, 3)
(23, 536, 8)

- Ans ☒ A. (10, 106, 7)
☒ B. (47, 2230, 17)
☒ C. (16, 285, 25)
☒ D. (9, 109, 24)

Q.66 If a 7-digit number 56339A8 is completely divisible by 6, what is the minimum value of A?

- Ans ☒ A. 1
☒ B. 3
☒ C. 2
☒ D. 5

Q.67 Which of the following is equivalent to a quadratic equation?

- Ans ☒ A. $x^3 - 3x^2 + 3x - 1 = (x-1)^3$
☒ B. $\frac{x}{x-1} + \frac{2x}{x-1} = 3$
☒ C. $(x^2 + 1)^2 - x^4 = 2x + 1$
☒ D. $\frac{(x^2 - 1)}{(x + 1)} = x - 2$

Q.68 A shopkeeper professes to sell his goods at a 60% loss but uses a false balance and gains 70%. The actual weight (rounded off to one decimal place) that he uses instead of 1 kg is:

- Ans ☒ A. 235.3 gm
☒ B. 230.9 gm
☒ C. 241.3 gm
☒ D. 239.8 gm

Q.69 Which European power was the first to establish trading settlements in India during the early modern period?

- Ans**
- ☐ A. Dutch
 - ☐ B. English
 - ☒ C. Portuguese
 - ☐ D. French

Q.70 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 87 pages?

- Ans**
- ☐ A. 1745
 - ☐ B. 1730
 - ☒ C. 1740
 - ☐ D. 1750

Q.71 In an election between two candidates, 80% of the registered voters cast their vote and 15% of the votes polled were found invalid. Winning candidate got 75% of the valid votes and won the election by a margin of 289 votes. How many voters were registered?

- Ans**
- ☐ A. 852
 - ☐ B. 848
 - ☒ C. 850
 - ☐ D. 851

Q.72 Which authority is empowered under the Constitution to define the powers, privileges, and immunities of the members of each House of Parliament and their committees?

- Ans**
- ☐ A. Supreme Court
 - ☐ B. Speaker of the Lok Sabha
 - ☐ C. President of India
 - ☒ D. Parliament itself

Q.73 What material was commonly used for Harappan sculptures, such as the Dancing Girl, around 2500 BCE?

- Ans**
- ☐ A. Silver
 - ☐ B. Granite
 - ☒ C. Bronze
 - ☐ D. Marble

Q.74 Let C be a circle with centre O and radius 21 cm. Let OAB be a sector of C. If the area of the sector is 385 cm^2 , then find the angle made by the sector at O. (Use $\pi = 22/7$.)

- Ans**
- ☐ A. 120°
 - ☐ B. 80°
 - ☐ C. 60°
 - ☒ D. 100°

Q.75 Ajay gets double the amount in 7 years when invested at compound interest, compounded annually. In how many years will the amount become sixteen times itself?

- Ans**
- ☐ A. 112
 - ☒ B. 28
 - ☐ C. 56
 - ☐ D. 14

Q.76 If $x = \sqrt[3]{(31 + 14\sqrt{3})}$ and $y = \sqrt[3]{(31 - 14\sqrt{3})}$, then the value of $x^3 + y^3 + 3x^3y^3$ is

- Ans ☒ A. 1181
☐ B. 1143
☐ C. 1198
☐ D. 1157

Q.77 If x is inversely proportional to y , and $y = 30$ when $x = 28$, find the value of x , when $y = 20$.

- Ans ☐ A. 33
☒ B. 42
☐ C. 52
☐ D. 38

Q.78 If $8x^3 - 27y^3 = (Ax + By)(Cx^2 - Dy^2 + Exy)$, then the value of $(A + B + C + D + E)$ is:

- Ans ☐ A. -3
☐ B. -1
☒ C. 0
☐ D. 2

Q.79 Which of the following is NOT a primary air pollutant?

- Ans ☒ A. Ozone
☐ B. Carbon monoxide
☐ C. Nitrogen oxide
☐ D. Sulfur dioxide

Q.80 GKOS is related to INQV in a certain way based on the English alphabetical order. In the same way, HLPT is related to JORW. To which of the following is AEIM related, following the same logic?

- Ans ☐ A. CGLQ
☒ B. CHKP
☐ C. DHLQ
☐ D. DGKP

Q.81 A dealer buys two articles X and Y for ₹1,000 each. He marks each of them at the same price. He sells X by giving two successive discounts of 15% and 30% and still earns ₹337 as profit. If he sells Y at a single discount of 49%, then what is the profit percentage on Y?

- Ans ☒ A. 14.6%
☐ B. 13.6%
☐ C. 13%
☐ D. 14%

Q.82 M, N, O, P, Q, R and S are sitting around a circular table facing the centre of the table. M sits fourth to the right of S. Only two people sit between P and Q when counted from the left of P. R sits third to the left of O. N is an immediate neighbour of O and Q. How many people between M and N when counted from the left of N?

- Ans ☐ A. Three
☒ B. Four
☐ C. Two
☐ D. One

Q.83 Laman, in which a group of girls sing a stanza and a group of boys reply in the song which continues for hours, is a popular folk music of which state?

- Ans**
- ☐ A. Gujarat
 - ☐ B. Rajasthan
 - ☐ C. Haryana
 - ☒ D. Himachal Pradesh

Q.84 The 'Make in India' initiative was launched in which of the following years?

- Ans**
- ☐ A. 2015
 - ☐ B. 2013
 - ☐ C. 2012
 - ☒ D. 2014

Q.85 J, K, L, M, N and O live on six different floors of the same building. The bottommost floor of the building is numbered as 1; the floor above it is numbered as 2 and so on. The topmost floor is numbered as 6. K lives on an odd-numbered floor but not on floor number 3. Only two people live between K and L. J lives immediately below K. M lives on an even-numbered floor. O does not live on the bottommost floor. How many people live between N and J?

- Ans**
- ☐ A. Five
 - ☐ B. Three
 - ☐ C. Four
 - ☒ D. Two

Q.86 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. QUZ
 - ☒ B. FJN
 - ☐ C. TXC
 - ☐ D. XBG

Q.87 What condition must be fulfilled by a person born outside India after December 3, 2004, to be considered an Indian citizen by descent?

- Ans**
- ☒ A. Both parents must be Indian citizens.
 - ☐ B. They must reside in India for at least 5 years.
 - ☐ C. They must renounce any other nationality.
 - ☐ D. They must reside in India for 10 years.

Q.88 The Twelfth Schedule of the Indian Constitution defines how many new tasks in the functional domain of the Urban Local Bodies as of March 2025?

- Ans**
- ☐ A. 19
 - ☐ B. 21
 - ☐ C. 20
 - ☒ D. 18

Q.89 Which port did the Portuguese capture in 1510, making it their colony's capital in India?

- Ans**
- ☐ A. Calicut
 - ☒ B. Goa
 - ☐ C. Surat
 - ☐ D. Bombay

Q.90 The sum of two numbers a and b, where $a < b$, is 129. The HCF and LCM of a and b are 3 and 1350, respectively.

Find the value of $\frac{1}{a} - \frac{1}{b}$.

Ans

- ☒ A. $\frac{7}{1350}$
☐ B. $\frac{-3}{4550}$
☐ C. $\frac{-21}{1550}$
☐ D. $\frac{441}{450}$

Q.91 Which of the following does NOT belong to the Tibeto-Burman language family?

Ans

- ☐ A. Lepcha
☒ B. Assamese
☐ C. Garo
☐ D. Bodo

Q.92 Chilika Lake spans across which three districts of Odisha?

Ans

- ☐ A. Puri, Jagatsinghpur and Khurda
☐ B. Cuttack, Puri and Kendrapara
☒ C. Puri, Khurda and Ganjam
☐ D. Khurda, Balasore and Ganjam

Q.93 The area of a square is 3969 cm^2 . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?

Ans

- ☐ A. 2600
☐ B. 2608
☐ C. $2662\sqrt{3}$
☒ D. $2646\sqrt{3}$

Q.94 The modified petiole of Acacia species that resembles a leaf blade is termed as _____.

Ans

- ☐ A. spine
☒ B. phyllode
☐ C. tendril
☐ D. bracts

Q.95 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 :: ?

: LOU :: WZF : %

Ans

- ☒ A. # = EHN, % = DGM
☐ B. # = EHN, % = DGO
☐ C. # = FHN, % = DGM
☐ D. # = EHN, % = DGI

Q.96 If 4 lines of a print, in a column of a book, contain 36 words, how many words will a column of 93 lines contain?

Ans

- ☐ A. 833
☐ B. 841
☒ C. 837
☐ D. 847

Q.97 P and Q are two stations. A train travels from P to Q at a speed of 144 km/h and returns to P at a slower speed. If the average speed for the entire journey is 126 km/h, find the speed at which the train returns.

- Ans**
- ☐ A. 124 km/h
 - ☐ B. 128 km/h
 - ☐ C. 121 km/h
 - ☒ D. 112 km/h

Q.98 The conceptual framework of Human Development was pioneered by:

- Ans**
- ☐ A. Dr. Abdus Salam
 - ☐ B. Ellen C. Semple
 - ☒ C. Dr. Mahbub-ul-Haq
 - ☐ D. Prof. Amartya Sen

Q.99 Which shortcut saves the current file?

- Ans**
- ☐ A. Ctrl+L
 - ☐ B. Ctrl+R
 - ☐ C. Ctrl+P
 - ☒ D. Ctrl+S

Q.100 In November 2025, which of the following organizations collaborated with UNICEF to secure a new deal for affordable malaria vaccines?

- Ans**
- ☒ A. Gavi
 - ☐ B. Oxfam
 - ☐ C. Red Cross
 - ☐ D. Doctors Without Borders



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	19/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. H sits third to the left of F. I sits second to the left of V. Only F sits between G and I. W is not an immediate neighbour of H. How many people sit between X and I when counted from the right of X?

- Ans**
- ☒ A. Two
 - ☐ B. Three
 - ☐ C. Zero
 - ☐ D. One

Q.2 The population of a village was 2,90,000. It increased by 5% in the first year and increased by 30% in the second year. Its population after two years is _____.

- Ans**
- ☒ A. 3,95,850
 - ☐ B. 3,91,500
 - ☐ C. 3,04,500
 - ☐ D. 3,77,000

Q.3 In a certain code language, 'GLOW' is coded as '4628' and 'WEAR' is coded as '3574'. What is the code for 'W' in that language?

- Ans**
- ☐ A. 3
 - ☐ B. 7
 - ☒ C. 4
 - ☐ D. 8

Q.4 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
HGH 85 FEF 74 DCD 63 BAB 52 ?

- Ans**
- ☐ A. ZXY 40
 - ☒ B. ZYZ 41
 - ☐ C. ZZY 41
 - ☐ D. ZHQ 40

Q.5 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 :: ?

: RWU :: KPN : %

- Ans**
- ☒ A. # = TXY , % = JLM
 - ☒ B. # = TYX , % = KLI
 - ☒ C. # = SXV , % = JOM
 - ☒ D. # = SYW , % = KFI

Q.6 When a spring is compressed from its equilibrium position, its potential energy will _____.

- Ans**
- ☒ A. remain unchanged
 - ☒ B. first decrease then increase
 - ☒ C. increase
 - ☒ D. decrease

Q.7 Items such as the operating system and device drivers fall under which category of software?

- Ans**
- ☒ A. System software
 - ☒ B. Utility software only
 - ☒ C. Entertainment software
 - ☒ D. Temporary programs

Q.8 Which among the following Articles of the Indian Constitution provides Municipalities with financial powers?

- Ans**
- ☒ A. Article 243P
 - ☒ B. Article 243ZB
 - ☒ C. Article 243U
 - ☒ D. Article 243 X

Q.9 Which of the following statements is correct about the open system of thermodynamics?

- Ans**
- ☒ A. Exchange of energy and matter between system and surroundings.
 - ☒ B. No exchange of energy , but exchange of matter is possible between system and the surroundings.
 - ☒ C. No exchange of energy or matter between the system and the surroundings.
 - ☒ D. No exchange of matter, but exchange of energy is possible between system and the surroundings.

Q.10 Which constitutional article empowers the Indian Parliament to make laws regarding the acquisition and termination of Indian citizenship after the commencement of the Constitution of India?

- Ans**
- ☒ A. Article 6
 - ☒ B. Article 11
 - ☒ C. Article 8
 - ☒ D. Article 5

Q.11 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. PWR
 - ☒ B. MTP
 - ☒ C. GNJ
 - ☒ D. JQM

Q.12 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

22 A 2 B 1 C 3 D 2 = ?

- Ans
- ☒ A. 10
 - ☒ B. 11
 - ☒ C. 12
 - ☒ D. 13

Q.13 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.

AOE:BQH
OST:PUW

- Ans
- ☒ A. DAF:FCH
 - ☒ B. ADP:BGQ
 - ☒ C. SHF:TJI
 - ☒ D. LAJ:MDN

Q.14 India maintained which position worldwide in net annual forest area gain according to GFRA 2025?

- Ans
- ☒ A. 3rd
 - ☒ B. 2nd
 - ☒ C. 5th
 - ☒ D. 4th

Q.15 Which of the following is the headquarters of ICAR-Central Institute on Fisheries Education?

- Ans
- ☒ A. Vishakhapatnam
 - ☒ B. Mumbai
 - ☒ C. Panaji
 - ☒ D. Thiruvananthapuram

Q.16 In a certain code language, 'LITE' is coded as '8196' and 'FELT' is coded as '6481'. What is the code for 'F' in the given code language?

- Ans
- ☒ A. 4
 - ☒ B. 1
 - ☒ C. 6
 - ☒ D. 8

Q.17 Calculate the mode for the following frequency distribution of marks obtained by students in an exam. (Rounded off to two decimal places)

Marks	0-10	10-20	20-30	30-40	40-50
Number of Students	8	16	36	34	16

- Ans
- ☒ A. 28.45
 - ☒ B. 30.15
 - ☒ C. 31.25
 - ☒ D. 29.09

Q.18 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 coppers are irons.
All irons are silvers.
All silvers are golds.

Conclusions:

(I) Some golds are irons.
(II) All silvers are coppers.

- 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.19 Natyanjali Dance Festival is held every year for _____ days in 1000-year-old temple of Chidambaram, (Tamil Nadu).

- Ans**
- ☐ A. 8
 - ☐ B. 2
 - ☒ C. 5
 - ☐ D. 10

Q.20 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 the exam on Tuesday. Only two people have exams between R and T. P has the exam immediately after S but not on Sunday. Q has the exam before V but not on Monday.
How many people have exams between U and P?

- Ans**
- ☐ A. Four
 - ☐ B. Three
 - ☒ C. Two
 - ☐ D. One

Q.21 In developed countries, which of the following sectors has become the most important in terms of total production?

- Ans**
- ☒ A. Tertiary Activity
 - ☐ B. Primary Activity
 - ☐ C. Quinary Activity
 - ☐ D. Secondary Activity

Q.22 A boat travels 120 km downstream in 6 hours and 120 km upstream in 10 hours. The speed of the current is 4 km/hr. What is the speed of the boat in still water?

- Ans**
- ☐ A. 14 km/hr
 - ☐ B. 8 km/hr
 - ☒ C. 16 km/hr
 - ☐ D. 10 km/hr

Q.23 Kinshuk starts from Point D and walks 5 km towards South. She turns left and walks 9 km. She then turns left and walks 5 km. She finally turns right and walks 2 km to reach Point E.
How far and in which direction is Point E from Point D? (All turns are 90-degree turns only, unless specified.)

- Ans**
- ☐ A. 9 km, East
 - ☐ B. 12 km, West
 - ☒ C. 11 km, East
 - ☐ D. 10 km, East

Q.24 Two parallel lines L1 and L2 are cut by a transversal. If one of the alternate interior angles is 65° , what is the measure of the corresponding alternate interior angle?

- Ans**
- ☒ A. 180°
 - ☒ B. 65°
 - ☒ C. 110°
 - ☒ D. 90°

Q.25 Which provisions were inserted into the Constitution by the 103rd Amendment Act, 2019, to enable reservation for Economically Weaker Sections (EWS)?

- Ans**
- ☒ A. Articles 15(6) and 16(6)
 - ☒ B. Articles 15(2) and 16(2)
 - ☒ C. Articles 15(5) and 16(5)
 - ☒ D. Articles 15(4) and 16(4)

Q.26 Which country hosted the 68th Commonwealth Parliamentary Conference in October 2025?

- Ans**
- ☒ A. Australia
 - ☒ B. Canada
 - ☒ C. Barbados
 - ☒ D. Ghana

Q.27 Two lines AB and CD are parallel. Let PQ be the transversal intersecting AB at M and CD at N. If $\angle MND = 47^\circ$, find $\angle AMN$.

- Ans**
- ☒ A. 73°
 - ☒ B. 133°
 - ☒ C. 47°
 - ☒ D. 107°

Q.28 In which Indian state is the Cold Desert Biosphere Reserve, added to UNESCO's World Network in 2025, located?

- Ans**
- ☒ A. Uttarakhand adjoining the Nanda Devi Biosphere Zone
 - ☒ B. Jammu & Kashmir along the upper Indus valley basin
 - ☒ C. Sikkim near the Kangchenjunga Biosphere landscape
 - ☒ D. Himachal Pradesh in the Western Himalayan region

Q.29 Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete?
MRA 17, QVE 20, UZI 23, YDM 26, ?

- Ans**
- ☒ A. CGO 28
 - ☒ B. CHQ 29
 - ☒ C. CIS 29
 - ☒ D. DIR 30

Q.30 What should come in place of '?' in the given series?

65 63 60 55 48 ?

- Ans**
- ☒ A. 33
 - ☒ B. 37
 - ☒ C. 39
 - ☒ D. 36

Q.31 Refer to the following letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) J M L * J % G \$ F # @ W D @ # ? + B H N % (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.32 S is the mother of N. N is the sister of U. L is the father of E. E is the husband of U. How is S related to E?

- Ans**
- ☒ A. Wife's sister
 - ☒ B. Sister
 - ☒ C. Wife's Mother
 - ☒ D. Mother

Q.33 In a certain code language,
A + B means 'A is the daughter of B'
A – B means 'A is the brother of B'
A x 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 J if 'D + F ÷ G – H x J'?

- Ans**
- ☒ A. Sister
 - ☒ B. Wife's mother
 - ☒ C. Wife's sister
 - ☒ D. Mother

Q.34 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5714623, what will be the sum of the digits that are second from the left and second from the right?

- Ans**
- ☒ A. 8
 - ☒ B. 7
 - ☒ C. 6
 - ☒ D. 9

Q.35 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.)

(40, 122, 4)
(30, 101, 13)

- Ans**
- ☒ A. (2, 26, 17)
 - ☒ B. (10, 50, 17)
 - ☒ C. (10, 51, 18)
 - ☒ D. (37, 120, 11)

Q.36 In 2025, the historic live underwater interview highlighting ocean conservation and climate risks was conducted by the President of which country?

- Ans**
- ☒ A. Fiji
 - ☒ B. Palau
 - ☒ C. Maldives
 - ☒ D. Seychelles

Q.37 Which of the following administrative features was a key characteristic of the Mauryan Empire under Chandragupta Maurya?

- Ans**
- ☐ A. Feudal land grant system
 - ☐ B. Hereditary provincial governors
 - ☒ C. Centralised bureaucracy guided by Arthashastra
 - ☐ D. Revenue collection by religious institutions

Q.38 Ankur jogs on a circular track X at $1\frac{2}{3}$ m/s and Mahima jogs on track Y at $2\frac{1}{12}$ m/s. The total length of Tracks X and Y is 0.325 km. Ankur makes 9 rounds of track X in the same time Mahima makes 5 rounds of track Y. The time taken (in seconds) by Mahima to complete one round of track X is:

- Ans**
- ☐ A. 35
 - ☒ B. 48
 - ☐ C. 42
 - ☐ D. 39

Q.39 Which of the following theories was propounded in Dadabhai Naoroji's 1901 book Poverty and Un-British Rule in India?

- Ans**
- ☐ A. Subsidiary Alliance Theory
 - ☐ B. Two Nation Theory
 - ☐ C. Doctrine of Lapse Theory
 - ☒ D. Drain of Wealth Theory

Q.40 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 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, 7, 100)
(25, 8, 195)

- Ans**
- ☒ A. (23, 6, 133)
 - ☐ B. (26, 4, 104)
 - ☐ C. (21, 11, 236)
 - ☐ D. (18, 10, 185)

Q.41 Which measurement method includes all those who are found unemployed in the reference year and reflects chronic unemployment?

- Ans**
- ☐ A. Current Daily Status Unemployment
 - ☐ B. Current Weekly Status Unemployment
 - ☐ C. Usual Subsidiary Status Unemployment
 - ☒ D. Usual Principal Status Unemployment

Q.42 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. JM-OR
 - ☐ B. PS-UX
 - ☒ C. LO-PV
 - ☐ D. NQ-SV

Q.43 What leads to rancidity in food products?

- Ans
- ☐ A. Fermentation
 - ☐ B. Reduction
 - ☐ C. Evaporation
 - ☒ D. Oxidation

Q.44 'Oriya' was replaced with 'Odia' in the Eighth Schedule by which Constitutional Amendment?

- Ans
- ☒ A. 96th Amendment
 - ☐ B. 94th Amendment
 - ☐ C. 97th Amendment
 - ☐ D. 95th Amendment

Q.45 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	18	10	15	14	30	40	34

- Ans
- ☐ A. 70.25
 - ☐ B. 72.25
 - ☒ C. 71.25
 - ☐ D. 69.25

Q.46 Who deciphered a Brahmi inscription referring king Ashoka as Devanampiya Piyadasi?

- Ans
- ☐ A. R C Majumdar
 - ☐ B. Romila Thapar
 - ☐ C. Susan Bayly
 - ☒ D. James Prinsep

Q.47 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 kites are rabbits. No kite is an eagle. All eagles are pigs.

Conclusions:

- (I) No pig is a rabbit.
(II) Some pigs are kites.

- 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.48 Which international waterway is most vital for world trade, linking the Mediterranean Sea with the Red Sea?

- Ans
- ☐ A. Bosphorus Strait
 - ☐ B. Strait of Malacca
 - ☒ C. Suez Canal
 - ☐ D. Panama Canal

Q.49 There are ₹5, ₹2, and ₹1 coins amounting to a total of ₹212. The total number of coins is 112. The number of ₹2 coins is 50 more than the number of ₹5 coins. Find the number of ₹1 coins.

- Ans**
- ☒ A. 42
 - ☐ B. 50
 - ☐ C. 10
 - ☐ D. 25

Q.50 Two pipes can fill a tank in 4 hours and 24 hours, respectively. A third pipe can empty the tank in 6 hours. If all three pipes are opened together, how long (in hours) will it take to fill half of the empty tank?

- Ans**
- ☐ A. 2 hours
 - ☐ B. 6 hours
 - ☐ C. 3 hours
 - ☒ D. 4 hours

Q.51 Find the volume of largest possible sphere that can be inscribed in a cone whose base radius is $42\sqrt{3}$ cm and slant height equal to the diameter of the base. (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ A. 314046 cm³
 - ☐ B. 301644 cm³
 - ☐ C. 314064 cm³
 - ☒ D. 310464 cm³

Q.52 What is the average of all the natural numbers from 1 to 60?

- Ans**
- ☐ A. 31
 - ☐ B. 31.5
 - ☐ C. 30
 - ☒ D. 30.5

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 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.)
 $8 - 18 - 36 - 56$; $12 - 22 - 44 - 64$

- Ans**
- ☐ A. $15 - 25 - 50 - 80$
 - ☒ B. $20 - 30 - 60 - 80$
 - ☐ C. $10 - 20 - 40 - 80$
 - ☐ D. $17 - 27 - 44 - 54$

Q.54 There are 39 members in group A, 33 members in group B and 52 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹377, ₹401 and ₹233, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 324
 - ☐ B. 328
 - ☒ C. 323
 - ☐ D. 325

Q.55 Ghana Vadya or idiophone instruments are those non-drum percussion musical instruments that do not require any tuning. _____ is an example of a Ghana Vadya.

- Ans**
- ☐ A. Pungi
 - ☐ B. Sarangi
 - ☒ C. Ghatam
 - ☐ D. Shehnai

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. Kunal, Mohit, Rohan, Sandeep, and Tarun - each have different age. Who is the oldest?

(I) Mohit is older than Kunal but younger than Sandeep.

(II) Tarun is younger than Sandeep but older than Mohit.

- 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. 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.57 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only two people sit between F and B when counted from the right of F. Only two people sit between B and A when counted from the left of A. Only three people sit between F and C when counted from the right of F. E sits to the immediate left of D. How many people sit between A and E when counted from the right of A?

- Ans**
- ☐ A. 4
 - ☒ B. 1
 - ☐ C. 2
 - ☐ D. 3

Q.58 If $(125)^{1.3} \times (25)^{1.8} \div (5)^{2.5} = 5^x$, then find the value of $18x - 5$.

- Ans**
- ☒ A. 85
 - ☐ B. 95
 - ☐ C. 80
 - ☐ D. 90

Q.59 What major change happened in India's agriculture and industrial sectors after the economic reforms of 1991?

- Ans**
- ☐ A. The government increased control over private industries.
 - ☐ B. Farming became the only source of national income.
 - ☒ C. More private companies and foreign investments were allowed.
 - ☐ D. Only agriculture was given importance, not industry.

Q.60 Who implemented the "Blue Water Policy" in India?

- Ans**
- ☐ A. Henry the Navigator
 - ☐ B. Joao de Castro
 - ☐ C. Albuquerque
 - ☒ D. Francisco de Almeida

Q.61 Which of the following online festivals featured documentaries on Indian classical dance exponents in 2020?

- Ans**
- ☐ A. Natya Utsav
 - ☐ B. Nritya Mahotsav
 - ☐ C. Rangmanch
 - ☒ D. Nrityanjali

Q.62 In 2025, India achieved which milestone in the UN Sustainable Development Goals (SDGs) rankings?

- Ans**
- ☒ A. India achieved all SDGs.
 - ☒ B. India entered the top 100 for the first time.
 - ☒ C. India dropped out of the top 100.
 - ☒ D. India ranked first globally.

Q.63 Which natural disaster involves mass movement of snow, ice, and rock down a mountain?

- Ans**
- ☒ A. Tsunami
 - ☒ B. Avalanche
 - ☒ C. Landslide
 - ☒ D. Cyclone

Q.64 If $a : b = 1 : 3$, $b : c = 5 : 7$ and $c : d = 9 : 5$, then the value of $a : b : c : d$ is:

- Ans**
- ☒ A. 15 : 75 : 105 : 35
 - ☒ B. 5 : 75 : 105 : 35
 - ☒ C. 15 : 45 : 63 : 35
 - ☒ D. 25 : 75 : 105 : 45

Q.65 Find the volume (in cm^3) of a sphere having a diameter of 37.8 cm, giving your answer correct to two places of decimal.

$$\text{take } \pi = \frac{22}{7}$$

- Ans**
- ☒ A. 28281.03
 - ☒ B. 28291.03
 - ☒ C. 28311.03
 - ☒ D. 28301.03

Q.66 Refer to the following letter, number and symbol series and answer the question that follows. All numbers are single digit numbers only.

(Left) D T £ © 3 6 Z % U \$ 8 2 7 P * @ 3 J V © H N (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. Z

Q.67 On which occasion in 2024 did Prime Minister Narendra Modi launch the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan (DAJGUA)?

- Ans**
- ☒ A. Republic Day
 - ☒ B. Birth Anniversary of Mahatma Gandhi
 - ☒ C. Independence Day
 - ☒ D. World Environment Day

Q.68 Kamal, Lalit, Manish, Neil, Om and Pawan 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. Lalit lives on an even-numbered floor. Lalit lives on a floor immediately below Kamal's floor and immediately above Manish's floor. Pawan lives on a floor immediately above Neil's floor. Pawan lives on an even-numbered floor. Om does not live on floor number 4. On which floor does Om live?

- Ans**
- ☐ A. 2nd
 - ☐ B. 5th
 - ☐ C. 3rd
 - ☒ D. 6th

Q.69 A shopkeeper fixes the marked price of an item 150% above its cost price. What percentage of discount on marked price should be allowed to gain 60%?

- Ans**
- ☒ A. 36%
 - ☐ B. 34%
 - ☐ C. 33%
 - ☐ D. 39%

Q.70 GJHA is related to JNLD in a certain way based on the English alphabetical order. In the same way, KMEL is related to NQIO. To which of the following is NROT related, following the same logic?

- Ans**
- ☐ A. QWZT
 - ☐ B. SWVQ
 - ☐ C. QWTT
 - ☒ D. QVSW

Q.71 How many nations became signatories to the United Nations Convention against Cybercrime in December 2025?

- Ans**
- ☐ A. 151
 - ☐ B. 122
 - ☒ C. 72
 - ☐ D. 190

Q.72 A rise in the sea surface temperature in the Pacific Ocean accompanied by deficient rainfall in India is associated with which of the following phenomena?

- Ans**
- ☐ A. Sa Nina
 - ☐ B. Chi Nina
 - ☒ C. El Nino
 - ☐ D. Pro Nino

Q.73 The minimum value of the expression $\max \{p^2 - 2p + 4, -p^2 + 2p - 4\}$ in the range $0 \leq p \leq 1$ is:

- Ans**
- ☐ A. 2
 - ☐ B. 4
 - ☐ C. 1
 - ☒ D. 3

Q.74 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 12 years on simple interest?

- Ans**
- ☐ A. 35.33
 - ☐ B. 31.33
 - ☒ C. 33.33
 - ☐ D. 66.66

Q.75 In most web browsers, when multiple tabs are open in a web browser, pressing Ctrl + Tab performs which action?

- Ans
- ☐ A. Launches a new tab
 - ☐ B. Navigates to the previous tab on the left
 - ☐ C. Removes the selected tab
 - ☒ D. Navigates to the next tab on the right

Q.76 Which type of lens is used in a simple microscope?

- Ans
- ☐ A. Plano-concave
 - ☐ B. Biconcave
 - ☒ C. Biconvex
 - ☐ D. Cylindrical

Q.77 Chetan's salary is ₹18000 per month. He spends ₹5000 on house rent, ₹2000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly saving for birthday celebration.

- Ans
- ☐ A. 132000
 - ☒ B. 121000
 - ☐ C. 110000
 - ☐ D. 99000

Q.78 The least common multiple of $x^{3.5} \times y^{1.5}$, $\frac{y^{2.5}}{x^{-4.5}}$, and $\frac{x}{y^{-3}}$ is:

- Ans
- ☒ A. $(xy)^3 \sqrt{x^3}$
 - ☐ B. $(xy)^2 \sqrt{y^3}$
 - ☐ C. $(xy)^2 \sqrt{x^3}$
 - ☐ D. $(xy)^3 \sqrt{y^3}$

Q.79 Simplify: $\frac{(4.23)^3 - 0.69 \times (4.23)^2 + 12.69(0.23)^2 - (0.23)^3}{0.4 \times 0.4 \times 4}$

- Ans
- ☐ A. 1000
 - ☐ B. 10
 - ☒ C. 100
 - ☐ D. 1

Q.80 A chemical research laboratory uses three compounds A, B, and C in the cost ratio 3 : 5 : 7. When a fourth compound D is added to the mixture, the total cost increases by 40%. If the new ratio becomes A : B : C : D = 3 : 5 : 7 : x, what is the value of x?

- Ans
- ☐ A. 9
 - ☐ B. 8
 - ☐ C. 4
 - ☒ D. 6

Q.81 Who is officially authorized to conduct environment audits under the Environment Audit Rules, 2025?

- Ans
- ☐ A. Environment Audit Designated Agency
 - ☒ B. Registered Environment Auditor
 - ☐ C. Environmental Consultant
 - ☐ D. Certified Environment Auditor

Q.82 Which of the following locations stores recently opened files in Windows for quick access?

- Ans**
- ☒ A. Recycle Bin
 - ☒ B. Quick Access
 - ☒ C. Desktop
 - ☒ D. Control Panel

Q.83 What should come in place of '?' in the given series?

9 11 14 19 26 ?

- Ans**
- ☒ A. 35
 - ☒ B. 37
 - ☒ C. 39
 - ☒ D. 41

Q.84 The Economic Survey 2024–25 states that India's foreign exchange reserves were adequate to cover approximately what percentage of external debt as of December 2024?

- Ans**
- ☒ A. More than 110%
 - ☒ B. About 60%
 - ☒ C. About 90%
 - ☒ D. About 75%

Q.85 Which global event in 1992 popularized sustainable development?

- Ans**
- ☒ A. Kyoto Protocol
 - ☒ B. Montreal Protocol
 - ☒ C. Rio Earth Summit
 - ☒ D. Paris Agreement

Q.86 Four classes have a ratio of boys to girls as 4 : 5, 3 : 2, 6 : 5 and 5 : 6, respectively. Which class has a higher proportion of boys?

- Ans**
- ☒ A. Second class (3 : 2)
 - ☒ B. Third class (6 : 5)
 - ☒ C. First class (4 : 5)
 - ☒ D. Fourth class (5 : 6)

Q.87 $\frac{\sqrt[3]{2197}}{\sqrt[4]{10000}} \times \frac{5}{39} \times 48 = ?$

- Ans**
- ☒ A. 8
 - ☒ B. 4
 - ☒ C. 2
 - ☒ D. 16

Q.88 Which of these Union Territories has a legislative assembly and council of ministers?

- Ans**
- ☒ A. Daman and Diu
 - ☒ B. Andaman and Nicobar Islands
 - ☒ C. Puducherry
 - ☒ D. Dadra and Nagar Haveli

Q.89 Which Article of the Indian Constitution was given practical effect through the 73rd Constitutional Amendment Act, 1992, leading to the establishment of the Panchayati Raj System in India?

- Ans**
- ☐ A. Article 38
 - ☒ B. Article 40
 - ☐ C. Article 56
 - ☐ D. Article 48

Q.90 A shopkeeper buys 45 identical calculators for ₹54,000. He sells 30 of them at a profit of 25% and the remaining at a loss of 20%. What is the overall profit or loss percentage?

- Ans**
- ☐ A. 5% profit
 - ☒ B. 10% profit
 - ☐ C. 5% loss
 - ☐ D. 10% loss

Q.91 Let ABC be a right-angled triangle such that $\angle B = 90^\circ$, $AB = 12$ cm and $AC = 13$ cm. Find the value of $\tan A - \cot C$.

- Ans**
- ☐ A. 2
 - ☐ B. 6
 - ☒ C. 0
 - ☐ D. 5

Q.92 A shopkeeper professes to sell his goods at a 20% loss but uses a false balance and gains 40%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:

- Ans**
- ☐ A. 568.8 gm
 - ☐ B. 576.7 gm
 - ☒ C. 571.4 gm
 - ☐ D. 575.4 gm

Q.93 Seven friends – A, B, C, D, E, F and G – each have a meeting on a different day of the week, starting from Monday to Sunday. C has a meeting on Thursday. Only one person has a meeting between C and F. A's meeting is immediately before F's, but not on a Monday. Only two persons have meetings between A and G. B's meeting is before E's but after D's. On which day does B have the meeting?

- Ans**
- ☐ A. Friday
 - ☒ B. Wednesday
 - ☐ C. Tuesday
 - ☐ D. Monday

Q.94 What is the maximum value that must be assigned to A so that the 8-digit number 445A0208 is divisible by 3?

- Ans**
- ☐ A. 9
 - ☐ B. 5
 - ☐ C. 2
 - ☒ D. 7

Q.95 Two taps can fill a cistern in 4 hours and 32 hours respectively. A third tap can empty it in 32 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans**
- ☐ A. 4
 - ☒ B. 1
 - ☐ C. 2
 - ☐ D. 3

Q.96 Which of the following devices functions as both an input and an output device?

- Ans**
- ☐ A. Printer
 - ☐ B. Speaker
 - ☒ C. Touchscreen
 - ☐ D. Keyboard

Q.97 Which of the following is correct with respect to the theme of Yamuna Paryatam, the first novel in Marathi?

- Ans**
- ☐ A. Praised Hindu customs
 - ☐ B. Focused on Political life of Yamuna region
 - ☒ C. Criticized Hindu practices regarding widows
 - ☐ D. Focused on adventure stories

Q.98 Amit invested equal amounts at simple interest and compound interest, compounded annually, for 2 years at the same rate of 4% per annum. In the end, he found a difference of ₹53 between the two interests earned. What was the amount (in ₹) invested in each case?

- Ans**
- ☐ A. 33475
 - ☒ B. 33125
 - ☐ C. 32375
 - ☐ D. 32225

Q.99 Which of the following statements is INCORRECT in the context of the Indian National Congress (INC)?

- Ans**
- ☐ A. Womesh Chandra Bonnerjee was the first Hindu President of the INC
 - ☒ B. Badruddin Tyabji was the first Jainist President of the INC
 - ☐ C. George Yule was the first non-Indian President of the INC
 - ☐ D. Dadabhai Naoroji was the first Parsi President of the INC

Q.100 Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)
(Left) Ω % + # 3 ? = £ 1 4 9 2 6 5 @ 7 & \$ ~ * 8 (Right)
How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans**
- ☐ A. Three
 - ☐ B. Four
 - ☒ C. One
 - ☐ D. Two



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	22/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 What is the inflation target set by the Government of India under the Monetary Policy Committee framework until April 2026?

- Ans ☒ A. 4% with a tolerance of $\pm 2\%$
- ☒ B. 3% with a tolerance of $\pm 1\%$
- ☒ C. 5% with a tolerance of $\pm 2\%$
- ☒ D. 6% with no specified tolerance

Q.2 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$13 \text{ B } 2 \text{ C } 6 \text{ D } 8 \text{ A } 4 = ?$$

- Ans ☒ A. 29
- ☒ B. 27
- ☒ C. 30
- ☒ D. 28

Q.3 A shopkeeper fixes the marked price of an item 100% above its cost price. What percentage of discount on marked price should be allowed to gain 88%?

- Ans ☒ A. 4%
- ☒ B. 6%
- ☒ C. 5%
- ☒ D. 3%

Q.4 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. ZC-AD
- ☒ B. OR-OU
- ☒ C. DG-EH
- ☒ D. RU-SV

Q.5 This question is based on the five, three-digit numbers given below.
(Left) 442 405 297 384 316 (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 third digit of the highest number is added to the second digit of lowest number ?

- Ans**
- ☐ A. 12
 - ☒ B. 11
 - ☐ C. 10
 - ☐ D. 9

Q.6 Thermal pollution primarily results from which action related to industrial processes?

- Ans**
- ☐ A. Addition of detergents
 - ☐ B. Release of heavy metals
 - ☒ C. Use of water as a coolant
 - ☐ D. Suspended solid accumulation

Q.7 What was the Diwan-i-Riyasat under Alauddin Khilji?

- Ans**
- ☐ A. Department of religious endowments
 - ☐ B. Department of agriculture
 - ☒ C. Department controlling markets and prices
 - ☐ D. Department of royal correspondence

Q.8 Warli painting, a traditional tribal art form, originates from which Indian state?

- Ans**
- ☐ A. Odisha
 - ☐ B. Rajasthan
 - ☒ C. Maharashtra
 - ☐ D. Madhya Pradesh

Q.9 Under the Constitution (101st Amendment) Act, 2016, who has the exclusive power to make laws on GST, where the supply of goods or services takes place in the course of interstate trade or commerce?

- Ans**
- ☒ A. Parliament
 - ☐ B. NITI Ayog
 - ☐ C. President of India
 - ☐ D. State Legislatures

Q.10 The standard deviation of 7 consecutive integers with mean 0 is _____.

- Ans**
- ☐ A. 1
 - ☐ B. 3
 - ☐ C. 0
 - ☒ D. 2

Q.11 Convert the recurring decimal $0.2\overline{6}$ into a vulgar fraction.

- Ans**
- ☐ A. $\frac{1}{15}$
 - ☒ B. $\frac{4}{15}$
 - ☐ C. $\frac{7}{15}$
 - ☐ D. $\frac{2}{15}$

Q.12 22 is related to 60 following a certain logic. Following the same logic, 27 is related to 75. To which of the following is 33 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. 86
 - ☒ B. 97
 - ☒ C. 103
 - ☒ D. 93

Q.13 20% of a number is more than 20% of 620 by 200. The number is:

- Ans
- ☒ A. 1470
 - ☒ B. 1670
 - ☒ C. 1620
 - ☒ D. 1720

Q.14 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 hands are legs. Some hands are faces. Some faces are arms.

Conclusions:

- (I) Some legs are faces.
(II) Some hands are arms.

- 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

Q.15 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
DHG 42 CGF 38 BFE 34 AED 30 ?

- Ans
- ☒ A. ZDC 26
 - ☒ B. ZDI 25
 - ☒ C. ZEB 26
 - ☒ D. ZCB 25

Q.16 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only two people sit to the left of C. Only three people sit between C and F. B sits second to the right of C. Only two people sit between B and D. E sits at some place to the right of G but at some place to the left of A. How many people sit to the left of D?

- Ans
- ☒ A. 1
 - ☒ B. 3
 - ☒ C. 4
 - ☒ D. 2

Q.17 Let ABC be a right-angled triangle such that $\angle B = 90^\circ$, $\angle ACB = 30^\circ$ and $AB = 5$ cm. Find the value (in cm) of $AC + BC$.

- Ans
- ☒ A. $10 + 2\sqrt{3}$
 - ☒ B. $5\sqrt{3}$
 - ☒ C. $10 + 5\sqrt{3}$
 - ☒ D. $12\sqrt{3}$

Q.18 A tourist covers his 120 km journey in three stages. In the first stage, he travels at a speed of x km/hr. In the second stage, he increases his speed by 50%. In the third stage, he reduces his second-stage speed by 20%. He spends equal time on all the 3 stages, and his average speed for the entire journey is 48 km/hr. Find the value of x correct to one decimal place.

- Ans** ☒ A. 38.9
☐ B. 38.3
☐ C. 39.3
☐ D. 40.3

Q.19 The abbreviation ASCII is a critical computer standard used worldwide. The letter C in ASCII stands for Code, indicating that ASCII is a standard system for assigning a unique numerical value to every single character, which is known as a character _____.

- Ans** ☐ A. processing chip
☐ B. memory component
☒ C. encoding scheme
☐ D. input device

Q.20 Which metric indicates the average number of instructions a CPU executes per clock cycle?

- Ans** ☐ A. Core count
☐ B. Bus speed
☒ C. IPC (Instructions Per Cycle)
☐ D. Clock speed

Q.21 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
NVA 7 KSX 14 HPU 21 EMR 28 ?

- Ans** ☐ A. LST 40
☐ B. WPF 37
☒ C. BJO 35
☐ D. NDP 35

Q.22 Which language was predominantly used by Amir Khusrau in his literary compositions during the Delhi Sultanate period?

- Ans** ☐ A. Apabhramsha
☐ B. Prakrit
☐ C. Sanskrit
☒ D. Persian

Q.23 If A's salary is 130% more than that of B, then by how much percent is B's salary less than that of A (correct to 2 decimal places)?

- Ans** ☐ A. 58.42%
☒ B. 56.52%
☐ C. 55.88%
☐ D. 54.62%

Q.24 Who among the following is credited with establishing the 'Servants of India Society' to promote education and social reforms during the Indian National Movement?

- Ans** ☐ A. Bipin Chandra Pal
☐ B. Dadabhai Naoroji
☐ C. Lala Lajpat Rai
☒ D. Gopal Krishna Gokhale

Q.25 Find the solution of the following system of linear equations:

$$x + 4y + 2z = 12$$

$$2x - y + z = 3$$

$$x + y - z = 0$$

- Ans
- ☐ A. $x = \frac{5}{2}, y = 1, z = \frac{3}{2}$
- ☐ B. $x = 1, y = \frac{5}{2}, z = \frac{3}{2}$
- ☒ C. $x = 1, y = \frac{3}{2}, z = \frac{5}{2}$
- ☐ D. $x = \frac{3}{2}, y = 1, z = \frac{5}{2}$

Q.26 Seven boxes M, A, R, K, E, T and S are kept one over the other but not necessarily in the same order. Only S is kept between E and T. Only K is kept below R. Only A is kept above E. How many boxes are kept between M and K?

- Ans
- ☐ A. Two
- ☐ B. Zero
- ☒ C. One
- ☐ D. Three

Q.27 Which among the following is NOT a document related to Good Governance?

- Ans
- ☒ A. National Forest Policy, 1988
- ☐ B. Citizen Charter
- ☐ C. Second Administrative Reforms Commission
- ☐ D. Sevottam Model

Q.28 The mode of the following data is 36. Find the missing frequency in it.

Class Interval	0-10	10-20	20-30	30-40	40-50
Frequency	4	6	--	9	5

- Ans
- ☒ A. 3
- ☐ B. 5
- ☐ C. 4
- ☐ D. 6

Q.29 The power of High Courts to issue writs for purposes beyond Fundamental Rights is given under _____.

- Ans
- ☐ A. Article 32
- ☐ B. Article 245
- ☐ C. Article 227
- ☒ D. Article 226

Q.30 Let C be a circle with centre O and AB be a minor arc on C. Let S be a point on the minor arc AB. If AB subtends an angle 120° at O, then find the measure of $\angle ASB$.

- Ans
- ☒ A. 120°
- ☐ B. 110°
- ☐ C. 100°
- ☐ D. 60°

Q.31 Which combination of symptoms is the most common characteristic of influenza in humans?

- Ans**
- ☒ A. Fever, cough, and body aches
 - ☐ B. Rash, itching, and swelling
 - ☐ C. Chest pain, palpitations, and sweating
 - ☐ D. Vomiting, diarrhea, and dehydration

Q.32 Two pipes can fill a cistern in 24 minutes and 36 minutes, respectively. A third pipe can empty it in 18 minutes. If all three are opened together, how long will it take to fill the tank?

- Ans**
- ☐ A. 144 minutes
 - ☐ B. 60 minutes
 - ☐ C. 108 minutes
 - ☒ D. 72 minutes

Q.33 Which of the following countries is the youngest country in terms of the lowest median age for the year 2024?

- Ans**
- ☐ A. Iraq
 - ☐ B. Palestine
 - ☒ C. Niger
 - ☐ D. Afghanistan

Q.34 Dhruv starts from Point A and drives 38 km towards the East. He then takes a left turn, drives 35 km, turns left and drives 39 km. He then takes a left turn and drives 37 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 North
 - ☐ B. 3 km to the North
 - ☐ C. 1 km to the North
 - ☒ D. 2 km to the North

Q.35 In January 2025, Algeria signed a memorandum of understanding with the United States that focuses on _____.

- Ans**
- ☐ A. educational cooperation
 - ☒ B. military cooperation
 - ☐ C. agricultural cooperation
 - ☐ D. healthcare cooperation

Q.36 In July 2025, Himachal Pradesh government began temporarily relocating families, due to landslide threats, from a village called Kalang located in which district?

- Ans**
- ☐ A. Kullu district
 - ☐ B. Kangra district
 - ☐ C. Shimla district
 - ☒ D. Mandi district

Q.37 100 men have provisions for 26 days. If 48 men have left, for how many days the same provisions would last for the remaining men?

- Ans**
- ☐ A. 54
 - ☐ B. 48
 - ☒ C. 50
 - ☐ D. 52

Q.38 Which disease is caused specifically by a deficiency of Vitamin B1?

- Ans
- ☐ A. Scurvy
 - ☐ B. Night blindness
 - ☐ C. Rickets
 - ☒ D. Beri-beri

Q.39 What should come in place of '?' in the given series?

111 110 106 97 81 ?

- Ans
- ☒ A. 56
 - ☐ B. 74
 - ☐ C. 57
 - ☐ D. 73

Q.40 Which Indian city is known as the "Silicon Valley of India" due to its thriving IT services sector?

- Ans
- ☐ A. Chennai
 - ☐ B. Hyderabad
 - ☒ C. Bengaluru
 - ☐ D. Mumbai

Q.41 The ratio of the ages of two persons, P and Q, is 3 : 4. After 6 years, the ratio of their ages will become 4 : 5. What is the present age of P?

- Ans
- ☒ A. 18 years
 - ☐ B. 30 years
 - ☐ C. 20 years
 - ☐ D. 13 years

Q.42 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 :: ?

: POM :: LKI : %

- Ans
- ☐ A. # = TJQ , % = HFL
 - ☐ B. # = SRP , % = GFE
 - ☐ C. # = RTP , % = GFM
 - ☒ D. # = TSQ , % = HGE

Q.43 Find the number of possible values for a natural number N such that the LCM of 120 and N is 360, and the HCF of 900 and N is 90.

- Ans
- ☐ A. 4
 - ☐ B. 3
 - ☒ C. 1
 - ☐ D. 2

Q.44 Which of the following teams secured the table tennis ITTF Mixed Team World Cup title in December 2025 after emerging victorious in the final at Chengdu?

- Ans
- ☐ A. Germany
 - ☐ B. Japan
 - ☐ C. Republic of Korea
 - ☒ D. People's Republic of China

Q.45 23 is related to 139 following a certain logic. Following the same logic, 28 is related to 169. To which of the following is 25 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. 146
 - ☐ C. 155
 - ☐ D. 141

Q.46 At what rate per annum will a sum of money become five times itself in 10 years under simple interest?

- Ans**
- ☐ A. 80%
 - ☐ B. 38%
 - ☒ C. 40%
 - ☐ D. 42%

Q.47 The Garo, Khasi, Jaintia, and Naga Hills, which run almost east–west, are connected to which hill chain that extends in a north–south direction?

- Ans**
- ☐ A. Nilgiri and Rakhine Hills
 - ☒ B. Mizo and Rakhine Hills
 - ☐ C. Satpura and Mizo Hills
 - ☐ D. Mizo and Vindhya Hills

Q.48 In a certain code language,
A + B means 'A is the sister of B'
A - B means 'A is the husband of B'
A × B means 'A is the son of B'
A ÷ B means 'A is the daughter of B'.

Based on the above, how is T related to S if 'T + P × M - V ÷ S'?

- Ans**
- ☐ A. Brother's daughter
 - ☐ B. Son's daughter
 - ☒ C. Daughter's daughter
 - ☐ D. Sister's daughter

Q.49 The sum of 12 numbers is 528. Find their average.

- Ans**
- ☐ A. 42
 - ☐ B. 43
 - ☒ C. 44
 - ☐ D. 45

Q.50 Each of L, M, N, O, A, B and C has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has exam before N. Only three people have exams between N and O. Only one person has exam between O and M. L has exam on Wednesday. B has exam on one of the days after C but on one of the days before A. On which day of the week does B have exam?

- Ans**
- ☐ A. Saturday
 - ☐ B. Monday
 - ☒ C. Thursday
 - ☐ D. Tuesday

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 man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ A. AB - DE
 - ☒ B. XY - YZ
 - ☒ C. TU - WX
 - ☒ D. KL - NO

Q.52 Refer to the following number, symbol series and answer the question.
(Left) 5 # % 8 * \$ % @ 1 3 @ \$ 4 6 9 7 # \$ 2 % 5 4 (Right)

If all the numbers are dropped from the series, which of the following will be fourth from the left?

- Ans
- ☒ A. \$
 - ☒ B. #
 - ☒ C. %
 - ☒ D. *

Q.53 Find the difference between the values of 'm' for which $2m = 5\sqrt{m} - 2$.

- Ans
- ☒ A. $\frac{8}{3}$
 - ☒ B. $\frac{15}{4}$
 - ☒ C. $2\sqrt{3}$
 - ☒ D. $2\sqrt{2}$

Q.54 If '+' means '-', '-' means 'x', 'x' means '+', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$79 - 8 \div 55 + 423 \times 3 = ?$$

- Ans
- ☒ A. 546
 - ☒ B. 519
 - ☒ C. 525
 - ☒ D. 584

Q.55 There are 21 members in group A, 11 members in group B and 17 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹465, ₹410 and ₹466, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☒ A. 454
 - ☒ B. 453
 - ☒ C. 452
 - ☒ D. 455

Q.56 Who is widely regarded as the 'Father of Computers' for designing the first mechanical computing device?

- Ans
- ☒ A. Charles Babbage
 - ☒ B. Blaise Pascal
 - ☒ C. Alan Turing
 - ☒ D. John von Neumann

Q.57 A bag contains coins of ₹1, ₹2, and ₹5 in the ratio 8 : 4 : 3. If the total value of the coins is ₹930, what is the total number of coins in the bag?

- Ans**
- ☐ A. 400
 - ☒ B. 450
 - ☐ C. 420
 - ☐ D. 480

Q.58 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 65 m/min for 60 min. Her average speed (in m/min) for the entire journey is:

- Ans**
- ☐ A. 31
 - ☐ B. 42
 - ☒ C. 38
 - ☐ D. 44

Q.59 Which of the following factors most significantly contributed to the emergence of Indian multinational corporations like Reliance Industries and Tata Group in the post-reform era?

- Ans**
- ☐ A. Continued government subsidies
 - ☐ B. Expansion of nationalized sectors
 - ☐ C. Growth in agricultural exports
 - ☒ D. Globalization and privatization

Q.60 The price of each article of type P, Q, and R is ₹280, ₹180 and ₹120, respectively. Subrata buys articles of each type in the ratio 3 : 2 : 3 for ₹6,240. How many articles of type Q did he purchase?

- Ans**
- ☐ A. 16
 - ☒ B. 8
 - ☐ C. 14
 - ☐ D. 5

Q.61 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only one person sits between P and B when counted from the right of P. O sits third to the left of Q. C sits third to the left of D. Q sits to the immediate right of C. R is not an immediate neighbor of C. How many people sit between R and B when counted from the right of R?

- Ans**
- ☐ A. Two
 - ☐ B. One
 - ☐ C. Four
 - ☒ D. Three

Q.62 In a certain code language,
X + Y means 'X is the husband of Y',
X - Y means 'X is the mother of Y',
X × Y means 'X is the sister of Y' and
X ÷ Y means 'X is the father of Y'.

Based on the above, how is P related to T if 'P + Q - R × S ÷ T'?

- Ans**
- ☐ A. Mother's brother
 - ☐ B. Father's brother
 - ☒ C. Father's father
 - ☐ D. Mother's father

Q.63 What law, as of December 2025, requires intermediaries to act against unlawful and harmful online content affecting children in India?

Ans ☒ A. Child Protection Online Policy, 2020

☒ B. National Child Safety Protocol, 2022

☒ C. Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021

☒ D. Digital Services Regulation Act, 2024

Q.64 In a certain code language, 'BELL' is coded as '1582' and 'SELL' is coded as '2568'. What is the code for 'S' in that language?

Ans ☒ A. 6

☒ B. 1

☒ C. 2

☒ D. 5

Q.65 In 2025, Bagram Air Base, the largest air base mentioned in the news after U.S. President Donald Trump's bid to retake it, is located in which country?

Ans ☒ A. Uzbekistan

☒ B. Afghanistan

☒ C. Iran

☒ D. Pakistan

Q.66 In a certain code language, 'TOUR' is coded as '4791' and 'FORT' is coded as '1279'. What is the code for 'F' in the given code language?

Ans ☒ A. 1

☒ B. 2

☒ C. 9

☒ D. 7

Q.67 If $x^4 - 83x^2 + 1 = 0$ and $x > 0$, then the value of $\sqrt{x^3 - x^{-3} + 28}$ is:

Ans ☒ A. 29

☒ B. 27

☒ C. 28

☒ D. 26

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 :: ?

: LKP :: TSX : %

Ans ☒ A. # = QIV % = OLL

☒ B. # = ISU % = ONM

☒ C. # = QPU % = ONS

☒ D. # = QNU % = OIB

Q.69 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 only.

(Left) 2 < 8 5 8 7 4 9 \$ % % % & @ ? & @ 5 9 6 ? (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. Three

☒ B. Two

☒ C. None

☒ D. One

Q.70 Which of the following terms is used for places that serve as the meeting point of two or more transport routes?

- Ans**
- ☐ A. Network
 - ☐ B. Grid
 - ☐ C. Link
 - ☒ D. Node

Q.71 Which wind system blows consistently from high-pressure to low-pressure areas year-round?

- Ans**
- ☐ A. Polar winds
 - ☐ B. Local winds
 - ☒ C. Planetary winds
 - ☐ D. Periodic winds

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:

All crabs are bats. All bats are wigs. All wigs are dogs.

Conclusions:

- (I) All crabs are dogs.
(II) Some dogs are bats.

- 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

Q.73 The areas of two similar triangles are 841 cm^2 and 676 cm^2 , respectively. What is the ratio of their corresponding altitudes?

- Ans**
- ☐ A. 38 : 27
 - ☒ B. 29 : 26
 - ☐ C. 24 : 28
 - ☐ D. 27 : 24

Q.74 On 21 December 2025, President Droupadi Murmu approved the Viksit Bharat—Guarantee for Rozgar and Ajeevika Mission (Gramin) (VB–G RAM G) Bill, 2025, enhancing rural wage employment guarantee to which of the following days in a financial year?

- Ans**
- ☐ A. 150 days
 - ☐ B. 100 days
 - ☒ C. 125 days
 - ☐ D. 175 days

Q.75 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 operations 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.)

17 - 7 - 21 - 33 ;
21 - 11 - 33 - 45

- Ans
- ☐ A. 16-8-24-48
 - ☐ B. 23-13-26-52
 - ☒ C. 14-4-12-24
 - ☐ D. 21-11-33-72

Q.76 Evaluate: $16 + 18 \div 6 - 3 \times 3$

- Ans
- ☐ A. 13
 - ☐ B. 9
 - ☒ C. 10
 - ☐ D. 12

Q.77 Six boxes, A, B, C, D, E and F are kept one over the other but not necessarily in the same order. F is placed third from the top. Only two boxes are kept between F and D. A is kept above F but somewhere below E. C is not kept at the second place from the bottom. How many boxes are kept between A and B?

- Ans
- ☒ A. Two
 - ☐ B. Three
 - ☐ C. Four
 - ☐ D. One

Q.78 The Taj Mahal, a UNESCO World Heritage Site, is located in which Indian State/UT?

- Ans
- ☒ A. Uttar Pradesh
 - ☐ B. Madhya Pradesh
 - ☐ C. Delhi
 - ☐ D. Rajasthan

Q.79 Which amendment made it constitutionally mandatory for municipalities to prepare "District Planning Committees" and "Metropolitan Planning Committees"?

- Ans
- ☒ A. 74th Amendment
 - ☐ B. 102nd Amendment
 - ☐ C. 97th Amendment
 - ☐ D. 73rd Amendment

Q.80 Which term is used to describe the conflict between the Gurjara-Pratiharas, Palas, and Rashtrakutas over the control of northern India?

- Ans
- ☒ A. Tripartite
 - ☐ B. Chakravartin
 - ☐ C. Dharmayuddha
 - ☐ D. Mahasangram

- Q.81** 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 boxes – Box-A, Box-B, Box-C, Box-D, and Box-E – have different weights. Which box is the second heaviest?
(I) Box-C is heavier than Box-A and Box-B but lighter than Box-D.
(II) Box-E is heavier than Box-C but lighter than Box-D.
- 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

Q.82 P sells an item to Q at 77% profit. Q sells the same item to R at 50% loss. If R paid ₹ 2655 for the item, then at what price (in ₹) is the item purchased by P?

- Ans** ☒ A. 3000
☒ B. 3001
☒ C. 3002
☒ D. 3003

Q.83 Which new weapon led to Mangal Pandey's agitation as a sepoy of the 34th Bengal Native Infantry?

- Ans** ☒ A. Brown Bess musket
☒ B. Matchlock gun
☒ C. Enfield rifle
☒ D. Snider rifle

Q.84 Find the area of an equilateral triangle with side 8 cm (correct to 2 decimal places).

- Ans** ☒ A. 29.91 sq. cm.
☒ B. 27.71 sq. cm.
☒ C. 26.61 sq. cm.
☒ D. 24.41 sq. cm.

Q.85 In which type of wave do particles of the medium move parallel to the direction of wave propagation?

- Ans** ☒ A. Longitudinal wave
☒ B. Transverse wave
☒ C. Electromagnetic wave
☒ D. Surface wave

Q.86 Find the value of y , satisfying $19 \times 7 \times 630 \div \sqrt{2025} = y + 517$

- Ans** ☒ A. 1345
☒ B. 1348
☒ C. 1340
☒ D. 1335

Q.87 What term describes a situation in which a person is employed but not in the desired capacity, in terms of compensation, hours, or skill level?

- Ans** ☒ A. Part-time employment
☒ B. Involuntary employment
☒ C. Low wage employment
☒ D. Underemployment

Q.88 Harshavardhana's biography Harshacharita was composed in Sanskrit by which of the following court poets?

- Ans**
- ☐ A. Ravikirti
 - ☐ B. Surasena
 - ☐ C. Vishnu Sharma
 - ☒ D. Banabhatta

Q.89 Which Article deals with the original jurisdiction of the Supreme Court?

- Ans**
- ☐ A. Article 141
 - ☐ B. Article 32
 - ☐ C. Article 124
 - ☒ D. Article 131

Q.90 What should come in place of '?' in the given series?

30 28 25 20 13 ?

- Ans**
- ☐ A. 4
 - ☐ B. 1
 - ☒ C. 2
 - ☐ D. 3

Q.91 Which event best signalled the decline of Portuguese power in India and the emergence of British and Dutch influence?

- Ans**
- ☐ A. Battle of Plassey (1757)
 - ☐ B. Establishment of Madras by the English (1639)
 - ☐ C. Treaty of Aix-la-Chapelle (1748)
 - ☒ D. Anglo-Persian capture of Hormuz (1622)

Q.92 Amit invested equal amounts at simple interest and compound interest, compounded annually, for 2 years at the same rate of 4% per annum. In the end, he noticed a difference of ₹52 between the two interests earned. What was the amount (in ₹) invested in each case?

- Ans**
- ☐ A. 31600
 - ☒ B. 32500
 - ☐ C. 31750
 - ☐ D. 32850

Q.93 LFGK is related to RKKN in a certain way based on the English alphabetical order. In the same way, GMOP is related to MRSS. To which of the following is COLU related, following the same logic?

- Ans**
- ☒ A. ITPX
 - ☐ B. JUQZ
 - ☐ C. HSOX
 - ☐ D. GWNZ

Q.94 In Windows 11, which built-in tool opens immediately when a user presses the keyboard shortcut Ctrl + Shift + Esc?

- Ans**
- ☐ A. File Explorer
 - ☒ B. Task Manager
 - ☐ C. Control Panel
 - ☐ D. Settings

Q.95 By selling an article at $\frac{3}{10}$ of its marked price, Hitesh incurs a loss of 16%.

If he sells it at 69% of its marked price, then the profit percentage is

- Ans
- ☐ A. 95.7%
 - ☐ B. 93.8%
 - ☐ C. 94.8%
 - ☒ D. 93.2%

Q.96 Which Supreme Court case, decided in April 2025, led to the 16th Presidential Reference under Article 143 concerning timelines for assent to State Bills?

- Ans
- ☒ A. State of Tamil Nadu vs Governor of Tamil Nadu
 - ☐ B. Nabam Rebia vs Deputy Speaker, Arunachal Pradesh
 - ☐ C. S.R. Bommai vs Union of India
 - ☐ D. Kaiser-I-Hind Pvt. Ltd. vs National Textile Corporation

Q.97 According to the Gandhian principles incorporated in the Directive Principles of State Policy, the State shall endeavor to promote:

- Ans
- ☐ A. Large-scale corporate farming
 - ☐ B. Industrialization in urban areas
 - ☒ C. Cottage industries on an individual or cooperative basis in rural areas
 - ☐ D. Foreign trade agreements

Q.98 Momentum of an object is defined as the product of its mass and velocity, hence what are its SI units?

- Ans
- ☒ A. kg m s⁻¹
 - ☐ B. kg m s⁻²
 - ☐ C. kg m s
 - ☐ D. g m s⁻¹

Q.99 Under the Greenhouse Gases Emission Intensity Target Rules, 2025, if an obligated entity fails to meet targets, then environmental compensation is linked to carbon credit prices. The compensation for shortfall is:

- Ans
- ☐ A. A fixed penalty per tonne decided by SPCBs
 - ☐ B. Three times the average traded price of carbon credit certificates
 - ☒ C. Twice the average traded price of carbon credit certificates
 - ☐ D. Equal to the average traded price of carbon credit certificates

Q.100 The length, breadth and height of a room are 20m, 10m and 6m, respectively. If the rate of painting the four walls and the ceiling of the room is ₹15/square metre, then find the total cost.

- Ans
- ☐ A. ₹6500
 - ☒ B. ₹8400
 - ☐ C. ₹7200
 - ☐ D. ₹9200



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	22/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 In 2025, the Global AI Conclave, reinforcing India's role as a thought leader in responsible artificial intelligence, was hosted in which city?

- Ans** ☒ A. Chennai
☒ B. Hyderabad
☒ C. Bengaluru
☒ D. New Delhi

Q.2 If 1 is added to each odd digit and 2 is added to each even digit in the number 6134527, what will be the sum of the last and first digits of the new number thus formed?

- Ans** ☒ A. 14
☒ B. 18
☒ C. 12
☒ D. 16

Q.3 The period of southwest monsoon season in India is:

- Ans** ☒ A. July to December
☒ B. June to September
☒ C. May to September
☒ D. June to November

Q.4 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans** ☒ A. TYS
☒ B. YCX
☒ C. GKF
☒ D. NRM

Q.5 In a certain code language, 'ROAD' is coded as '8657' and 'DEAR' is coded as '4567'. What is the code for 'E' in the given code language?

- Ans** ☒ A. 5
☒ B. 6
☒ C. 7
☒ D. 4

Q.6 By selling an article at $\frac{3}{10}$ of its marked price, Aman incurs a loss of 25%.

If he sells it at 69% of its actual marked price, then the profit percentage is

- Ans
- ☐ A. 75.1%
 - ☐ B. 74.1%
 - ☐ C. 73.5%
 - ☒ D. 72.5%

Q.7 In a certain code language, 'REST' is coded as '5729' and 'SEAT' is coded as '7625'. What is the code for 'A' in that language?

- Ans
- ☐ A. 2
 - ☐ B. 5
 - ☐ C. 7
 - ☒ D. 6

Q.8 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 9 : 5 : 2. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹83,000, then out of a total annual profit of ₹88,000, what is the difference between X's and Y's profit?

- Ans
- ☒ A. ₹11,200
 - ☐ B. ₹10,550
 - ☐ C. ₹10,945
 - ☐ D. ₹12,710

Q.9 Which is the latest version of Windows?

- Ans
- ☐ A. Windows 18
 - ☒ B. Windows 11
 - ☐ C. Windows 7
 - ☐ D. Windows 10

Q.10 The 24th Constitutional Amendment gave the Parliament which of the following powers?

- Ans
- ☐ A. Override judicial review
 - ☐ B. Suspend the High Court judgment
 - ☐ C. Suspend elections
 - ☒ D. Amend Fundamental Rights

Q.11 If $(5x-1)^3 + (x+3)^3 + 8(3x-4)^3 = 6(5x-1)(x+3)(3x-4)$, then the value of x is:

- Ans
- ☐ A. $\frac{3}{5}$
 - ☐ B. $\frac{3}{4}$
 - ☐ C. $\frac{1}{4}$
 - ☒ D. $\frac{1}{2}$

Q.12 The total surface area of a solid hemisphere is 281 cm^2 . What is its radius (in cm)?

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

Ans

☐ A. $\sqrt{\frac{1966}{66}}$

☒ B. $\sqrt{\frac{1967}{66}}$

☐ C. $\sqrt{\frac{1965}{66}}$

☐ D. $\sqrt{\frac{1957}{132}}$

Q.13 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. Ritu, Seema, Tanya, Usha, and Varsha scored different marks. Who scored the highest marks?

(I) Tanya scored more than Ritu and Seema but less than Usha.

(II) Varsha scored more than Tanya but less than Usha.

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.14 What is the term used for rural self-help group (SHG) women earning ₹1 lakh or more annually?

Ans ☒ A. Lakhpati Didis

☐ B. Sahyogi Didis

☐ C. Aatmanirbhar Didis

☐ D. Crorepati Didis

Q.15 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. SU - VX

☐ B. BD - EG

☐ C. IK - LN

☒ D. LM - NP

Q.16 Pipe P can fill $\frac{5}{9}$ part of a tank in 15 hours and pipe Q can fill $\frac{7}{9}$ part of the same tank in 21 hours. Both P and Q were kept open for 3 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

Ans ☐ A. 57 hours

☐ B. 58 hours

☐ C. 42 hours

☒ D. 54 hours

Q.17 A and B complete a work in 20 days. If A alone can do it in 45 days, then B alone can do three-fourth of the same work in _____ days.

- Ans**
- ☐ A. 81
 - ☐ B. 54
 - ☐ C. 108
 - ☒ D. 27

Q.18 Which Sangam text, from the 2nd century CE, is an epic about a chaste wife's devotion?

- Ans**
- ☐ A. Pattuppattu
 - ☐ B. Tolkappiyam
 - ☐ C. Manimekalai
 - ☒ D. Silappatikaram

Q.19 Which type of irrigation in India involves delivering water drop by drop at the root zone of plants?

- Ans**
- ☐ A. Surface irrigation
 - ☒ B. Drip irrigation
 - ☐ C. Sub-irrigation
 - ☐ D. Sprinkler irrigation

Q.20 The population of a village was 2,90,000. It increased by 15% in the first year and increased by 20% in the second year. Its population after two years is _____.

- Ans**
- ☐ A. 3,33,500
 - ☒ B. 4,00,200
 - ☐ C. 3,48,000
 - ☐ D. 3,91,500

Q.21 A man can row at 8 km/hr in still water. When the river flows at 2 km/hr, he takes 3 hours 12 minutes to row to a destination and back. Find the distance to the destination.

- Ans**
- ☐ A. 10 km
 - ☐ B. 8 km
 - ☐ C. 15 km
 - ☒ D. 12 km

Q.22 The part of the pomegranate that is consumed is known as:

- Ans**
- ☐ A. Pericarp
 - ☐ B. Placenta
 - ☐ C. Endocarp
 - ☒ D. Seed Coat

Q.23 Seven people, K, L, M, N, P, Q and R, are sitting around a circular table facing the centre of the table but not necessarily in the same order. Only two people sit between R and N when counted from the left of N. L sits third to the left of Q. P sits to the immediate right of Q. P sits second to the left of R. M is not an immediate neighbour of L. Who sits third to the right of K?

- Ans**
- ☐ A. R
 - ☐ B. Q
 - ☐ C. M
 - ☒ D. P

Q.24 In which year were the Telugu and Kannada languages given the status of Classical Languages by the Indian Government?

- Ans**
- ☐ A. 2006
 - ☐ B. 2004
 - ☐ C. 2014
 - ☒ D. 2008

Q.25 Which shortcut opens the system menu of an active window?

- Ans**
- ☒ A. Alt+Space
 - ☐ B. Alt+Enter
 - ☐ C. Alt+F4
 - ☐ D. Alt+Tab

Q.26 Each of the digits in the number 749216358 is arranged in descending order from left to right. What will be the product of the digits which are second from the left and third from the right in the number thus formed?

- Ans**
- ☐ A. 21
 - ☒ B. 24
 - ☐ C. 18
 - ☐ D. 16

Q.27 Which of the following was NOT an excavated site of the Banas culture?

- Ans**
- ☐ A. Gilund
 - ☐ B. Bagor
 - ☒ C. Nagda
 - ☐ D. Ahar

Q.28 Simplify: $\frac{\cos\theta}{1 + \sin\theta} + \frac{1 + \sin\theta}{\cos\theta}$.

- Ans**
- ☐ A. $2 \operatorname{cosec}\theta$
 - ☐ B. $2 \sin\theta$
 - ☒ C. $2 \sec\theta$
 - ☐ D. $2 \cos\theta$

Q.29 At what rate (in percentage) per year will a sum of money double itself in 20 years on simple interest?

- Ans**
- ☐ A. 10
 - ☒ B. 5
 - ☐ C. 7
 - ☐ D. 3

Q.30 Which characteristic best differentiates Static RAM (SRAM) from Dynamic RAM (DRAM), leading to SRAM being used for CPU cache and DRAM for main system memory (RAM)?

- Ans**
- ☐ A. DRAM is located directly on the CPU die, while SRAM is located on the motherboard.
 - ☐ B. DRAM is non-volatile, while SRAM is volatile.
 - ☒ C. SRAM is significantly faster, more expensive, and consumes less power than DRAM.
 - ☐ D. SRAM requires constant refreshing to hold data, while DRAM does not.

Q.31 Who among the following was the first Union Finance Minister of Independent India?

- Ans**
- ☐ A. Rajkumari Amrit Kaur
 - ☒ B. RK Shanmukham Chetty
 - ☐ C. Dr. CH Bhabha
 - ☐ D. Sardar Baldev Singh

Q.32 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.)

$100 - 50 - 60 - 30$; $300 - 150 - 160 - 80$

- Ans**
- ☒ A. $160 - 80 - 90 - 180$
 - ☒ B. $220 - 110 - 120 - 30$
 - ☒ C. $100 - 50 - 40 - 20$
 - ☒ D. $80 - 40 - 50 - 25$

Q.33 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) = $N * R ^ S V L ^ W O P Y \$ @ H A F ? E R$ (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. Two
 - ☒ B. Four
 - ☒ C. One
 - ☒ D. Three

Q.34 If 2820 is divided into two parts such that one-fifth of the first part and one-eighth of the second part are in the ratio 3 : 4, what is the ratio of the first part to the second part?

- Ans**
- ☒ A. 18 : 19
 - ☒ B. 15 : 32
 - ☒ C. 15 : 37
 - ☒ D. 17 : 36

Q.35 What should come in place of '?' in the given series?

34 38 46 58 74 ?

- Ans**
- ☒ A. 94
 - ☒ B. 98
 - ☒ C. 96
 - ☒ D. 92

Q.36 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 chairs are tables. Some tables are boards. No chair is a desk.

Conclusions:

(I) Some boards are tables.

(II) No table is a desk.

- 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.37 Which of the following laws stipulated the establishment of Supreme Court in 1774 in Calcutta in India?

- Ans**
- ☒ A. Regulating Act of 1773
 - ☐ B. Pitt's India Act, 1784
 - ☐ C. Charter Act of 1813
 - ☐ D. Government of India Act, 1858

Q.38 In a 150-meter race, R beats S by 6 meters. In a 250-meter race, R beats S by 2 seconds. As per this, in a race, if R runs for 30 seconds, then he beats S by ___ meters.

- Ans**
- ☐ A. 5.75
 - ☐ B. 7.25
 - ☐ C. 6.75
 - ☒ D. 6.25

Q.39 In the Mansabdari system introduced by Akbar, the term Mansab refers to which of the following?

- Ans**
- ☐ A. Spiritual leadership program
 - ☒ B. Rank or position of an official
 - ☐ C. Calendar for revenue collection
 - ☐ D. Standardized land revenue assessment

Q.40 Which post-surgical intervention, demonstrated by Indian researchers in 2025, was shown to significantly reduce pelvic recurrence in high-risk bladder cancer patients?

- Ans**
- ☐ A. Immunotherapy used as a standalone post-surgical treatment
 - ☒ B. Radiation therapy administered after bladder cancer surgery
 - ☐ C. Targeted drug therapy replacing surgery for bladder cancer
 - ☐ D. Chemotherapy administered before bladder cancer surgery

Q.41 The Golden Quadrilateral connects which of the following cities?

- Ans**
- ☐ A. Delhi, Bhopal, Ahmedabad, Mumbai
 - ☐ B. Chennai, Bangalore, Hyderabad, Kolkata
 - ☐ C. Mumbai, Pune, Hyderabad, Bangalore
 - ☒ D. Delhi, Mumbai, Chennai, Kolkata

Q.42 'Rathwa Ni Gher' is a tribal dance of the Rathwa tribal community of _____.

- Ans**
- ☐ A. Kerala
 - ☐ B. Himachal Pradesh
 - ☒ C. Gujarat
 - ☐ D. Tripura

Q.43 Each of F, L, O, W, E, R and S has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. R has exam on Thursday. Only two people have exams between F and R. Only four people have exams between S and F. W has exam on one of the days after F. E has exam on the day immediately before O. L has exam on one of the days after W. Who has exam on Friday?

- Ans**
- ☐ A. L
 - ☐ B. O
 - ☒ C. W
 - ☐ D. F

Q.44 What will be the positive difference in the population of a town 3 years ago and 2 years ago, if its current population is 450000 and the population has been increasing at a rate of 25% every year?

- Ans**
- ☐ A. 57050
 - ☐ B. 56850
 - ☐ C. 57950
 - ☒ D. 57600

Q.45 Girish scored 768 marks in an examination and was 60 marks short of 92% of maximum marks. In the same examination, his friend scored 738 marks. What is the percentage of marks scored by his friend?

- Ans**
- ☒ A. 82%
 - ☐ B. 80%
 - ☐ C. 79%
 - ☐ D. 81%

Q.46 Which of the following countries is NOT a member of the Association of Southeast Asian Nations (ASEAN)?

- Ans**
- ☐ A. Myanmar
 - ☐ B. Thailand
 - ☒ C. India
 - ☐ D. Indonesia

Q.47 Which of the following is the name of the Ethiopian volcano that erupted in November 2025?

- Ans**
- ☐ A. Melissa
 - ☐ B. Nyiragongo
 - ☐ C. Erta Ale
 - ☒ D. Hayli Gubbi

Q.48 S is married to R. S is the father of Q. Q has a sister named K and a brother named M. How is K related to R?

- Ans**
- ☐ A. Son
 - ☐ B. Husband
 - ☒ C. Daughter
 - ☐ D. Wife

Q.49 17 is related to 68 following a certain logic. Following the same logic, 24 is related to 96. To which of the following is 21 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. 89
 - ☒ B. 84
 - ☐ C. 77
 - ☐ D. 72

Q.50 What should come in place of '?' in the given series?

95 70 54 45 41 ?

- Ans**
- ☒ A. 40
 - ☐ B. 44
 - ☐ C. 42
 - ☐ D. 38

Q.51 What is the chemical reaction responsible for the leavening of bread, where carbon dioxide is produced?

- Ans**
- ☐ A. Oxidation-reduction reaction
 - ☐ B. Enzymatic reaction
 - ☐ C. Acid-base reaction
 - ☒ D. Fermentation

Q.52 The primary goal of fiscal policy reforms post-1991 was to _____.

- Ans**
- ☐ A. Stop tax collection
 - ☐ B. Ban private banks
 - ☐ C. Increase budget deficits
 - ☒ D. Reduce fiscal deficit and inflation

Q.53 What is the nature of the roots of the following quadratic equation?

$$x - \frac{1}{x} = 17$$

- Ans**
- ☐ A. Real and equal
 - ☐ B. No real roots
 - ☒ C. Real and distinct (irrational)
 - ☐ D. Real and distinct (rational)

Q.54 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.

UND : SSB
QXZ : OCX

- Ans**
- ☒ A. MHV : KMT
 - ☐ B. WRK : SWG
 - ☐ C. TBE : QFB
 - ☐ D. ZQV : VTR

Q.55 Physically, a CPU is placed on one or more microchips known as:

- Ans**
- ☒ A. Microprocessors
 - ☐ B. Integrated circuits (ICs)
 - ☐ C. Transistors
 - ☐ D. Compact disks

Q.56 The larger of two supplementary angles is 32° more than the smaller. The smaller angle (in degree) is:

- Ans**
- ☐ A. 75
 - ☐ B. 81
 - ☒ C. 74
 - ☐ D. 76

Q.57 What is the function of the anaphase-telophase transition in mitosis?

- Ans**
- ☒ A. Separation of chromatids and reformation of the nuclear envelope
 - ☐ B. Condensation of chromosomes
 - ☐ C. Synthesis of new DNA strands
 - ☐ D. Initiation of DNA replication

Q.58 Which Article, added by the 97th Amendment Act, 2011, promotes the professional management of co-operative societies?

- Ans**
- ☒ A. Article 43B
 - ☐ B. Article 48A
 - ☐ C. Article 38
 - ☐ D. Article 43A

Q.59 The Bhabar and Terai regions of the Great Indian Plains differ primarily in:

- Ans**
- ☐ A. Influenced by the Himalayan Rivers
 - ☐ B. Rainfall and wind direction
 - ☒ C. Permeability of soil and groundwater availability
 - ☐ D. Human settlement patterns

Q.60 Consider the following statements.

1. Lord Mayo's Resolution of 1870 on financial decentralization visualized the development of local self-government institutions.
2. Hobhouse was the Chairman of the Royal Commission on Decentralization.
3. Under the Government of India Act of 1919, local self-government became a reserved subject.

Which of the above statements is/are correct?

- Ans**
- ☐ A. 1, 2 and 3
 - ☐ B. 1 and 3 only
 - ☒ C. 1 and 2 only
 - ☐ D. 2 and 3 only

Q.61 In traditional development economics, development primarily meant:

- Ans**
- ☒ A. Growth of per capita real income
 - ☐ B. Rise in national income levels
 - ☐ C. Increase in employment opportunities
 - ☐ D. Expansion of industrial production

Q.62 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only two people sit between R and P when counted from the left of P. Only three people sit between C and O when counted from the left of C. P sits to the immediate right of O. B sits to the immediate right of Q. Who sits fourth to the left of D?

- Ans**
- ☐ A. P
 - ☒ B. Q
 - ☐ C. B
 - ☐ D. O

Q.63 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
QBL 8 EPZ 16 SDN 24 GRB 32 ?

- Ans**
- ☐ A. CNE 41
 - ☐ B. MSY 42
 - ☐ C. KDU 42
 - ☒ D. UFP 40

Q.64 What is the legal consequence if an Indian citizen voluntarily acquires the citizenship of a foreign country after the commencement of the Constitution?

- Ans**
- ☒ A. He/She ceases to be an Indian citizen
 - ☐ B. Indian citizenship is suspended for three years
 - ☐ C. Citizenship is retained subject to conditions
 - ☐ D. Dual citizenship is permitted

Q.65 A right circular cone has a slant height that is 3 times its radius. A plane cuts the cone parallel to the base at a height such that the smaller, upper cone has half the curved surface area of the original cone. If the diameter of the smaller cone is $6\sqrt{2}$ cm, then what is the radius (in cm) of the original cone?

- Ans**
- ☐ A. 3
 - ☒ B. 6
 - ☐ C. 9
 - ☐ D. 12

Q.66 A trader gives 5% discount on the marked price of an article and gives 2 articles free for buying 14 articles and gains 33% in the entire transaction. Assuming a customer pays for 14 articles, the marked price of an article is what percent more than its cost price?

- Ans**
- ☐ A. 52%
 - ☒ B. 60%
 - ☐ C. 68%
 - ☐ D. 58%

Q.67 At the 2025 Asia-Pacific Economic Cooperation (APEC) meeting, Chinese President Xi Jinping proposed the establishment of a global AI governance body. What is the name of this proposed organization?

- Ans**
- ☐ A. International AI Forum (IAIF)
 - ☐ B. International Artificial Intelligence Organization (IAIO)
 - ☐ C. Global AI Council (GAIC)
 - ☒ D. World Artificial Intelligence Cooperation Organization (WAICO)

Q.68 Vishu starts from Point A and drives 31 km towards East. He then takes a left turn, drives 19 km, turns left and drives 34 km. He then takes a left turn and drives 32 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. 12 km to the South
 - ☐ B. 13 km to the South
 - ☐ C. 12 km to the North
 - ☒ D. 13 km to the North

Q.69 RAFI is related to TELQ in a certain way based on the English alphabetical order. In the same way, NEGL is related to PIMT. To which of the following is JRTB related, following the same logic?

- Ans**
- ☐ A. LVZI
 - ☒ B. LVZJ
 - ☐ C. KTWE
 - ☐ D. ZLKT

Q.70 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 statement.

Statements:

All cars are tram. All cars are rickshaw. All cars are bus.

Conclusions:

(I) All trams are bus.

(II) Some buses are rickshaws.

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

Q.71 A shopkeeper purchased 32 dozens of articles at the rate of ₹102 per dozen. He sold each one of them at the rate of ₹68. What percentage profit did he make?

- Ans
- ☐ A. 697%
 - ☐ B. 702%
 - ☒ C. 700%
 - ☐ D. 701%

Q.72 The marks obtained by 11 students in a mathematics test are as follows: 45, 62, 58, 71, 66, 54, 60, 49, 68, 57, 63. What is the median marks?

- Ans
- ☒ A. 60
 - ☐ B. 66
 - ☐ C. 58
 - ☐ D. 54

Q.73 Which of the following sectors of the western coastal plain extends between Mumbai and Goa?

- Ans
- ☒ A. Konkan Coast
 - ☐ B. Coromandal Coast
 - ☐ C. Malabar Coast
 - ☐ D. Karnataka Coast

Q.74 The least common multiple and the highest common factor of $\frac{x^{2.5}}{y^{0.5}} \times \sqrt{xy}$ and $\frac{y^{1.5}}{\sqrt{x}} \times \sqrt{xy}$ are ____ and ____, respectively, where X and Y are co-prime integers greater than 1.

- Ans
- ☐ A. $x(xy)^2, x$
 - ☐ B. $y(xy)^2, 1$
 - ☐ C. $y(xy)^2, y$
 - ☒ D. $x(xy)^2, 1$

Q.75 Why did nearly 19% of India face drought or drought-like conditions by August 2025 despite earlier heavy rains?

- Ans
- ☐ A. Monsoon onset was delayed across all states.
 - ☒ B. A sharp reversal led to severe rainfall deficits in many regions.
 - ☐ C. Unusually high temperatures reduced rainfall.
 - ☐ D. Excessive river damming caused water shortages.

Q.76 Which ministry in the Indian Government launched Mission Sudarshan Chakra in 2025?

- Ans
- ☐ A. Ministry of Science & Technology
 - ☐ B. Ministry of Home Affairs
 - ☒ C. Ministry of Defence
 - ☐ D. Ministry of Electronics & Information Technology

Q.77 Solve the following system of linear equations:

$$u + v + w = 2$$

$$6u + 4v + 5w = 31$$

$$5u + 2v + 2w = 13$$

Ans ☒ A. $u = 1, v = 15, w = -14$

☒ B. $u = 3, v = -15, w = 14$

☒ C. $u = 1, v = 18, w = -17$

☒ D. $u = 3, v = -18, w = 17$

Q.78 Who led the Khasi resistance against British interference in the 1830s?

Ans ☒ A. Tirot Sing

☒ B. Alluri Sitarama Raju

☒ C. Sidhu Murmu

☒ D. Rani Gaidinliu

Q.79 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) # F * G W # C # Y R & @ W Z @ L & L N % # W (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. 5

☒ B. 2

☒ C. 3

☒ D. 4

Q.80 Which of the following Act first provided for the Indian representation in the legislative process?

Ans ☒ A. Charter Act, 1853

☒ B. Government of India Act, 1858

☒ C. Indian Councils Act, 1861

☒ D. Pitt's India Act, 1784

Q.81 There are 16 members in group A, 86 members in group B and 21 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹447, ₹396 and ₹158, respectively. The overall average amount (in ₹) spent per member is:

Ans ☒ A. 362

☒ B. 366

☒ C. 367

☒ D. 360

Q.82 Evaluate: $(-9) - (-56) \div (-14) + (-2) \times 6$

Ans ☒ A. -24

☒ B. -27

☒ C. -25

☒ D. -28

Q.83 According to the Second Five Year Plan (1956), which sectors of the economy did the Indian government decide to develop and manage directly?

- Ans**
- ☒ A. Heavy industries
 - ☐ B. Agricultural sector
 - ☐ C. Service sector
 - ☐ D. Small businesses

Q.84 If the mode of a data exceeds its mean by 33.6, then the mode exceeds the median by _____. (Use empirical formula to find the answer.)

- Ans**
- ☒ A. 22.4
 - ☐ B. 23.8
 - ☐ C. 20.6
 - ☐ D. 19.5

Q.85 A, B, C, Q, R 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, which is numbered 6. Q lives on the floor numbered 5. B lives on a floor above Q. Only R lives below C. A lives on an even-numbered floor. How many people live below S?

- Ans**
- ☐ A. Four
 - ☒ B. Two
 - ☐ C. Three
 - ☐ D. One

Q.86 The Indian men's hockey team clinched the Asia Cup 2025 title by overcoming which of the following teams 4 - 1 in the final held at the Rajgir Sports Complex in Bihar?

- Ans**
- ☐ A. Pakistan
 - ☒ B. Republic of Korea
 - ☐ C. Malaysia
 - ☐ D. Japan

Q.87 Find the value of y , satisfying $18 \times 7 \times 560 \div \sqrt{3136} = y + 703$

- Ans**
- ☒ A. 557
 - ☐ B. 556
 - ☐ C. 559
 - ☐ D. 567

Q.88 Which of the following pairs of author and their work is correctly matched?

- Ans**
- ☐ A. Bankim Chandra Chatterjee – Kamayani
 - ☐ B. Munshi Premchand – Madhushala
 - ☐ C. Rabindranath Tagore – Anandamath
 - ☒ D. Sharat Chandra Chatterjee – Devdas

Q.89 What causes the flow of water to lose its smoothness when a tap is opened wider?

- Ans**
- ☐ A. The water pressure decreases.
 - ☒ B. The outflow speed increases, causing turbulence.
 - ☐ C. The water temperature changes.
 - ☐ D. The density of water changes.

Q.90 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
ZOB 6, ETG 10, JYL 14, ODQ 18, ?

- Ans**
- ☐ A. UJW 22
 - ☐ B. THU 22
 - ☐ C. RHV 24
 - ☒ D. TIV 22

Q.91 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 :: ?

: MNI :: UVQ : %

- Ans**
- ☐ A. # = OPN % = PBW
 - ☐ B. # = RUN % = IOL
 - ☒ C. # = RSN % = PQL
 - ☐ D. # = RJH % = IQL

Q.92 As per Article 80 of the Constitution of India, which of the following indicates the number of members appointed by the President to the Council of States?

- Ans**
- ☐ A. Twenty
 - ☐ B. Ten
 - ☒ C. Twelve
 - ☐ D. Fourteen

Q.93 Two concentric circles have radii of 15 cm and 17 cm. Find out the length of the chord of the larger circle that is tangent to the smaller circle.

- Ans**
- ☐ A. 24 cm
 - ☐ B. 8 cm
 - ☐ C. 30 cm
 - ☒ D. 16 cm

Q.94 The average of three numbers is 20. If two numbers are 13 and 22, the third number is:

- Ans**
- ☐ A. 26
 - ☐ B. 27
 - ☒ C. 25
 - ☐ D. 24

Q.95 In a certain code language,

A + B means 'A is the sister of B',
A – B means 'A is the husband of B',
A × B means 'A is the mother of B' and
A ÷ B means 'A is the brother of B'.

Based on the above, how is K related to O if 'K + L – M × N + O'?

- Ans**
- ☐ A. Mother's sister
 - ☐ B. Father's mother
 - ☐ C. Mother's mother
 - ☒ D. Father's sister

Q.96 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 is numbered 6. Q lives on floor which is a prime number. The product of the floors on which Q and R live is 3. Only 2 people live above P. T lives immediately below S. How many people live below U?

- Ans
- ☐ A. 3
 - ☐ B. 4
 - ☐ C. 2
 - ☒ D. 1

Q.97 The number $22.121212....$ in the form $\frac{p}{q}$ where p and q are integers and $q \neq 0$ is:

- Ans
- ☐ A. $\frac{710}{33}$
 - ☐ B. $\frac{740}{33}$
 - ☒ C. $\frac{730}{33}$
 - ☐ D. $\frac{720}{33}$

Q.98 Refer to the following letter, symbol series and answer the question.

(Left) L U £ P \$ D A Ω F % * N Q & R # Y @ C K * & M (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. Ω

Q.99 8 is related to 41 following a certain logic. Following the same logic, 81 is related to 406. To which of the following 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. 64
 - ☒ B. 66
 - ☐ C. 68
 - ☐ D. 62

Q.100 If 8, x and 18 are in continued proportion, find the value of x.

- Ans
- ☐ A. 18
 - ☐ B. 14
 - ☒ C. 12
 - ☐ D. 8



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	22/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Rohit gets double the amount in 6 years when invested at compound interest, compounded annually. In how many years will the amount become sixteen times itself?

- Ans**
- ☒ A. 48
 - ☒ B. 12
 - ☒ C. 96
 - ☒ D. 24

Q.2 Evaluate: $16 + 20 \div 4 - 3 \times 4$

- Ans**
- ☒ A. 9
 - ☒ B. 8
 - ☒ C. 11
 - ☒ D. 12

Q.3 In accordance with Article 84 of the Constitution of India, which of the following is the minimum age a person must meet to qualify for membership of the House of the People?

- Ans**
- ☒ A. Twenty-one years
 - ☒ B. Twenty-five years
 - ☒ C. Thirty years
 - ☒ D. Eighteen years

Q.4 Which facility, inaugurated in 2025 by the ISRO Chairman, became India's first private-sector navigation innovation hub aimed at strengthening self-reliance in advanced navigation systems?

- Ans**
- ☒ A. Indian Navigation Research and Innovation Centre
 - ☒ B. National Hub for Advanced Satellite Navigation
 - ☒ C. Ananth Centre of Excellence for Navigation
 - ☒ D. Centre for Indigenous Navigation Technologies

Q.5 Which of the following pairs of leaders were closely associated with the signing of the Lucknow Pact of 1916?

- Ans**
- ☒ A. Dadabhai Naoroji and Surendranath Banerjee
 - ☒ B. Lala Lajpat Rai and Bipin Chandra Pal
 - ☒ C. Gopal Krishna Gokhale and Annie Besant
 - ☒ D. Bal Gangadhar Tilak and Muhammad Ali Jinnah

Q.6 Which of the following is an example of Application Software?

- Ans
- ☒ A. MS Excel
 - ☐ B. BIOS
 - ☐ C. Linux
 - ☐ D. Windows

Q.7 While cooking, if the exterior of the cooking vessel becomes blackened, what does it indicate?

- Ans
- ☐ A. The food inside is undercooked.
 - ☐ B. The fuel is fully burned.
 - ☒ C. The combustion of the fuel is incomplete.
 - ☐ D. The fuel contains moisture.

Q.8 In what duration (in years) will ₹7,200 fetch a simple interest of ₹1,080 at 6% per annum rate of interest?

- Ans
- ☐ A. 1.5
 - ☐ B. 5
 - ☒ C. 2.5
 - ☐ D. 3.5

Q.9 The interference of two identical waves moving in opposite directions produces:

- Ans
- ☐ A. Incident Waves
 - ☒ B. Standing Waves
 - ☐ C. Longitudinal Waves
 - ☐ D. Transversal waves

Q.10 In a race of 1200 metres, Amit gives Bhushan a head-start of 200 metres. Amit starts 20 seconds after Bhushan. Amit overtakes Bhushan 4 minutes after he (Amit) starts running. Amit finishes the race 10 seconds before Bhushan. What is the running speed (in m/s) of Amit?

- Ans
- ☐ A. $3\frac{4}{9}$
 - ☐ B. $4\frac{1}{3}$
 - ☒ C. $4\frac{4}{9}$
 - ☐ D. $3\frac{1}{3}$

Q.11 A pharmaceutical research laboratory purchases analytical testing kits priced at ₹12,000 each. The supplier offers a scheme of "Buy 10 kits, get 2 free," along with a volume discount of 15% on purchases exceeding ₹1,00,000, and an additional 5% institutional discount for research facilities. If the laboratory takes advantage of the complete scheme offer, what is the effective discount percentage they receive on the total value of kits? (Rounded off to two decimal places)

- Ans
- ☐ A. 30.25%
 - ☐ B. 35.42%
 - ☒ C. 32.71%
 - ☐ D. 34.18%

Q.12 In an election between two candidates, 90% of the registered voters cast their vote and 20% of the votes polled were found invalid. Winning candidate got 51% of the valid votes and won the election by a margin of 3870 votes. How many voters were registered?

- Ans**
- ☐ A. 268720
 - ☐ B. 268760
 - ☐ C. 268730
 - ☒ D. 268750

Q.13 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table.
D sits fourth to the right of O. Only two people sit between D and B when counted from the left of D. B sits third to the right of C. Q is an immediate neighbor of B and R. How many people sit between P and Q when counted from the right of P?

- Ans**
- ☐ A. One
 - ☐ B. Four
 - ☐ C. Three
 - ☒ D. Two

Q.14 Five circles are placed adjacent to one another and have lines M1 and M2 as their common tangents. If the radius of the largest circle is 9 units and that of the smallest circle is 4 units, then what is the radius of the middle circle (in units)?

- Ans**
- ☐ A. 8
 - ☒ B. 6
 - ☐ C. 5
 - ☐ D. 10

Q.15 Find the solution (x, y, z) for the following system of equations:

$$\begin{aligned}x - y + z &= 2; \\ 2x - y - z &= -6; \\ 2x + 2y + z &= -3\end{aligned}$$

- Ans**
- ☒ A. (-2, -1, 3)
 - ☐ B. (2, -1, 3)
 - ☐ C. (-2, -1, -3)
 - ☐ D. (-2, 1, 3)

Q.16 In MS-Excel, if cells A1, A2 and A3 contain the values 2, 3 and 2 respectively, what is the result of the formula =A1*A2 + A2/A3?

- Ans**
- ☐ A. 6
 - ☐ B. 9
 - ☒ C. 7.5
 - ☐ D. 8

Q.17 Which of the following is a correct definition of the word 'tributary'?

- Ans**
- ☒ A. A river flowing into a larger river
 - ☐ B. A body of salty water mixing with river water
 - ☐ C. A lake at the rivers mouth
 - ☐ D. A river branching away from another

Q.18 Which Bill, assented to by the President of India in 2025, consolidates civil nuclear laws and allows private sector participation?

- Ans**
- ☐ A. National Policy for Nuclear Energy Expansion with Private Participation Bill
 - ☐ B. Civil Nuclear Governance and Private Sector Participation Framework Bill
 - ☐ C. Atomic Energy Reform and Private Participation in Nuclear Power Bill
 - ☒ D. Sustainable Harnessing and Advancement of Nuclear Energy for Transforming India (SHANTI) Bill

Q.19 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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(252, 80, 172)
(170, 55, 115)

- Ans**
- ☒ A. (212, 72, 130)
 - ☒ B. (195, 95, 100)
 - ☒ C. (180, 53, 137)
 - ☒ D. (236, 105, 141)

Q.20 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 phones are mobiles. No mobile is a pager. No mobile is a walkie-talkie.

Conclusions:

(I) No phone is a pager.

(II) Some walkie-talkies are pagers.

- 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.

Q.21 Which international agreement did India reaffirm its commitment to during the 2025 climate summit?

- Ans**
- ☒ A. Paris Agreement
 - ☒ B. Kyoto Protocol
 - ☒ C. Basel Convention
 - ☒ D. Montreal Protocol

Q.22 Which wildlife sanctuary in Madhya Pradesh was announced in October 2025 to be developed as the third cheetah habitat in the state?

- Ans**
- ☒ A. Kuno National Park
 - ☒ B. Gandhi Sagar Wildlife Sanctuary
 - ☒ C. Nauradehi Wildlife Sanctuary
 - ☒ D. Madhav National Park

Q.23 When was the Pradhan Mantri Gram Sadak Yojna launched?

- Ans**
- ☒ A. 1991
 - ☒ B. 2008
 - ☒ C. 2014
 - ☒ D. 2000

Q.24 Siddharth, Lata, and Vivek invest ₹1570, ₹1760, and ₹1620 respectively to start a business. If the profit at the end of the year is ₹1540, then what is the share of Vivek in the profit?

- Ans**
- ☒ A. ₹503
 - ☒ B. ₹501
 - ☒ C. ₹504
 - ☒ D. ₹506

Q.25 Which of the following is a legislative reform aimed at modernizing India's aviation sector by re-enacting the Aircraft Act, 1934, in alignment with contemporary needs and global standards?

- Ans**
- ☐ A. The Carriage by Air (Amendment) Act, 2022
 - ☒ B. Bharatiya Vayuyan Adhiniyam, 2024
 - ☐ C. Aircraft (Security) Rules, 2020 & Amendments (2022)
 - ☐ D. Protection of Interests in Aircraft Objects Act, 2023

Q.26 In 2025, India was re-elected to the Council of which organization for the 2026–27 term under Category B?

- Ans**
- ☐ A. International Civil Aviation Organization
 - ☐ B. World Trade Organization
 - ☐ C. International Seabed Authority
 - ☒ D. International Maritime Organization (IMO)

Q.27 J, K, L, R, 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 is numbered 2 and so on till the topmost floor is numbered 6. Only two people live between R and J. Only two people live between T and K. No one lives above T. J lives below K but above S. How many people live below L?

- Ans**
- ☐ A. One
 - ☒ B. Three
 - ☐ C. Two
 - ☐ D. Four

Q.28 A person born in India between 26 January 1950 and 1 July 1987 is automatically considered a citizen of India by:

- Ans**
- ☐ A. descent
 - ☐ B. naturalisation
 - ☐ C. registration
 - ☒ D. birth

Q.29 DUMB is related to FXOE in a certain way based on the English alphabetical order. In the same way, LGUN is related to NJWQ. To which of the following options is RPAW related, following the same logic?

- Ans**
- ☐ A. TCXS
 - ☐ B. TZCS
 - ☐ C. TCDS
 - ☒ D. TSCZ

Q.30 Consider the following statements.

1. As per Article 167, it is the duty of the Chief Minister to communicate to the Governor all decisions of the Council of Ministers.
 2. Article 165 states that the Governor administers the oaths of office and secrecy to ministers.
 3. Article 163 provides for a Council of Ministers headed by the Chief Minister to aid and advise the Governor, except in discretionary matters.
- Which of the above statements are correct?

- Ans**
- ☒ A. 1, 2 and 3
 - ☐ B. 1 and 2 only
 - ☐ C. 2 and 3 only
 - ☐ D. 1 and 3 only

Q.31 The prices of articles of types P, Q, and R are ₹280, ₹180 and ₹120, respectively. Tejas buys these articles in the ratio 3 : 2 : 5 for a total of ₹12,600. How many articles of type Q did he purchase?

- Ans**
- ☒ A. 15
 - ☒ B. 14
 - ☒ C. 7
 - ☒ D. 13

Q.32 The administration of the Mauryan Empire is described in which ancient text?

- Ans**
- ☒ A. Arthashastra
 - ☒ B. Rigveda
 - ☒ C. Manusmriti
 - ☒ D. Mahabharata

Q.33 In a certain code language,
A + B means 'A is the daughter of B'
A – B means 'A is the brother of B'
A x 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 J if 'D + F – G ÷ H x J'?

- Ans**
- ☒ A. Wife's father's brother's daughter
 - ☒ B. Wife's mother's brother's wife
 - ☒ C. Wife's father's brother's wife
 - ☒ D. Wife's mother's brother's daughter

Q.34 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 90 pages?

- Ans**
- ☒ A. 1805
 - ☒ B. 1810
 - ☒ C. 1790
 - ☒ D. 1800

Q.35 Who was the first Indian badminton player to win an Olympic medal?

- Ans**
- ☒ A. PV Sindhu
 - ☒ B. PT Usha
 - ☒ C. Saina Nehwal
 - ☒ D. Sania Mirza

Q.36 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8634157, which of the following digits will be second from the left?

- Ans**
- ☒ A. 1
 - ☒ B. 3
 - ☒ C. 4
 - ☒ D. 2

Q.37 Simplify the following expression:

$$\left(\frac{5}{6} \text{ of } 1.8\right) + \left(\frac{3}{4} \div 0.25\right).$$

- Ans**
- ☒ A. 4.5
 - ☒ B. 3.75
 - ☒ C. 4.25
 - ☒ D. 4

Q.38 How do subordinate courts support the overall judicial system in India?

- Ans**
- ☒ A. By providing accessible, prompt, and localized justice
 - ☐ B. By exclusively handling appeals
 - ☐ C. By enacting new legislation
 - ☐ D. By centralizing legal power in the higher judiciary

Q.39 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. RNU
 - ☒ B. EAG
 - ☐ C. HDK
 - ☐ D. TPW

Q.40 What should come in place of the question mark (?) in the given series?

23 24 32 59 123 ?

- Ans**
- ☐ A. 218
 - ☒ B. 248
 - ☐ C. 168
 - ☐ D. 198

Q.41 What was the dominant type of economy in the Harappan heartland?

- Ans**
- ☐ A. Hunting-gathering
 - ☒ B. Agro-pastoral
 - ☐ C. Spiritual-centric
 - ☐ D. Trade-based economy

Q.42 There are 25 members in group A, 26 members in group B and 21 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹137, ₹443 and ₹461, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 347
 - ☒ B. 342
 - ☐ C. 344
 - ☐ D. 339

Q.43 A right circular cone has the ratio of slant height to radius is 29:20. The volume of the cone is $\frac{24192}{5}\pi \text{ cm}^3$.

The curved surface area (in cm^2) of cone is

- Ans**
- ☐ A. 823.4π
 - ☐ B. 832.3π
 - ☐ C. 829.5π
 - ☒ D. 835.2π

Q.44 In a certain code language, 'food is delicious' is coded as 'ga dc vr' and 'harry loves food' is coded as 'dc hu bw'. How is 'food' coded in that language?

- Ans**
- ☐ A. bw
 - ☐ B. ga
 - ☐ C. vr
 - ☒ D. dc

Q.45 The average of the first 63 even natural numbers is:

- Ans ☒ A. 64
☐ B. 65
☐ C. 63
☐ D. 62

Q.46 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 towns are districts. No district is a state. No state is a city.

Conclusions:

(I) No town is a state.

(II) No district is a city.

- 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.47 Two trains are moving in opposite directions at speeds of 130 km/hr and 70 km/hr. The length of one train is 130 m. The time taken by them to cross each other is 14 seconds. The length (in m) of the other train (rounded off to 2 decimal places) is:

- Ans ☒ A. 647.78
☐ B. 650.67
☐ C. 646.47
☐ D. 649.6

Q.48 Who was the leader of the Paika Rebellion of 1817, a significant early armed resistance against British East India Company rule in Odisha?

- Ans ☒ A. Bakshi Jagabandhu
☐ B. Sidhu Murmu
☐ C. Chittu Singh
☐ D. Alluri Sitarama Raju

Q.49 In a certain code language, 'ALIT' is coded as '2159' and 'HILT' is coded as '6912'. What is the code for 'H' in the given code language?

- Ans ☒ A. 6
☐ B. 2
☐ C. 9
☐ D. 1

Q.50 In which Indian state is the percussion instrument Davandi primarily found?

- Ans ☐ A. Kerala
☐ B. Odisha
☒ C. Tamil Nadu
☐ D. Punjab

Q.51 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8263451, how many digits will appear more than once in the new number thus formed?

- Ans ☒ A. 3
☐ B. 4
☐ C. 1
☐ D. 2

Q.52 In which year was Bal Gangadhar Tilak arrested by the British authorities for writing a seditious article in the newspaper 'Kesari'?

- Ans**
- ☐ A. 1907
 - ☒ B. 1908
 - ☐ C. 1909
 - ☐ D. 1910

Q.53 What does the Food for Work Programme aim to provide to the rural poor of backward districts?

- Ans**
- ☐ A. Free electricity and water supply
 - ☒ B. Supplementary wage employment
 - ☐ C. Free education and training abroad
 - ☐ D. Access to private healthcare schemes

Q.54 Which of the following elements is a gas at room temperature and belongs to Group 17 of the periodic table?

- Ans**
- ☐ A. Iodine
 - ☐ B. Astatine
 - ☐ C. Bromine
 - ☒ D. Fluorine

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.
Q. Anuj, Bhavesh, Chirag, Darshan, and Eklavya - each have different height. Who is the tallest?
(I) Chirag is taller than Anuj and Bhavesh but shorter than Darshan.
(II) Eklavya is taller than Chirag but shorter than Darshan.

- 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.56 A student finishes typing a paragraph and wants to make a copy of a sentence to use later in the document. She first selects the sentence. Which shortcut should she press next?

- Ans**
- ☐ A. Ctrl + V
 - ☒ B. Ctrl + C
 - ☐ C. Ctrl + F
 - ☐ D. Ctrl + S

Q.57 In December 2025, enforcement of a statewide prohibition on physical and emotional punishment in schools, in accordance with the provisions of the Right to Education Act, 2009, was carried out by which of the following states?

- Ans**
- ☐ A. Punjab
 - ☐ B. Manipur
 - ☐ C. Kerala
 - ☒ D. Maharashtra

Q.58 P sells an item to Q at 40% profit. Q sells the same item to R at 50% loss. If R paid ₹ 6895 for the item, then at what price (in ₹) is the item purchased by P?

- Ans**
- ☐ A. 9849
 - ☐ B. 9852
 - ☒ C. 9850
 - ☐ D. 9848

Q.59 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
SWD 9 HLS 12 WAH 16 LPW 21 ?

- Ans**
- ☐ A. CIK 30
 - ☐ B. KDT 27
 - ☐ C. AKM 32
 - ☒ D. AEL 27

Q.60 If the mean of the following data is 47, find the value of X.

Class	30-40	40-50	50-60	60-70	70-80
Frequency	49	33	24	21	X

- Ans**
- ☒ A. 3
 - ☐ B. 27
 - ☐ C. 23
 - ☐ D. 8

Q.61 The appointing authority for the Chairman and members of a State Public Service Commission under Article 316 of the Constitution of India is:

- Ans**
- ☐ A. The Chief Minister of the State
 - ☐ B. The President of India
 - ☒ C. The Governor of the State
 - ☐ D. The Speaker of the State Assembly

Q.62 Which of the following is a non-metallic natural resource?

- Ans**
- ☒ A. Limestone
 - ☐ B. Gold
 - ☐ C. Copper
 - ☐ D. Iron ore

Q.63 Which of the following is a clear example of potential energy?

- Ans**
- ☐ A. A burning candle
 - ☐ B. A moving car
 - ☐ C. A falling rock
 - ☒ D. A stretched rubber band

Q.64 Which of the following states/UT in India had the literacy rate above 80% as per Census 2011?

- Ans**
- ☐ A. Tamil Nadu and Assam
 - ☐ B. Sikkim and Odisha
 - ☐ C. Himachal Pradesh and Haryana
 - ☒ D. Goa and Tripura

Q.65 LEKO is related to OIPU in a certain way based on the English alphabetical order. In the same way, CANQ is related to FESW. To which of the following is EIJS related, following the same logic?

- Ans**
- ☐ A. LLPP
 - ☐ B. NOPA
 - ☒ C. HMOY
 - ☐ D. MNPZ

Q.66 Due to a decrease in manpower, production in a factory falls by 52%. By what percentage should the working hours be increased to restore the original level of production?

- Ans**
- ☐ A. $104\frac{2}{3}\%$
 - ☐ B. 48%
 - ☒ C. $108\frac{1}{3}\%$
 - ☐ D. 52%

Q.67 Which of the following best explains the difference between weather and climate?

- Ans**
- ☐ A. Weather and climate mean exactly the same phenomenon
 - ☐ B. Weather refers to long-term trends; climate refers to short-term changes
 - ☐ C. Weather is permanent in nature; climate is temporary in nature
 - ☒ D. Weather refers to short-term changes; climate refers to long-term patterns

Q.68 In 2025, which city hosted the 3rd Council Meeting of the International Organization for Marine Aids to Navigation (IALA), organised by the Directorate General of Lighthouses and Lightships?

- Ans**
- ☐ A. Chennai
 - ☐ B. Visakhapatnam
 - ☒ C. Mumbai
 - ☐ D. Kolkata

Q.69 By selling an article at $\frac{5}{12}$ of its actual selling price, Akash incurs a loss of 20%.

If he sells it at 80% of its actual selling price, then the profit percentage is

- Ans**
- ☐ A. 52.9%
 - ☐ B. 55.3%
 - ☐ C. 52.3%
 - ☒ D. 53.6%

Q.70 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 B and G. Only D is kept above E. No box is kept below G. A is kept at some place below F but at some place above C. How many boxes are kept above C?

- Ans**
- ☐ A. 4
 - ☒ B. 5
 - ☐ C. 2
 - ☐ D. 3

Q.71 Which of the following countries was NOT among the top three in the Global AI Vibrancy Index 2024?

- Ans**
- ☐ A. India
 - ☐ B. China
 - ☐ C. United States
 - ☒ D. United Kingdom

Q.72

If $\sin A = \frac{3}{5}$, then find the value of $\sqrt{\frac{11 + 3 \operatorname{cosec} A}{4 - 5 \sin A}}$.

Ans

☒ A. 3

☒ B. 4

☒ C. $\sqrt{3}$

☒ D. $\sqrt{2}$

Q.73

What is the maximum total duration for which President's Rule can continue in a State under Article 356, subject to parliamentary approvals and constitutional conditions?

Ans

☒ A. Up to two years

☒ B. Up to one year

☒ C. Up to three years

☒ D. Up to four years

Q.74

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

(Left) K Y C K & A A C P N P Y M R B # + J \$ & ^ (Right)

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

Ans

☒ A. One

☒ B. Four

☒ C. Three

☒ D. Two

Q.75

What will be the maximum value of the quadratic expression $10(x - 1) - 5x^2 + 4(2 - x) + 8$?

Ans

☒ A. 8.7

☒ B. 7.8

☒ C. 6.9

☒ D. 9.6

Q.76

A, B, C, 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 one person lives above D. Only two people live between A and D. F lives immediately above B. E does not live above D.

How many people live below C?

Ans

☒ A. Five

☒ B. Three

☒ C. Four

☒ D. Two

Q.77 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 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, 62
21, 82

- Ans**
- ☒ A. 23, 94
 - ☒ B. 24, 95
 - ☒ C. 24, 94
 - ☒ D. 23, 95

Q.78 Which of the following best describes an operating system?

- Ans**
- ☒ A. A program used to watch videos
 - ☒ B. A program used to access the internet
 - ☒ C. A program that manages memory, processes, and devices
 - ☒ D. A program used for data entry

Q.79 100 men have provisions for 27 days. If 40 men have left, for how many days the same provisions would last for the remaining men?

- Ans**
- ☒ A. 47
 - ☒ B. 43
 - ☒ C. 45
 - ☒ D. 49

Q.80 Line PQ is parallel to line RS and a transversal AB intersects PQ at C and RS at D.
If $\angle ACQ = (6x)^\circ$, $\angle QCD = (5x + y)^\circ$ and $\angle BDS = (2x + 3y)^\circ$, find the measure of $\angle QCD$.

- Ans**
- ☒ A. 93.6°
 - ☒ B. 84.5°
 - ☒ C. 102°
 - ☒ D. 110°

Q.81 The liberalization of the Indian economy in 1991 led to which of the following fiscal outcomes?

- Ans**
- ☒ A. Higher import duties
 - ☒ B. Lowering of direct and indirect tax rates
 - ☒ C. Sharp increase in Government control over pricing
 - ☒ D. Elimination of all public debt

Q.82 Kalamkari painting involves the use of which instrument for drawing outlines?

- Ans**
- ☒ A. Stylus
 - ☒ B. Bamboo pen
 - ☒ C. Needle
 - ☒ D. Paintbrush

Q.83 If $a = x + \frac{2}{x}$ and $b = x - \frac{2}{x}$, then find the value of $a^4 + b^4 - 2a^2b^2$.

- Ans**
- ☒ A. 36
 - ☒ B. 64
 - ☒ C. 16
 - ☒ D. 49

Q.84 In which year was the Ranji Trophy first held?

Ans ☒ A. 1926–27

☒ B. 1934–35

☒ C. 1950–51

☒ D. 1947–48

Q.85 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.)
15 - 75 - 80 - 160; 16 - 80 - 85 - 170

Ans ☒ A. 20-100-105-220

☒ B. 18-80-85-170

☒ C. 17-85-90-180

☒ D. 13-75-80-160

Q.86 In a certain code language,
 $A + B$ means 'A is the daughter of B'
 $A - B$ means 'A is the mother of B'
 $A \times B$ means 'A is the wife of B'
 $A \div B$ means 'A is the father of B'

Based on the above, how is G related to M if ' $G + R - W \times D \div M$ '?

Ans ☒ A. Mother

☒ B. Mother's sister

☒ C. Mother's mother

☒ D. Sister

Q.87 What is the mean of the following distribution?

Marks	16	21	47	80	99
No. of Students	24	38	26	32	13

Ans ☒ A. 67

☒ B. 47

☒ C. 74

☒ D. 71

Q.88 Nikhil starts from Point A and drives 84 km towards North. He then takes a left turn, drives 80 km, turns left and drives 83 km. He then takes a left turn and drives 90 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. 12 km to the east

☒ B. 11 km to the west

☒ C. 13 km to the east

☒ D. 10 km to the west

Q.89 A and B start a business by investing capitals in the ratio 5:7. After 4 months, C joins the business with a capital equal to half of B's capital. After 8 months from the start, A withdraws 40% of his capital, while B continues with the same investment. At the end of one year, the total profit is ₹27,675. The share of profit of B (in ₹) is:

- Ans**
- ☒ A. 17,175
 - ☒ B. 14,175
 - ☒ C. 16,175
 - ☒ D. 15,175

Q.90 Evaluate: $(-9) - (-56) \div (-14) + (-3) \times 7$

- Ans**
- ☒ A. -37
 - ☒ B. -36
 - ☒ C. -34
 - ☒ D. -33

Q.91 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 :: ?

: MIN :: RNS : %

- Ans**
- ☒ A. # = OKP , % = PLQ
 - ☒ B. # = OKP , % = PLR
 - ☒ C. # = OKP , % = PMQ
 - ☒ D. # = OKO , % = PLQ

Q.92 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ A. SUR
 - ☒ B. NPL
 - ☒ C. DFB
 - ☒ D. QSO

Q.93 What should come in place of '?' in the given series?

55 56 60 69 85 ?

- Ans**
- ☒ A. 108
 - ☒ B. 110
 - ☒ C. 104
 - ☒ D. 112

Q.94 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
IJM 77 PQT 69 WXA 61 DEH 53 ?

- Ans**
- ☒ A. KMN 45
 - ☒ B. KKN 44
 - ☒ C. KLO 45
 - ☒ D. KSB 44

Q.95 The total surface area of a cube having side 91 cm is:

- Ans**
- ☒ A. 49668 cm²
 - ☒ B. 49716 cm²
 - ☒ C. 49666 cm²
 - ☒ D. 49686 cm²

Q.96 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) € A © D R & I % B B V @ A J \$ £ * S B £ N L (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. 1
 - ☐ B. 0
 - ☐ C. 3
 - ☐ D. 2

Q.97 Which of the following separates the Andaman from Nicobar Islands?

- Ans**
- ☐ A. Nine Degree Channel
 - ☐ B. Six Degree Channel
 - ☐ C. Palk Strait
 - ☒ D. Ten Degree Channel

Q.98 Seven people, B, C, O, P, Q, R and S, are sitting in a straight line, facing north. Only three people sit to the left of S. Only three people sit between B and O. Only four people sit between Q and O, none of whom sit at the left end. C sits immediately to the left of R. How many people sit between P and R?

- Ans**
- ☐ A. One
 - ☐ B. Two
 - ☒ C. Four
 - ☐ D. Three

Q.99 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) R # L ? V ! M S + N - \$ O T * P / < Q U (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. THREE
 - ☐ B. ONE
 - ☒ C. TWO
 - ☐ D. FOUR

Q.100 The HCF and LCM of two numbers are 5 and 180 respectively. If one number is 45, what is the other number?

- Ans**
- ☐ A. 36
 - ☐ B. 40
 - ☒ C. 20
 - ☐ D. 25



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	24/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Seven boxes P, Q, R, S, T, U and V are kept one over the other but not necessarily in the same order.
No box is kept above U. Only three boxes are kept between U and P. Only one box is kept between R and T. T is kept immediately above P. Only four boxes are kept between R and V. Q is kept at some place above S.
How many boxes are kept between S and U?

- Ans**
- ☒ A. 3
 - ☒ B. 2
 - ☒ C. 4
 - ☒ D. 1

Q.2 Which of the following is the most significant source of nutrient pollution leading to eutrophication in freshwater bodies?

- Ans**
- ☒ A. Industrial effluents
 - ☒ B. Agricultural runoff
 - ☒ C. Sewage discharge
 - ☒ D. Urban stormwater

Q.3 Which award is recognized as the highest honour in Indian cinema, presented to Mohanlal in September 2025?

- Ans**
- ☒ A. National Award for Best Actor
 - ☒ B. Padma Bhushan
 - ☒ C. Dadasaheb Phalke Award
 - ☒ D. Filmfare Lifetime Achievement Award

Q.4 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 below B. Only one box is kept above G. Only one box is kept between G and A. C is kept immediately above F. E is kept at some place below D.
How many boxes are kept below E?

- Ans**
- ☒ A. 5
 - ☒ B. 2
 - ☒ C. 4
 - ☒ D. 3

Q.5 The average weight of a group of 10 students is 50 kg. If the weight of the teacher is also included, the average weight increases by 1 kg. What is the teacher's weight?

- Ans**
- ☒ A. 59 kg
 - ☒ B. 61 kg
 - ☒ C. 60 kg
 - ☒ D. 58 kg

Q.6 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 heaters are fans. Some heaters are lights. No heater is a bulb.

Conclusions:

(I) Some fans are lights.

(II) No bulb is a heater.

- 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.7 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only one person sits between G and C when counted from the left of C. E sits third to the right of A. F sits third to the left of D. E sits to the immediate right of F. B is not an immediate neighbour of F. Who sits third to the right of G?

- Ans**
- ☒ A. F
 - ☒ B. B
 - ☒ C. D
 - ☒ D. E

Q.8 Which of the following processes is/are primarily responsible for the formation of fold mountains such as the Himalayas?

- Ans**
- ☒ A. Wind deposition
 - ☒ B. Erosion by rivers
 - ☒ C. Plate collision
 - ☒ D. Volcanic eruptions

Q.9 Which Article of the Directive Principles of State Policy enshrines the principle of equal pay for equal work for both men and women in India?

- Ans**
- ☒ A. Article 39
 - ☒ B. Article 44
 - ☒ C. Article 43
 - ☒ D. Article 41

Q.10 Find the difference between the compound interest, compounded annually, and the simple interest on ₹4,000 for 2 years at 6% per annum.

- Ans**
- ☒ A. ₹ 15.90
 - ☒ B. ₹ 13.80
 - ☒ C. ₹ 16.80
 - ☒ D. ₹ 14.40

Q.11 A shopkeeper purchased 19 dozens of articles at the rate of ₹390 per dozen. He sold each one of them at the rate of ₹78. What percentage profit did he make?

- Ans**
- ☐ A. 137%
 - ☒ B. 140%
 - ☐ C. 143%
 - ☐ D. 142%

Q.12 If a 7-digit number 54572A0 is completely divisible by 3, what is the minimum value of A?

- Ans**
- ☐ A. 4
 - ☒ B. 1
 - ☐ C. 5
 - ☐ D. 3

Q.13 A shopkeeper fixes the marked price of an item 100% above its cost price. What percentage of discount on marked price should be allowed to gain 26%?

- Ans**
- ☐ A. 36%
 - ☐ B. 39%
 - ☐ C. 40%
 - ☒ D. 37%

Q.14 Space Summit 2026, a specially curated two-day elite conference held on 2–3 February 2026, took place in which of the following countries?

- Ans**
- ☐ A. India
 - ☐ B. United States
 - ☐ C. United Arab Emirates
 - ☒ D. Singapore

Q.15 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 :: ?
: ZVT :: JFD : %

- Ans**
- ☐ A. # = WTR , % = LKH
 - ☐ B. # = XSR , % = LJG
 - ☐ C. # = XUR , % = MJL
 - ☒ D. # = WSQ , % = MIG

Q.16 Which of the following Union Territories has a Legislative Assembly and Council of Ministers?

- Ans**
- ☐ A. Daman and Diu
 - ☐ B. Dadra and Nagar Haveli
 - ☐ C. Andaman and Nicobar Islands
 - ☒ D. Puducherry

Q.17 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 :: ?
: NXF :: KUC : %

- Ans**
- ☐ A. # = FIX , % = SCK
 - ☐ B. # = FPX , % = SCO
 - ☒ C. # = FPX , % = SCK
 - ☐ D. # = EPX , % = SCK

Q.18 Which factor has contributed most to the depletion of high-grade mineral ores in India over recent decades?

- Ans**
- ☒ A. Increased export of unprocessed minerals
 - ☒ B. Selective mining of rich ores
 - ☒ C. Limited foreign investment in mining
 - ☒ D. Overdependence on coal-based industries

Q.19 Let C_1 and C_2 be two concentric circles with centre O. Let AB be a chord on C_1 the larger circle such that AB touches C_2 at the point P. Then which of the following is true?

- (i) $OP = AP$
(ii) $AP = PB$
(iii) $OP = 2PB$
(iv) $OP = AB$

- Ans**
- ☒ A. $AP = PB$
 - ☒ B. $OP = 2PB$
 - ☒ C. $OP = AP$
 - ☒ D. $OP = AB$

Q.20 The surface area of a sphere is 154 cm^2 . What is the radius of the sphere? (Use $\pi = \frac{22}{7}$)

- Ans**
- ☒ A. 3.5 cm
 - ☒ B. 5 cm
 - ☒ C. 7 cm
 - ☒ D. 11 cm

Q.21 Which of the following leaders did the soldiers choose to lead them after rebelling against the British in 1857?

- Ans**
- ☒ A. Bahadur Shah Zafar
 - ☒ B. Mangal Pandey
 - ☒ C. Nana Sahib
 - ☒ D. Rani Lakshmibai

Q.22 Two quadratic equations $x^2 + x + p = 0$ and $x^2 + 2x - 3 = 0$ have one root common. What is a possible value of p?

- Ans**
- ☒ A. -1
 - ☒ B. -2
 - ☒ C. -4
 - ☒ D. -3

Q.23 The perimeter of a certain sector of a circle of radius 8 cm is 24 cm. Find the area of the sector.

- Ans**
- ☒ A. 32 cm^2
 - ☒ B. 22 cm^2
 - ☒ C. 29 cm^2
 - ☒ D. 38 cm^2

Q.24 In which year did the Vellore Mutiny take place?

- Ans**
- ☒ A. 1817 CE
 - ☒ B. 1857 CE
 - ☒ C. 1799 CE
 - ☒ D. 1806 CE

Q.25 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
OQR 42 TVW 35 YAB 28 DFG 21 ?

- Ans**
- ☒ A. IKL 14
 - ☐ B. ILK 14
 - ☐ C. IJK 13
 - ☐ D. IQZ 13

Q.26 Which of the following wildcards is used for finding the files matching a pattern?

- Ans**
- ☐ A. .[file extension]
 - ☐ B. -.[file extension]
 - ☐ C. +.[file extension]
 - ☒ D. *[file extension]

Q.27 Which classical Indian music form is primarily performed in temples as part of devotional worship, especially in Kerala?

- Ans**
- ☐ A. Khayal
 - ☒ B. Sopana Sangeetham
 - ☐ C. Dhrupad
 - ☐ D. Thumri

Q.28 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 is numbered 6. T lives on an even numbered floor but not 6. The sum of the floors on which Q and T live is 7. P lives immediately above U. The sum of the floors on which T and R live is 3. How many people live below T?

- Ans**
- ☒ A. 1
 - ☐ B. 4
 - ☐ C. 3
 - ☐ D. 2

Q.29 What is the role of parental consent under the DPDP Act, 2023, as of December 2025?

- Ans**
- ☐ A. To approve all digital device purchases
 - ☐ B. To allow schools to access children's medical records
 - ☐ C. To grant children access to online exams
 - ☒ D. To permit processing of a child's personal data by data fiduciaries

Q.30 Find the weighted mean of the first 5 natural numbers whose weights are equal to the corresponding numbers.

- Ans**
- ☐ A. $\frac{12}{5}$
 - ☐ B. $\frac{13}{3}$
 - ☒ C. $\frac{11}{3}$
 - ☐ D. $\frac{11}{5}$

Q.31 According to the World Population Review Report, 2024, which of the following regions of the world has the highest population density?

- Ans**
- ☒ A. South-Central Asia
 - ☐ B. North America
 - ☐ C. Central Africa
 - ☐ D. Western Europe

Q.32 _____ or 'Dance of an Enchantress' is a solo dance, performed primarily by women, in the state of Kerala.

- Ans**
- ☒ A. Thiruvathirakali
 - ☒ B. Mohiniyaattam
 - ☒ C. Kathakali
 - ☒ D. Bharatanatyam

Q.33 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. IG-HF
 - ☒ B. SQ-RP
 - ☒ C. HF-GE
 - ☒ D. AY-YZ

Q.34 By selling an article at $\frac{4}{11}$ of its actual selling price, Nirbhay incurs a loss of 20%.

If he sells it at 71% of its actual selling price, then the profit percentage is

- Ans**
- ☒ A. 58.3%
 - ☒ B. 56.2%
 - ☒ C. 58.5%
 - ☒ D. 57.8%

Q.35 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8674153, what will be the difference between the highest and lowest digits in the number thus formed?

- Ans**
- ☒ A. 5
 - ☒ B. 4
 - ☒ C. 6
 - ☒ D. 7

Q.36 What is the function of the keyboard shortcut Ctrl + Tab?

- Ans**
- ☒ A. Close a tab
 - ☒ B. Copy content
 - ☒ C. Save content
 - ☒ D. Switch between open tabs

Q.37 Which ion is responsible for the acidic nature of solutions?

- Ans**
- ☒ A. Chloride ion (Cl⁻)
 - ☒ B. Sodium ion (Na⁺)
 - ☒ C. Hydrogen ion (H⁺)
 - ☒ D. Hydroxide ion (OH⁻)

Q.38 Which of the following is a distinctive feature found in Harappan cities?

- Ans**
- ☒ A. Efficient transportation
 - ☒ B. Religious processions
 - ☒ C. Trade routes
 - ☒ D. Drainage system

Q.39 In a certain code language, 'window is open' is coded as 'fq ul pt' and 'clean the window' is coded as 'zd fq wp'. How is 'window' coded in that language?

- Ans**
- ☒ A. fq
 - ☐ B. ul
 - ☐ C. wp
 - ☐ D. pt

Q.40 Which type of computer memory loses its stored data when the power supply is turned off?

- Ans**
- ☐ A. Optical memory form
 - ☒ B. Volatile memory type
 - ☐ C. Magnetic memory set
 - ☐ D. Non-volatile memory type

Q.41 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) % V € L X @ £ & Y M P # N % € Z % P * © M \$ (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. 7
 - ☒ B. 5
 - ☐ C. 4
 - ☐ D. 6

Q.42 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
JIM 36 NMQ 24 RQU 12 VUY 0 ?

- Ans**
- ☒ A. ZYC -12
 - ☐ B. ZHQ -13
 - ☐ C. ZZB -12
 - ☐ D. ZXB -13

Q.43 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

15 A 5 C 6 B 8 D 1 = ?

- Ans**
- ☒ A. 50
 - ☐ B. 47
 - ☐ C. 49
 - ☐ D. 48

Q.44 Which of the following Articles of the Indian Constitution provides for a Uniform Civil Code (UCC)?

- Ans**
- ☐ A. Article 48
 - ☒ B. Article 44
 - ☐ C. Article 46
 - ☐ D. Article 42

Q.45 Three bells ring at regular intervals. The first bell rings every 120 minutes, the second every 180 minutes, and the third every 240 minutes. If all three bells ring together at 9:00 a.m., at what time will they ring together again?

- Ans**
- ✓ A. 9 p.m.
 - ✗ B. 6 p.m.
 - ✗ C. 12 noon
 - ✗ D. 3 p.m.

Q.46 Deoxyribonucleic Acid (DNA) and Ribonucleic Acid (RNA) belong to which class of biomolecules?

- Ans**
- ✓ A. Nucleic acids
 - ✗ B. Protein
 - ✗ C. Lipid
 - ✗ D. Carbohydrate

Q.47 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. BC-EF
 - ✗ B. EF-HI
 - ✗ C. TU-WX
 - ✓ D. QR-SW

Q.48 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:

All chairs are tables. All tables are boards. Some tables are desks.

Conclusions:

(I) Some boards are desks.

(II) Some chairs are desks.

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

Q.49 In a certain code language,
A + B means 'A is the son of B'
A – B means 'A is the brother of B'
A x 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 J if 'D ÷ F – G x H + J'?

- Ans**
- ✗ A. Wife's father
 - ✓ B. Son's wife's father
 - ✗ C. Wife's brother
 - ✗ D. Son's wife's brother

Q.50 In what duration (in years) will ₹7,200 fetch a simple interest of ₹360 at 4% per annum rate of interest?

- Ans**
- ✗ A. 2.25
 - ✗ B. 2.5
 - ✓ C. 1.25
 - ✗ D. 0.25

Q.51 If $p + \frac{1}{m} = m + \frac{1}{n} = n + \frac{1}{p}$ ($p \neq m \neq n$), then the value of $p \times m \times n$ is:

- Ans
- ☐ A. ± 2
 - ☐ B. $\pm \frac{1}{2}$
 - ☒ C. ± 1
 - ☐ D. 0

Q.52 Vanraj is twice as old as his younger brother, and his other brother is 3 years younger than the younger brother. If the sum of the ages of these three brothers 3 years ago was 20 years, find Vanraj's present age, in years.

- Ans
- ☒ A. 16
 - ☐ B. 15
 - ☐ C. 14
 - ☐ D. 18

Q.53 This question is based on the five, three-digit numbers given below.

(Left) 237 732 273 854 798 (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. 14
 - ☒ B. 8
 - ☐ C. 11
 - ☐ D. 12

Q.54 In a certain code language, 'TOUR' is coded as '2374' and 'RIOT' is coded as '7634'. What is the code for 'I' in the given code language?

- Ans
- ☐ A. 4
 - ☐ B. 3
 - ☒ C. 6
 - ☐ D. 7

Q.55 What are the three aims of economic policy listed in the 1991 document?

- Ans
- ☐ A. Protectionism, Regulation, Public Ownership
 - ☐ B. Nationalisation, Deregulation, Decentralisation
 - ☐ C. Market Liberalisation, Trade Restrictions, State Control
 - ☒ D. Liberalisation, Globalisation, Privatisation

Q.56 ₹6241 is divided among A, B, C, and D in such a way that the shares of A and B, B and C, and C and D are in the ratios of 2 : 3, 4 : 5, and 10 : 3 respectively. The share of A (in ₹) is:

- Ans
- ☐ A. 1174
 - ☒ B. 1264
 - ☐ C. 1384
 - ☐ D. 1334

Q.57 What should come in place of '?' in the given series?

45 46 50 59 75 ?

- Ans
- ☐ A. 98
 - ☐ B. 101
 - ☐ C. 99
 - ☒ D. 100

Q.58 If $3(\sin^2\theta + \operatorname{cosec}^2\theta) = 10$, then the value of $\cot^6\theta + \operatorname{cosec}^6\theta$ is :

- Ans
- ☒ A. 35
 - ☐ B. 43
 - ☐ C. 28
 - ☐ D. 37

Q.59 The Pallava dynasty had its capital at which of the following places?

- Ans
- ☒ A. Kanchipuram
 - ☐ B. Vatapi
 - ☐ C. Badami
 - ☐ D. Madurai

Q.60 Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. H sits third to the left of W. V sits second to the left of G. U sits third to the right of I. U sits to the immediate right of H. F is not an immediate neighbour of H. How many people sit between F and G when counted from the right of F?

- Ans
- ☒ A. Three
 - ☐ B. Two
 - ☐ C. Four
 - ☐ D. One

Q.61 Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)
(Left) 3 6 2 £ 4 9 + 7 ~ 1 # % \$ 5 ? & = * Ω 8 @ (Right)
How many such symbols are there, each of which is immediately preceded by an odd number but not immediately followed by an even number?

- Ans
- ☐ A. One
 - ☐ B. Two
 - ☒ C. Four
 - ☐ D. Three

Q.62 Which of the following sectors is Shri Uday Kotak connected with, for which he was awarded the Padma Bhushan as announced in the Padma Awards 2026?

- Ans
- ☐ A. Science and Innovation
 - ☒ B. Trade and Industry
 - ☐ C. Social Development
 - ☐ D. Public Service

Q.63 12 is related to 86 following a certain logic. Following the same logic, 17 is related to 116. To which of the following is 21 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. 146
 - ☐ B. 152
 - ☐ C. 158
 - ☒ D. 140

Q.64 The cold and chilly winds that are blocked by the Himalayas originate from Central Asia and regions close to which of the following?

- Ans**
- ☐ A. Pacific Ocean
 - ☒ B. Arctic Circle
 - ☐ C. Central Africa
 - ☐ D. Mediterranean Region

Q.65 The ages of A and B are in the ratio 5 : 8. After 6 years, the ratio becomes 3 : 4. What is A's present age?

- Ans**
- ☐ A. 9 years
 - ☐ B. 9.7 years
 - ☒ C. 7.5 years
 - ☐ D. 11 years

Q.66 27% reservation for OBCs in educational institutions was provided through which Constitutional Amendment of the Indian Constitution?

- Ans**
- ☐ A. Eighty-Sixth Amendment
 - ☒ B. Ninety-Third Amendment
 - ☐ C. Ninety-Fourth Amendment
 - ☐ D. Ninety-Seventh Amendment

Q.67 The mean and the mode of a set of data are 17.9 and 24.7, respectively. Find the median of the data, using the empirical formula (correct to one decimal place).

- Ans**
- ☐ A. 19.9
 - ☐ B. 21.4
 - ☒ C. 20.2
 - ☐ D. 20.3

Q.68 FDI in Multi Brand Retail Trade is permitted up to what limit?

- Ans**
- ☐ A. 49%
 - ☒ B. 51%
 - ☐ C. 100%
 - ☐ D. 74%

Q.69 Which Indian cooperatives were ranked first and second, respectively, in the International Cooperative Alliance World Cooperative Monitor 2025, as announced at the ICA CM50 Conference in Doha in 2025?

- Ans**
- ☐ A. IFFCO ranked first and KRIBHCO ranked second
 - ☐ B. IFFCO ranked first and Amul (GCMMF) ranked second
 - ☐ C. Amul (GCMMF) ranked first and KRIBHCO ranked second
 - ☒ D. Amul (GCMMF) ranked first and IFFCO ranked second

Q.70 Two runners A and B start simultaneously from the same point on a circular track of length 840 m and run in the clockwise direction. The speed of A is 7 m/s and the speed of B is 5 m/s. At what distance from the starting point in the clockwise direction and after how many complete rounds by A, does A meet with B again the first time?

- Ans**
- ☐ A. 210 m after completing 3 rounds
 - ☐ B. 210 m after completing 2 rounds
 - ☒ C. 420 m after completing 3 rounds
 - ☐ D. 420 m after completing 2 rounds

Q.71 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 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)
15, 73
19, 93

- Ans**
- ☐ A. 22, 113
 - ☐ B. 23, 114
 - ☒ C. 23, 113
 - ☐ D. 22, 114

Q.72 Under the 74th Amendment of the Indian Constitution, who is eligible for representation in a municipality without voting rights?

- Ans**
- ☐ A. Governors of States
 - ☐ B. Members of the Gram Sabha
 - ☒ C. Persons with special knowledge in municipal administration
 - ☐ D. The Chief Minister

Q.73 Which process in the contemporary period is responsible for economic integration of countries on a global scale?

- Ans**
- ☐ A. Industrialisation
 - ☐ B. Glocalisation
 - ☐ C. Transnationalisation
 - ☒ D. Globalisation

Q.74 In 2025, which United Nations body released the Global Methane Status Report?

- Ans**
- ☐ A. Intergovernmental Panel on Climate Change (IPCC)
 - ☐ B. UN Framework Convention on Climate Change (UNFCCC)
 - ☒ C. UN Environment Programme (UNEP)
 - ☐ D. World Meteorological Organization (WMO)

Q.75 There are 30 members in group A, 21 members in group B and 40 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹378, ₹355 and ₹224, respectively. The overall average amount (in ₹) spent per member is:

- Ans**
- ☐ A. 302
 - ☐ B. 304
 - ☐ C. 303
 - ☒ D. 305

Q.76 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'
A ÷ B means 'A is the husband of B'

Based on the above, how is Y related to S if 'Y + N × K ÷ T - S'?

- Ans
- ☐ A. Father's sister
 - ☐ B. Mother
 - ☒ C. Father's mother
 - ☐ D. Sister

Q.77 HM 14 is related to EJ 16 in a certain way. In the same way, RW 22 is related to OT 24. To which of the following is SX 27 related, following the same logic?

- Ans
- ☒ A. PU 29
 - ☐ B. QU 28
 - ☐ C. PV 29
 - ☐ D. QV 29

Q.78 The term GIGO (Garbage In Garbage Out) is most closely related to which computer characteristic?

- Ans
- ☐ A. Diligence
 - ☐ B. No Heuristics
 - ☐ C. Storage Capacity
 - ☒ D. Accuracy

Q.79 Evaluate: $(-9) - (-56) \div (-8) + (-4) \times 7$

- Ans
- ☐ A. -47
 - ☒ B. -44
 - ☐ C. -43
 - ☐ D. -46

Q.80 Girish scored 424 marks in an examination and was 13 marks short of 19% of the maximum marks. In the same examination, his friend scored 529 marks. What is the percentage of marks scored by his friend?

- Ans
- ☐ A. 26%
 - ☐ B. 22%
 - ☒ C. 23%
 - ☐ D. 25%

Q.81 Which of the following languages is linked with the abhang devotional verses composed by Sant Tukaram in praise of the Divine?

- Ans
- ☐ A. Gujarati
 - ☐ B. Kannada
 - ☒ C. Marathi
 - ☐ D. Hindi

Q.82 In which system of thermodynamics, there is no exchange of energy or matter between the system and the surroundings?

- Ans
- ☐ A. Partially closed
 - ☒ B. Isolated
 - ☐ C. Open
 - ☐ D. Closed

Q.83 According to Article 171 of the Constitution of India, the total membership of a State's Legislative Council shall not surpass which of the following proportions of the total members of the State Legislative Assembly?

- Ans**
- ☒ A. One-third
 - ☐ B. One-fourth
 - ☐ C. One-half
 - ☐ D. Two-thirds

Q.84 Lagan starts from Point A and drives 22 km towards South. He then takes a right turn, drives 13 km, turns right and drives 27 km. He then takes a right turn and drives 21 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. 8 km to the east
 - ☒ B. 8 km to the west
 - ☐ C. 7 km to the west
 - ☐ D. 7 km to the east

Q.85 Along with CO₂, which of the following initiators are essential for light-independent reactions during photosynthesis?

- Ans**
- ☒ A. ATP and NADPH
 - ☐ B. CO₂ and glucose
 - ☐ C. Hydrolases and H₂O
 - ☐ D. CO₂ and H₂O

Q.86 23 is related to 139 following a certain logic. Following the same logic, 28 is related to 169. To which of the following is 25 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. 151
 - ☐ B. 146
 - ☐ C. 155
 - ☐ D. 141

Q.87 Two numbers A and B are such that the sum of 10% of A and 20% of B is equal to three-fourths the sum of 20% of A and 10% of B. Find the ratio of A to B.

- Ans**
- ☐ A. 2 : 5
 - ☐ B. 5 : 3
 - ☒ C. 5 : 2
 - ☐ D. 3 : 5

Q.88 P, Q and R, each working alone, can complete a piece of work in, respectively, 10 days, 15 days and 25 days. If P works on all days, Q works on every odd-numbered day and R works on every even-numbered day, then in how many days will the whole work be completed?

- Ans**
- ☐ A. $10\frac{11}{25}$
 - ☐ B. $12\frac{3}{25}$
 - ☐ C. $8\frac{9}{25}$
 - ☒ D. $6\frac{12}{25}$

Q.89 Evaluate: $16 + 20 \div 4 - 2 \times 3$

- Ans
- ☐ A. 18
 - ☐ B. 17
 - ☐ C. 14
 - ☒ D. 15

Q.90 Two trains move in opposite directions at 90 km/hr and 70 km/hr. One train is 480 m long. If they cross each other in 27 seconds, find the length of the other train (in metres).

- Ans
- ☐ A. 735
 - ☐ B. 725
 - ☐ C. 730
 - ☒ D. 720

Q.91 What should come in place of '?' in the given series?

13 15 18 23 30 ?

- Ans
- ☐ A. 38
 - ☐ B. 33
 - ☒ C. 41
 - ☐ D. 36

Q.92 The first residential university of the world, Nalanda, was established under the patronage of which of the following rulers?

- Ans
- ☐ A. Chandragupta I
 - ☐ B. Samudragupta
 - ☒ C. Kumaragupta I
 - ☐ D. Skandagupta

Q.93 Which battle in 1741 marked the defeat of the Dutch by an Indian ruler?

- Ans
- ☐ A. Carnatic Wars
 - ☒ B. Battle of Colachel
 - ☐ C. Battle of Plassey
 - ☐ D. Battle of Buxar

Q.94 Which of the following is a limitation for increasing the government expenditure to stimulate economic growth in Indian economy?

- Ans
- ☐ A. Drastically increasing foreign trade
 - ☐ B. Creating stagflation tendencies
 - ☒ C. Possibility of increased inflation
 - ☐ D. Drastically increasing social capital development

Q.95 In 2025, which province of the Democratic Republic of the Congo reported a new Ebola outbreak caused by the Zaire Ebola virus strain?

- Ans
- ☒ A. Kasai Province
 - ☐ B. Ituri Province
 - ☐ C. North Kivu Province
 - ☐ D. Kinshasa Province

Q.96 Two taps can fill a cistern in 2 hours and 57 hours respectively. A third tap can empty it in 57 hours. How long (in hours) will it take to fill half of the empty cistern, if all of them are opened together?

- Ans**
- ☐ A. 3
 - ☐ B. 4
 - ☒ C. 1
 - ☐ D. 2

Q.97 Where was the Nagpur Book Festival 2025 scheduled to be held?

- Ans**
- ☐ A. Yeshwant Stadium
 - ☒ B. Reshimbagh Ground
 - ☐ C. Kasturchand Park
 - ☐ D. Mankapur Stadium

Q.98 A and B invest in a business in the ratio 3 : 2. If they earn a total profit of ₹25,000, then how much profit does B receive?

- Ans**
- ☐ A. ₹12,000
 - ☐ B. ₹5,000
 - ☒ C. ₹10,000
 - ☐ D. ₹15,000

Q.99 A sphere inscribes a cone of radius 3 cm and height $3\sqrt{2}$ cm. Find the surface area (in cm^2) of the sphere. [Use $\pi = \frac{22}{7}$]

- Ans**
- ☐ A. $14\frac{1}{7}$
 - ☒ B. $127\frac{2}{7}$
 - ☐ C. $42\frac{1}{3}$
 - ☐ D. $86\frac{2}{3}$

Q.100 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 – Nisha, Ojas, Pallav, Ritu, and Suman – are standing in a straight line facing east.

Who is standing second from the left end?

(I) Pallav is standing immediately to the left of Ritu, and Ritu is not standing at either ends.

(II) Nisha is standing at the extreme left end, and Ojas is standing immediately to the right of Suman.

- 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



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	24/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Which of the following pollutants is most closely associated with the formation of acid rain?

- Ans
- ☒ A. Ammonia
 - ☒ B. Methane
 - ☒ C. Ozone
 - ☒ D. Sulphur dioxide

Q.2 Which leader was a close associate of Mahatma Gandhi and carried out a salt protest in the Madras Presidency during the Civil Disobedience Movement?

- Ans
- ☒ A. Sarojini Naidu
 - ☒ B. Sardar Vallabhbhai Patel
 - ☒ C. C. Rajagopalachari
 - ☒ D. K. Kamaraj

Q.3 The National Commission for Scheduled Tribes (NCST) was created by which Constitutional Amendment?

- Ans
- ☒ A. 97th Amendment
 - ☒ B. 65th Amendment
 - ☒ C. 89th Amendment
 - ☒ D. 102nd Amendment

Q.4 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 84 pages?

- Ans
- ☒ A. 1690
 - ☒ B. 1670
 - ☒ C. 1680
 - ☒ D. 1685

Q.5 The Digital India programme was launched in which year to enable digital delivery of services to citizens?

- Ans
- ☒ A. 2015
 - ☒ B. 2019
 - ☒ C. 2020
 - ☒ D. 2017

Q.6 In a certain code language, 'COOK' is coded as '8245' and 'HOOK' is coded as '5429'. What is the code for 'H' in that language?

- Ans**
- ☒ A. 8
 - ☒ B. 9
 - ☒ C. 4
 - ☒ D. 5

Q.7 Which of the following nuclear power stations has the highest capacity (Megawatt electric) as of 2023?

- Ans**
- ☒ A. Narora Atomic Power Plant
 - ☒ B. Tarapur Atomic Power Plant
 - ☒ C. Kudankulam Atomic Power Plant
 - ☒ D. Kakrapar Atomic Power Plant

Q.8 X, Y, Z, 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 is numbered 6. U lives on floor number 4. Only two people live between U and Z. Only T lives between U and Y. X lives immediately below U. Who lives on floor number 5?

- Ans**
- ☒ A. S
 - ☒ B. Y
 - ☒ C. X
 - ☒ D. T

Q.9 A quadratic polynomial $f(x)$ gives a remainder of 5 when divided by $(x - 2)$, and of -3 when divided by $(x - 4)$. If $f(x)$ is of the form $ax^2 + bx + c$ and the leading coefficient is 1, then which of the following is the correct quadratic equation $f(x)=0$?

- Ans**
- ☒ A. $x^2 - 10x + 21 = 0$
 - ☒ B. $x^2 - 6x + 11 = 0$
 - ☒ C. $x^2 - 9x + 20 = 0$
 - ☒ D. $x^2 - 8x + 13 = 0$

Q.10 Which of the following statements best describes the role of Self-Help Groups (SHGs) in India?

- Ans**
- ☒ A. They provide large-scale industrial loans to farmers
 - ☒ B. They function as government-owned cooperative banks
 - ☒ C. They operate as regional offices of the Reserve Bank of India
 - ☒ D. They encourage thrift and extend micro-credit facilities to poor rural women

Q.11 What property do solids possess due to their closely packed particles?

- Ans**
- ☒ A. Rigidity
 - ☒ B. Transparency
 - ☒ C. Fluidity
 - ☒ D. Compressibility

Q.12 Which Indian government initiative has been introduced to support informal workers in urban areas?

- Ans**
- ☒ A. Jal Shakti Abhiyan
 - ☒ B. PM-KISAN
 - ☒ C. PM-SVANidhi
 - ☒ D. PM Ujjwala Yojana

Q.13 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. RQ-PO
☒ B. ZY-XW
☒ C. YX-WV
☒ D. LK-IK

Q.14 Each of the digits in the number 7814329 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. Four
☒ B. Three
☒ C. One
☒ D. Two

Q.15 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only four people sit between D and C when counted from the right of D. R sits third to the right of D. B sits third to the left of Q. P is an immediate neighbor of both C and R. How many people sit between O and P when counted from the left of O?

Ans ☒ A. One
☒ B. Two
☒ C. Four
☒ D. Three

Q.16 Which city hosted the signing of the first universal legal framework to combat the escalating threat of cybercrime worldwide, when 72 nations signed the United Nations Convention against Cybercrime?

Ans ☒ A. Geneva
☒ B. Vienna
☒ C. New York
☒ D. Hanoi

Q.17 At UNEA-7, in December 2025, which initiative highlighted by India emphasizes individual and community action for environmental sustainability, contributing to SDG 12 (Responsible Consumption & Production) and SDG 13 (Climate Action)?

Ans ☒ A. Make in India
☒ B. Mission LiFE
☒ C. Swachh Bharat Abhiyan
☒ D. Digital India

Q.18 What contributed to the height of the Citadel in the Harappan civilisation?

Ans ☒ A. Mud brick platforms
☒ B. Stone construction
☒ C. Adobe walls
☒ D. Wooden pillars

Q.19 When was the Pradhan Mantri Janjatiya Unnat Gram Abhiyaan (PMJUGA) started?

Ans ☒ A. 2023
☒ B. 2024
☒ C. 2022
☒ D. 2025

Q.20 In an election between two candidates, 80% of the registered voters cast their votes and 3% of the votes polled were found invalid. Winning candidate got 52% of the valid votes and won the election by a margin of 291 votes. How many voters were registered?

- Ans**
- ☐ A. 9373
 - ☐ B. 9370
 - ☐ C. 9378
 - ☒ D. 9375

Q.21 Evaluate: $16 + 20 \div 4 - 2 \times 4$

- Ans**
- ☒ A. 13
 - ☐ B. 16
 - ☐ C. 15
 - ☐ D. 12

Q.22 Which event recognized authors such as Rabi Alameddine and Omar El Akkad with top honours in 2025?

- Ans**
- ☐ A. Pulitzer Prize
 - ☐ B. Commonwealth Writers' Prize
 - ☐ C. Booker Prize
 - ☒ D. National Book Awards

Q.23 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. PLO
 - ☐ B. NJM
 - ☒ C. JFH
 - ☐ D. LHK

Q.24 The National Small Industries Corporation was established in India in ____.

- Ans**
- ☐ A. 1982
 - ☐ B. 1954
 - ☒ C. 1955
 - ☐ D. 1975

Q.25 Which of the given ratios is the greatest?

3 : 17, 13 : 67, 10 : 37 and 5 : 9

- Ans**
- ☐ A. 13 : 67
 - ☒ B. 5 : 9
 - ☐ C. 10 : 37
 - ☐ D. 3 : 17

Q.26 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'
A # B means 'A is the daughter of B'
Based on the above, how is G related to D if 'G # P – L # C + D'?

- Ans ☒ A. Brother's daughter
☐ B. Father's sister
☐ C. Father's mother
☐ D. Son's daughter

Q.27 Which city hosted the 7th Future Food Forum 2025 focused on food security and sustainability?

- Ans ☐ A. Riyadh
☐ B. New Delhi
☐ C. Singapore
☒ D. Dubai

Q.28 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$25 \div 2 + 12 \times 4 - 7 = ? + 13$$

- Ans ☐ A. 66
☐ B. 64
☐ C. 65
☒ D. 67

Q.29 The impeachment of President due to violation of the the Constitution is preferred by _____.

- Ans ☐ A. Only Lok Sabha
☐ B. Only Rajya Sabha
☒ C. Either House of the Parliament
☐ D. Only Speaker of Lok Sabha

Q.30 In a right-angled triangle ABC, $\angle C = 90^\circ$, $\angle A = 45^\circ$, and the length of the adjacent side to $\angle A$ (side AC) is 7 units.
Determine the length of the side AB (the hypotenuse).

- Ans ☐ A. 14 units
☐ B. 7 units
☒ C. $7\sqrt{2}$ units
☐ D. $14\sqrt{2}$ units

Q.31 Under which section can we find the total processor utilization across all cores on a computer?

- Ans ☒ A. Task Manager
☐ B. My Computer
☐ C. Settings
☐ D. Recycle Bin

Q.32 Which of the following articles of the Indian Constitution deal with the Audit of accounts of the Panchayats and Municipalities?

- Ans**
- ☐ A. Article 243 G and Article 243 ZB
 - ☐ B. Article 243 I and Article 243 Y
 - ☒ C. Article 243 J and Article 243 Z
 - ☐ D. Article 243 M and Article 243 ZA

Q.33 In which year was the 52nd Amendment Act of the Indian Constitution, which introduced the Anti-Defection Law to prevent elected representatives from switching political parties, passed?

- Ans**
- ☒ A. 1985
 - ☐ B. 1975
 - ☐ C. 1990
 - ☐ D. 1980

Q.34 Three positive integers, a, b, c, satisfy: $\gcd(a, b) = 8$, $\gcd(b, c) = 12$, $\gcd(c, a) = 4$ and $\text{LCM}(a, b, c) = 240$. Then, the minimum value of $a + b + c$ is:

- Ans**
- ☒ A. 100
 - ☐ B. 84
 - ☐ C. 96
 - ☐ D. 80

Q.35 What was the theme of the Emerging Science, Technology, and Innovation Conclave (ESTIC) held in November 2025?

- Ans**
- ☐ A. Emerging Technologies for a Better Tomorrow
 - ☐ B. Imagine, Innovate, Inspire for Viksit Bharat 2047
 - ☐ C. Innovating for Sustainable Development
 - ☒ D. Science and Technology for Inclusive Growth

Q.36 Solve the given equations for (x, y, z):

$$\begin{aligned}x + y + z &= 2 \\6x - 4y + 5z &= 31 \\5x + 2y + 2z &= 13\end{aligned}$$

- Ans**
- ☐ A. (3, -2, -1)
 - ☐ B. (-3, -2, 1)
 - ☒ C. (3, -2, 1)
 - ☐ D. (3, 2, 1)

Q.37 The ratio of the lengths of two corresponding sides of two similar triangles is 16 : 14. The ratio of the areas of these two triangles, in the order mentioned, is:

- Ans**
- ☒ A. 256 : 196
 - ☐ B. $16\sqrt{16} : 14$
 - ☐ C. 257 : 197
 - ☐ D. 16 : 14

Q.38 The founder of the Chola empire, Vijayalaya, was the feudatory of which of the following South Indian powers?

- Ans**
- ☐ A. Chalukyas
 - ☐ B. Vakatakas
 - ☒ C. Pallavas
 - ☐ D. Gangas

Q.39 There are 12 members in group A, 55 members in group B and 89 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹160, ₹109 and ₹181, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☐ A. 157
 - ☐ B. 153
 - ☐ C. 151
 - ☒ D. 154

Q.40 When the kidneys are not able to reabsorb the glucose, then the glucose will be excreted through the urine. This condition is known as:

- Ans
- ☐ A. Cystinosis
 - ☐ B. Ascites
 - ☒ C. Glycosuria
 - ☐ D. Lupus nephritis

Q.41 The selling price of 48 pieces of an item is same as the cost price of its x pieces. If the profit is 25%, then find the value of x .

- Ans
- ☒ A. 60
 - ☐ B. 40
 - ☐ C. 50
 - ☐ D. 70

Q.42 Who among the following was NOT sentenced to death in the Kakori Conspiracy Case (1925)?

- Ans
- ☒ A. Sachindra Nath Bakshi
 - ☐ B. Roshan Singh
 - ☐ C. Ashfaqulla Khan
 - ☐ D. Rajendra Lahiri

Q.43 If $(x+y) : (y+z) : (z+x) = 6 : 7 : 8$ and $x + y + z = 14$, then find the value of z .

- Ans
- ☐ A. 8
 - ☒ B. 6
 - ☐ C. 5
 - ☐ D. 7

Q.44 How many coins, each 5.5 cm in circumference and 2 mm thick, must be melted to form a cuboid of dimensions 14 cm $\times$ 11 cm $\times$ 8 cm? (Use $\pi = 22/7$)

- Ans
- ☒ A. 2560
 - ☐ B. 2370
 - ☐ C. 2480
 - ☐ D. 2240

Q.45 The sum of the cubes of the numbers 55, -30 and -25 is equal to:

- Ans
- ☐ A. 132570
 - ☐ B. 132750
 - ☐ C. 123570
 - ☒ D. 123750

Q.46 Dinesh starts from Point A and drives 46 km towards West. He then takes a left turn, drives 25 km, turns left and drives 35 km. He then takes a left turn and drives 67 km. He takes a final right turn, drives 11 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. 40 km to the South
 - ☐ B. 40 km to the North
 - ☒ C. 42 km to the South
 - ☐ D. 42 km to the North

Q.47 Refer to the given letter, number, symbol series and answer the question that follows. Counting to be done from left to right. All numbers are single-digit numbers.

(Left) W 5 \$ D % 9 R Q 2 8 @ F # 6 P 3 V & L 4 K ^ U (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.48 Govind gets double the amount in 7 years when invested at compound interest, compounded annually. In how many years will the amount become eight times itself?

- Ans**
- ☐ A. 28
 - ☐ B. 14
 - ☒ C. 21
 - ☐ D. 56

Q.49 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.

RUB : WSG
BQL : GOQ

- Ans**
- ☒ A. LMV : QKA
 - ☐ B. BCG : GYL
 - ☐ C. KDH : NZK
 - ☐ D. MHV : OCX

Q.50 The Harappan cities were famous for their _____.

- Ans**
- ☐ A. Irregular street patterns
 - ☐ B. Stone palaces
 - ☒ C. Grid system of town planning
 - ☐ D. Wooden houses

Q.51 At what rate per annum will a sum of money become four times itself in 25 years under simple interest?

- Ans**
- ☐ A. 10%
 - ☐ B. 14%
 - ☒ C. 12%
 - ☐ D. 24%

Q.52 Article 23 specifically prohibits which practice?

- Ans**
- ☐ A. Child employment in hazardous industries
 - ☐ B. Compulsory service in the armed forces
 - ☒ C. Trafficking in human beings
 - ☐ D. Conferring of titles

Q.53 Which forest type in India is known for its year-round green canopy due to no fixed period of leaf shedding?

- Ans**
- ☐ A. Montane pine forests
 - ☐ B. Tropical thorn forests
 - ☒ C. Tropical evergreen forests
 - ☐ D. Dry deciduous forests

Q.54 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
HKS 13 NQY18 TWE 23 ZCK 28 ?

- Ans**
- ☐ A. LFT 36
 - ☒ B. FIQ 33
 - ☐ C. KSR 38
 - ☐ D. BSO 35

Q.55 In December 2025, which institution's scientists created the bioluminescent CRISPR protein 'GlowCas9' that can track gene editing?

- Ans**
- ☐ A. IIT, Delhi
 - ☐ B. TIFR, Mumbai
 - ☐ C. IISc, Bangalore
 - ☒ D. Bose Institute, Kolkata

Q.56 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
YIV 11, VGU 15, SET 19, PCS 23, ?

- Ans**
- ☐ A. NAQ 29
 - ☐ B. MYN 25
 - ☒ C. MAR 27
 - ☐ D. MZP 27

Q.57 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 9 : 4 : 8. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹23,000, then out of a total annual profit of ₹33,000, what is the difference between X's and Y's profit?

- Ans**
- ☐ A. ₹5845
 - ☐ B. ₹3880
 - ☒ C. ₹4840
 - ☐ D. ₹4660

Q.58 In a certain code language,
M + K means 'M is the brother of K',
M % K means 'M is the mother of K',
M \$ K means 'M is the father of K', and
M - K means 'M is the sister of K'.
Based on the above, how is C related to W if 'W % A \$ C + J'?

- Ans**
- ☐ A. Brother's son
 - ☐ B. Son
 - ☐ C. Brother
 - ☒ D. Son's son

Q.59 Which of the following Acts granted Delhi, the National Capital Territory, a legislative assembly?

- Ans
- ☐ A. Delhi Governance Act, 2001
 - ☐ B. Delhi Administration Act, 1987
 - ☐ C. Union Territories Act, 1963
 - ☒ D. Government of NCT of Delhi Act, 1991

Q.60 Which characteristic of a computer ensures that identical input and instructions always produce the same output?

- Ans
- ☐ A. Flexibility
 - ☒ B. Consistency
 - ☐ C. Expansion
 - ☐ D. Mobility

Q.61 The sum of the interior angles of a regular polygon is 1620° . What is the difference (in degrees) between the measures of an interior angle and an exterior angle of the polygon?

- Ans
- ☒ A. $114\frac{6}{11}$
 - ☐ B. $182\frac{5}{11}$
 - ☐ C. $213\frac{2}{11}$
 - ☐ D. $151\frac{3}{11}$

Q.62 The biography Sivam Subham: The Biography of a Couple, highlighted in October 2025 current-affairs notes, chronicles the life of which legendary couple?

- Ans
- ☐ A. Ravi Shankar and Annapurna Devi
 - ☒ B. M.S. Subbulakshmi and T. Sadasivam
 - ☐ C. Lata Mangeshkar and Hridaynath Mangeshkar
 - ☐ D. Kishore Kumar and Ruma Guha Thakurta

Q.63 By selling an article at $\frac{3}{11}$ of its marked price, Hitesh incurs a loss of 15%.

If he sells it at 54% of its marked price, then the profit percentage is

- Ans
- ☐ A. 67.4%
 - ☒ B. 68.3%
 - ☐ C. 67.2%
 - ☐ D. 69.5%

Q.64 107 is related to 158 following a certain logic. Following the same logic, 122 is related to 173. To which of the following is 154 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. 205
 - ☐ B. 218
 - ☐ C. 198
 - ☐ D. 213

Q.65 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. Arjun, Kunal, Mohit, Prateek, and Saurav, each have different height. Who is the tallest?

(I) Mohit is taller than Arjun and Kunal but shorter than Prateek.

(II) Saurav is taller than Mohit but shorter than Prateek.

- 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

Q.66 Who was popularly known as the 'Lion of Punjab' during the Extremist phase?

- Ans**
- ☒ A. Rajguru
 - ☒ B. Bhagat Singh
 - ☒ C. Lala Lajpat Rai
 - ☒ D. Bal Gangadhar Tilak

Q.67 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) M K L \$ F % G & # @ S ! S + ? K > H V 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.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 :: ?

: JOP :: YDE : %

- Ans**
- ☒ A. # = OTL % = TPZ
 - ☒ B. # = OTT % = TTZ
 - ☒ C. # = OTU % = TYZ
 - ☒ D. # = TOU % = TZY

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 :: ?

: PZH :: MWE : %

- Ans**
- ☒ A. # = FPX % = WGO
 - ☒ B. # = YPX % = WGO
 - ☒ C. # = FPX % = WGP
 - ☒ D. # = FPX % = WHO

Q.70 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	31	29	33	28	39	10	18

- Ans**
- ☒ A. 61.75
 - ☒ B. 62.75
 - ☒ C. 64.75
 - ☒ D. 65.75

Q.71

If $x = 7^{\frac{2}{3}} - 7^{\frac{-2}{3}}$, then the value of $x^3 + 3x$ is:

Ans

- ☐ A. $\frac{790}{343}$
- ☒ B. $\frac{2400}{49}$
- ☐ C. $\frac{2500}{42}$
- ☐ D. $\frac{800}{49}$

Q.72 In a certain code language, 'OMIT' is coded as '4295' and 'TIME' is coded as '2458'. What is the code for 'E' in the given code language?

Ans

- ☐ A. 4
- ☒ B. 8
- ☐ C. 5
- ☐ D. 2

Q.73 On which of the following days was World Wetlands Day observed in 2026, focusing on the theme "Wetlands and traditional knowledge: Celebrating cultural heritage"?

Ans

- ☐ A. February 3
- ☐ B. February 1
- ☐ C. February 4
- ☒ D. February 2

Q.74 What are the different forms of a gene called?

Ans

- ☐ A. Chromosomes
- ☐ B. Genotypes
- ☐ C. Phenotypes
- ☒ D. Alleles

Q.75 Who among the following received the Padma Vibhushan award for his contribution to Indian classical dance?

Ans

- ☐ A. Mallika Sarabhai
- ☐ B. Shovana Narayan
- ☒ C. Birju Maharaj
- ☐ D. Sonal Mansingh

Q.76 What is the maximum value that must be assigned to A so that the 8-digit number 230A7807 is divisible by 3?

Ans

- ☐ A. 5
- ☐ B. 4
- ☒ C. 9
- ☐ D. 7

Q.77 A solid cylinder is cut into 5 identical pieces by making cuts parallel to its flat surfaces. The curved surface area of all pieces is equal to the flat surface area of all pieces. If the total surface area of a piece is S square units, then the total surface area of the cylinder was _____ square units initially.

Ans

- ☐ A. 5S
- ☐ B. 2S
- ☐ C. 4S
- ☒ D. 3S

Q.78 A shopkeeper fixes the marked price of an item 136% above its cost price. What percentage of discount on marked price should be allowed to gain 18%?

- Ans**
- ☒ A. 47%
 - ☒ B. 51%
 - ☒ C. 48%
 - ☒ D. 50%

Q.79 What should come in place of '?' in the given series?

73 71 68 63 56 ?

- Ans**
- ☒ A. 45
 - ☒ B. 44
 - ☒ C. 46
 - ☒ D. 43

Q.80 Which glacier, located in the Karakoram range, is the longest in this range and the second longest in the world outside the polar regions?

- Ans**
- ☒ A. Pindari Glacier
 - ☒ B. Baltoro Glacier
 - ☒ C. Siachen Glacier
 - ☒ D. Gangotri Glacier

Q.81 51 is related to 253 following a certain logic. Following the same logic, 38 is related to 188. To which of the following is 32 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. 158
 - ☒ C. 152
 - ☒ D. 154

Q.82 What should come in place of '?' in the given series?

122 120 117 112 105 ?

- Ans**
- ☒ A. 93
 - ☒ B. 94
 - ☒ C. 95
 - ☒ D. 92

Q.83 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 beds are pillows.
All pillows are towels.
All towels are cushions.

Conclusions:

(I) All cushions are pillows.
(II) Some towels are beds.

- 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

Q.84 The ratio of the angles of a triangle is 2:3:4. What percentage of the total angle measure is the largest angle? (Round to the nearest integer)

- Ans**
- ☒ A. 44%
 - ☐ B. 40%
 - ☐ C. 42%
 - ☐ D. 46%

Q.85 Two taps can fill a cistern in 4 hours and 30 hours respectively. A third tap can empty it in 30 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans**
- ☐ A. 3
 - ☒ B. 1
 - ☐ C. 2
 - ☐ D. 4

Q.86 Refer to the following letter, number and symbol series and answer the question. (All numbers are single digit numbers only)

(Left) E % Y & T 2 K 4 # 5 C * 6 S D \$ 3 7 R @ G (Right)

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

- Ans**
- ☐ A. S
 - ☒ B. *
 - ☐ C. K
 - ☐ D. C

Q.87 The marks obtained by a student in five subjects are: 72, 68, 74, 70, and 76. What is the average marks of the student per subject?

- Ans**
- ☐ A. 74
 - ☐ B. 70
 - ☐ C. 75
 - ☒ D. 72

Q.88 J, K, L, R, 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 is numbered 2 and so on till the topmost floor is numbered 6. Only three people live between R and S, where R lives below S. J lives on an odd numbered floor and immediately above R. L lives on one of the floors below K and on one of the floors above T. Who lives on floor number 4?

- Ans**
- ☐ A. T
 - ☐ B. R
 - ☒ C. L
 - ☐ D. J

Q.89 A computer performs millions of calculations in a fraction of a second. Which characteristic is primarily demonstrated here?

- Ans**
- ☐ A. Versatility
 - ☐ B. Accuracy
 - ☐ C. Storage
 - ☒ D. Speed

Q.90 In a circular race of length 1530 m, Shahrukh and Amir start simultaneously from the same point and run in the same direction. Shahrukh completes one round in 85 seconds, while Amir completes one round in 90 seconds. How many different meeting points are there on the circumference of the track?

- Ans** ☒ A. 1
☐ B. 35
☐ C. 11
☐ D. 2

Q.91 Who among the following composed the work Rajashekharacharitra, which is a Prabandha dealing with the wars and loves of Rajashekhar, King of Avanti?

- Ans** ☐ A. Allasani Peddana
☒ B. Madayagari Mallana
☐ C. Krishnadevaraya
☐ D. Nachana Somanatha

Q.92 The following table shows the heights of plants (in cm) and the corresponding number of plants. Find the mode of the data.

Height (in cm)	14	27	23	21	19	17
Number of Plants	1	3	6	12	7	5

- Ans** ☒ A. 21 cm
☐ B. 27 cm
☐ C. 24 cm
☐ D. 23 cm

Q.93 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.)

(34, 1088, 16)
(21, 420, 10)

- Ans** ☒ A. (28, 224, 4)
☐ B. (8, 279, 17)
☐ C. (4, 79, 9)
☐ D. (23, 513, 11)

Q.94 X, Y, Z, 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, number 2 and so on till the topmost floor is numbered 6. Only two people live between T and Y. Only S lives above U. Z lives on an even numbered floor. T lives on the lowermost floor. How many people live between X and T?

- Ans** ☒ A. One
☐ B. Three
☐ C. Two
☐ D. Four

Q.95 A, B, C, D, E, F and G sit around a circular table, facing the centre. Only two people sit between G and F when counted from the right of G. Only three people sit between D and E when counted from the right of E. F sits to the immediate right of E. A sits to the immediate right of B. How many people sit between B and G when counted from the left of G?

- Ans** ☐ A. 4
☒ B. 2
☐ C. 1
☐ D. 3

Q.96 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 lakes are oceans. All planets are oceans. All lakes are roads. Conclusion (I): Some oceans are roads. Conclusion (II): Some planets are lakes.

- 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.97 The number of significant figures present in 0.00200 is _____.

- Ans**
- ☐ A. 5
 - ☐ B. 4
 - ☒ C. 3
 - ☐ D. 6

Q.98 Ansh walks to his school at a certain speed from his home in the morning and returns in the afternoon at a speed, which is 2 km/h slower than his speed in the morning. If the average speed of Ansh of going to and coming back from the school is 4.8 km/h, find the sum of the speeds (in km/h) of Ansh in the morning and afternoon.

- Ans**
- ☐ A. 9
 - ☒ B. 10
 - ☐ C. 8
 - ☐ D. 11

Q.99 Which of the following rulers of the Gurjara-Pratihara dynasty is credited with resisting Arab invasions effectively?

- Ans**
- ☐ A. Ramabhadra
 - ☒ B. Nagabhata I
 - ☐ C. Mihira Bhoja
 - ☐ D. Yasovarman I

Q.100 What is the purpose of Pressing ALT + F4 in Windows operating system?

- Ans**
- ☐ A. Delete selected text
 - ☐ B. Switch tabs
 - ☒ C. Close the current window or application
 - ☐ D. Open the Find dialog



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	24/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Which of the following Acts was enacted by the British Parliament to regulate the administration of the British East India Company's territories in India, particularly in Bengal?

- Ans**
- ☒ A. Charter Act, 1813
 - ☒ B. Government of India Act, 1858
 - ☒ C. Regulating Act, 1773
 - ☒ D. Pitt's India Act, 1784

Q.2 Solve the system of equations below for X, Y and Z:

$$X + 2Y + 4Z = 12$$

$$2X + 2Y + 3Z = 10$$

$$3X + 2Y + Z = 8$$

- Ans**
- ☒ A. $X = -2, Y = 7, Z = 0$
 - ☒ B. $X = 0, Y = 2, Z = 2$
 - ☒ C. $X = -2, Y = -1, Z = 4$
 - ☒ D. $X = -2, Y = 1, Z = 3$

Q.3 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) B R © # # # W & S @ Z @ @ A & L @ @ I © O © (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. 1
 - ☒ C. 0
 - ☒ D. 3

Q.4 Evaluate: $(-9) - (-60) \div (-6) + (-2) \times 9$

- Ans**
- ☒ A. -39
 - ☒ B. -40
 - ☒ C. -36
 - ☒ D. -37

Q.5 If $3x + 2y = 10$ and $2xy = 3$, then find the positive value of $3x - 2y$.

- Ans ☒ A. 8
☐ B. 12
☐ C. 10
☐ D. 6

Q.6 100 men have provisions for 27 days. If 46 men have left, for how many days the same provisions would last for the remaining men?

- Ans ☒ A. 50
☐ B. 54
☐ C. 52
☐ D. 48

Q.7 Who was the chief guest at the inauguration of the 58th Inter-IIT Sports Meet at IIT Hyderabad?

- Ans ☐ A. Pullela Gopichand
☐ B. Prof B S Murty
☐ C. BVR Mohan Reddy
☒ D. Saina Nehwal

Q.8 According to the World Health Organization (WHO) in 2025, which pollutant was identified as the primary cause of increased respiratory illnesses due to air pollution?

- Ans ☐ A. Carbon monoxide (CO)
☐ B. Sulphur dioxide (SO₂)
☒ C. Particulate matter (PM_{2.5})
☐ D. Ozone (O₃)

Q.9 If A's salary is 13% more than that of B, then by what per cent is B's salary less than that of A? (Give your answer correct to two decimal places.)

- Ans ☐ A. 14.72%
☐ B. 14.22%
☒ C. 11.50%
☐ D. 10.50%

Q.10 The Trans-Siberian Railways major rail route of Russia runs from St. Petersburg in the west to _____ on the Pacific Coast in the east.

- Ans ☒ A. Vladivostok
☐ B. Novosibirsk
☐ C. Irkutsk
☐ D. Moscow

Q.11 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 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)
17, 67
22, 87

- Ans ☐ A. 24, 98
☒ B. 25, 99
☐ C. 24, 99
☐ D. 25, 98

Q.12 Stand Up India Scheme was launched in which of the following years?

- Ans
- ☐ A. 2014
 - ☐ B. 2019
 - ☐ C. 2015
 - ☒ D. 2016

Q.13 Which of the following is the primary objective to promote the "Ultra Mega Power Projects" (UMPP) initiative in India?

- Ans
- ☐ A. Small-scale solar plants
 - ☐ B. Wind farms in rural areas
 - ☐ C. Rooftop solar systems in rural areas
 - ☒ D. High-capacity coal-based power plants

Q.14 ₹6320 is divided among A, B, C, and D in such a way that the shares of A and B, B and C, and C and D are in the ratios of 2 : 3, 4 : 5, and 10 : 3 respectively. The share of A (in ₹) is:

- Ans
- ☒ A. 1280
 - ☐ B. 1400
 - ☐ C. 1190
 - ☐ D. 1350

Q.15 Which of the following Articles of the Constitution of India authorises Parliament to alter the applicability of Fundamental Rights with respect to members of the Armed Forces and the forces entrusted with the maintenance of public order?

- Ans
- ☐ A. Article 35
 - ☐ B. Article 42
 - ☐ C. Article 45
 - ☒ D. Article 33

Q.16 A man sold an article for ₹234 by first giving a d% discount on its marked price, and then another discount having the same nominal value (in ₹) as that of the first discount. If the marked price of the article is ₹1,800, then what is the value of d?

- Ans
- ☒ A. 43.5
 - ☐ B. 47
 - ☐ C. 38.1
 - ☐ D. 41.9

Q.17 Sneha starts from Point Q, walks 5 km East, turns left and walks 7 km, turns right and walks 3 km, turns right and walks 7 km, then turns left and walks 2 km. How far and in which direction is she from Point Q? (All turns are 90-degree turns only unless specified.)

- Ans
- ☐ A. 5 km towards South
 - ☒ B. 10 km towards East
 - ☐ C. 2 km towards West
 - ☐ D. 7 km towards North

Q.18 The HCF of two numbers is 104 and their LCM is 1040. If one of the numbers is 208, what is the sum of the two numbers?

- Ans
- ☐ A. 732
 - ☒ B. 728
 - ☐ C. 736
 - ☐ D. 724

Q.19 Seven boxes, K, L, O, P, S, T and W are kept one over the other but not necessarily in the same order. Only three boxes are kept below T. Only one box is kept between O and T. Only two boxes are kept between T and W. Only W is kept above O. S is kept immediately below O. L is kept at one of the places above K and at one of the places below P. How many boxes are kept between T and L?

- Ans
- ☐ A. Three
 - ☐ B. Two
 - ☐ C. Four
 - ☒ D. One

Q.20 WXPL is related to VZMP in a certain way based on the English alphabetical order. In the same way, ZUQH is related to YWNL. To which of the following is TRKF related, following the same logic?

- Ans
- ☐ A. RTFL
 - ☒ B. STHJ
 - ☐ C. UPNB
 - ☐ D. SUGK

Q.21 HEGK is related to DBEJ in a certain way based on the English alphabetical order. In the same way, ILNP is related to EILO. To which of the following is FMRT related, following the same logic?

- Ans
- ☐ A. AIOS
 - ☐ B. DLRS
 - ☐ C. CKQS
 - ☒ D. BJPS

Q.22 Which among the following statements is INCORRECT related to the Right to Information Act, 2005?

- Ans
- ☒ A. The Central Information Commission is a constitutional body.
 - ☐ B. It covers all constitutional authorities, including the President and the Supreme Court.
 - ☐ C. All the non-governmental organizations (NGOs) that are financed by the government come under the purview of RTI Act.
 - ☐ D. The Act mandates that the information be provided within 30 days of the request in normal cases.

Q.23 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?

$$25 \text{ A } 5 \text{ B } 7 \text{ C } 9 \text{ D } 2 = ?$$

- Ans
- ☐ A. 41
 - ☐ B. 40
 - ☐ C. 43
 - ☒ D. 42

Q.24 What should come in place of '?' in the given series?

$$81 \ 80 \ 76 \ 67 \ 51 \ ?$$

- Ans
- ☐ A. 25
 - ☒ B. 26
 - ☐ C. 24
 - ☐ D. 27

Q.25 6 is related to 80 following a certain logic. Following the same logic, 12 is related to 140. To which of the following is 24 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. 280
 - ☐ B. 270
 - ☒ C. 260
 - ☐ D. 290

Q.26 ABCD is a rhombus such that $\angle ACB = 50^\circ$. The value of $\angle ADB$ is:

- Ans
- ☐ A. 60°
 - ☐ B. 50°
 - ☐ C. 70°
 - ☒ D. 40°

Q.27 Which Article of the Indian Constitution mandates the provision of humane working conditions and maternity relief?

- Ans
- ☐ A. Article 48
 - ☐ B. Article 41
 - ☒ C. Article 42
 - ☐ D. Article 44

Q.28 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans
- ☐ A. JMP
 - ☒ B. ILN
 - ☐ C. QTW
 - ☐ D. HKN

Q.29 In a certain code language,
V @ I means 'V is the husband of I',
V + I means 'V is the daughter of I',
V x I means 'V is the father of I', and
V - I means 'V is the mother of I'.
Based on the above, how is K related to R, if 'R + J @ K + C'?

- Ans
- ☐ A. Brother
 - ☐ B. Sister
 - ☒ C. Mother
 - ☐ D. Son

Q.30 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 pigs are jackals. All pigs are cats. All elephants are cats.

Conclusions:

(I) All elephants are jackals.

(II) Some cats are jackals.

- 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.31 A shopkeeper purchased 33 dozens of articles at the rate of ₹620 per dozen. He sold each one of them at the rate of ₹93. What percentage profit did he make?

- Ans**
- ☐ A. 79%
 - ☒ B. 80%
 - ☐ C. 83%
 - ☐ D. 82%

Q.32 At what rate (in percentage) per year will a sum of money 5 times itself in 20 years on simple interest?

- Ans**
- ☐ A. 18
 - ☐ B. 22
 - ☐ C. 40
 - ☒ D. 20

Q.33 Evaluate: $(-9) - (-56) \div (-8) + (-4) \times 6$

- Ans**
- ☒ A. -40
 - ☐ B. -42
 - ☐ C. -43
 - ☐ D. -39

Q.34 Refer to the following letter and symbol series and answer the question. Counting to be done from left to right only.

(Left) O ? Q ! R + S - T \$ U * V / A P < W = X : (Right)

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

- Ans**
- ☐ A. FOUR
 - ☒ B. ONE
 - ☐ C. TWO
 - ☐ D. THREE

Q.35 Rupesh's salary is ₹18000 per month. He spends ₹5000 on house rent, ₹2500 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly saving for birthday celebration.

- Ans**
- ☒ A. 115500
 - ☐ B. 94500
 - ☐ C. 105000
 - ☐ D. 126000

Q.36 If $4 : 12 :: 2.1 : x$ and $9 : 36 :: 8 : y$, what is the ratio of x to y ?

- Ans ☒ A. 63 : 320
☐ B. 61 : 321
☐ C. 67 : 330
☐ D. 64 : 318

Q.37 Which group at IIT Bombay developed the Quantum Diamond Microscope in November 2025?

- Ans ☐ A. NanoTech Group
☒ B. P-Quest Group
☐ C. Quantum Leap Group
☐ D. Vikas Research Group

Q.38 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
TVA 7, QSX 10, NPU 13, KMR 16, ?

- Ans ☒ A. HJO 19
☐ B. HKQ 19
☐ C. IKP 21
☐ D. HIM 20

Q.39 If α, β are roots of the quadratic equation $2x^2 - 3x + 5 = 0$, find the value of $\alpha^2 + \beta^2$.

- Ans ☐ A. $\frac{17}{4}$
☐ B. $-\frac{13}{4}$
☒ C. $-\frac{11}{4}$
☐ D. $\frac{7}{4}$

Q.40 What is the primary purpose of the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY)?

- Ans ☐ A. To provide free food to rural households
☐ B. To supply subsidised agricultural inputs to farmers
☒ C. To skill rural youth and promote wage employment opportunities
☐ D. To offer old-age pensions in villages

Q.41 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.)

$8 - 16 - 26 - 13 ; 5 - 10 - 20 - 10$

- Ans ☒ A. $12 - 24 - 34 - 17$
☐ B. $34 - 68 - 78 - 156$
☐ C. $36 - 72 - 144 - 72$
☐ D. $24 - 48 - 68 - 34$

Q.42 The Land Boundary Agreement with Bangladesh was constitutionalized through which Constitutional Amendment?

- Ans**
- ☐ A. One Hundred and First Amendment
 - ☐ B. Ninety-Eighth Amendment
 - ☐ C. Ninety-Seventh Amendment
 - ☒ D. One Hundredth Amendment

Q.43 Calculate the median (rounded to two decimal places) from the following data:

Marks	0 -10	10 – 30	30 - 60	60 – 80	80 - 90
Number of students	9	19	34	12	6

Total frequency N = 80

- Ans**
- ☒ A. 40.59
 - ☐ B. 37.06
 - ☐ C. 33.14
 - ☐ D. 36.27

Q.44 In a certain code language, 'MEAT' is coded as '5267' and 'TIME' is coded as '5362'. What is the code for 'I' in the given code language?

- Ans**
- ☐ A. 6
 - ☐ B. 5
 - ☐ C. 2
 - ☒ D. 3

Q.45 Which feature primarily differentiates spreadsheet software from word processing software?

- Ans**
- ☐ A. Ability to format text
 - ☒ B. Calculation using formulas
 - ☐ C. Ability to change font and size
 - ☐ D. Creating slides

Q.46 A man can row 8 km/hr in still water while speed of current is 3 km/hr. How much time (in hours) will he take to row 11 km downstream and 15 km upstream?

- Ans**
- ☒ A. 4
 - ☐ B. 6
 - ☐ C. 3
 - ☐ D. 5

Q.47 The breadth of a rectangular field is $\frac{2}{3}$ of its length. Its area is 600 m². Find the cost of fencing it all around at the cost of ₹200/m.

- Ans**
- ☐ A. ₹30,000
 - ☒ B. ₹20,000
 - ☐ C. ₹32,000
 - ☐ D. ₹26,000

Q.48 Which of the following components of Windows provides quick access to frequently used applications and system settings?

- Ans**
- ☒ A. Taskbar
 - ☐ B. Disk Cleanup
 - ☐ C. Recycle Bin
 - ☐ D. Desktop Wallpaper

Q.49 What should come in place of '?' in the given series?

21 22 26 35 51 ?

- Ans
- ☐ A. 78
 - ☐ B. 74
 - ☒ C. 76
 - ☐ D. 79

Q.50 The process of fixing inorganic CO₂ into an organic form (sugar) is carried out in which of the following phases during photosynthesis?

- Ans
- ☒ A. Calvin-Benson cycle
 - ☐ B. Light-dependent phase
 - ☐ C. Glycolysis
 - ☐ D. Kreb's cycle

Q.51 Which of the following parts of the Indian Constitution deals with the Official Languages of the Indian Union?

- Ans
- ☐ A. Part XX
 - ☐ B. Part XV
 - ☒ C. Part XVII
 - ☐ D. Part XVI

Q.52 Under the Pradhan Mantri Fasal Bima Yojana (PMFBY), what is the premium rate paid by farmers for annual commercial and horticultural crops?

- Ans
- ☒ A. 5% of the sum insured
 - ☐ B. 2% of the sum insured
 - ☐ C. 7% of the sum insured
 - ☐ D. 3% of the sum insured

Q.53 Find the area of the rectangle with length 10 cm and width $\sqrt{5}$ cm. (Round off the answer to 2 decimal places.)

- Ans
- ☐ A. 17.58 sq. cm.
 - ☐ B. 18.52 sq. cm.
 - ☐ C. 15.98 sq. cm.
 - ☒ D. 22.36 sq. cm.

Q.54 What is the primary purpose of the Sustainable Development Goals – National Indicator Framework Progress Report, 2025?

- Ans
- ☒ A. To monitor national-level progress of the 17 SDGs
 - ☐ B. To conduct environmental fieldwork
 - ☐ C. To allocate national funds for SDG projects
 - ☐ D. To compare Indian SDGs with other countries

Q.55 A car runs for 10 hours and its speed during the i^{th} hour is i^3 km per hour, where $i=1,2,3,\dots,10$. The average speed of the car for the journey is _____ km per hour.

- Ans
- ☐ A. 350.2
 - ☐ B. 305.2
 - ☒ C. 302.5
 - ☐ D. 320.5

Q.56 The Satluj, Beas, Ravi, Chenab and Jhelum merge into which river system near Mithankot?

- Ans**
- ☐ A. Brahmaputra
 - ☒ B. Indus
 - ☐ C. Godavari
 - ☐ D. Ganga

Q.57 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
LEV 16, IBS 20, FYP 24, CVM 28, ?

- Ans**
- ☐ A. ZTL 32
 - ☒ B. ZSJ 32
 - ☐ C. ZRH 35
 - ☐ D. ATK 33

Q.58 What was the theme of the 16th session of the United Nations Conference on Trade and Development (UNCTAD16) held in Geneva in October 2025?

- Ans**
- ☐ A. Advancing technology and innovation for sustainable economies
 - ☐ B. Climate Action for a Sustainable Future
 - ☐ C. Promoting global trade and financial stability
 - ☒ D. Shaping the future: Driving economic transformation for equitable, inclusive and sustainable development

Q.59 Whom among the following deities is the traditional dance of Karnataka Dollu Kunita associated with?

- Ans**
- ☐ A. Lord Vishnu
 - ☐ B. Lord Brahma
 - ☐ C. Lord Ganesha
 - ☒ D. Lord Shiva

Q.60 Seven people, B, C, O, P, Q, R and S, are sitting in a straight line, facing north. Only four people sit to the right of S. B sits immediately to the left of P. Only three people sit between P and C, none of whom sit on the extreme ends. R sits immediately to the right of Q. How many people sit between O and R?

- Ans**
- ☐ A. Zero
 - ☐ B. Two
 - ☒ C. One
 - ☐ D. Three

Q.61 In 2025, which country secured the third rank in the Asia Power Index, after the United States and China?

- Ans**
- ☐ A. Australia
 - ☐ B. South Korea
 - ☐ C. Japan
 - ☒ D. India

Q.62 Seven people B, C, O, P, Q, R and S are sitting around a circular table facing the center of the table. S sits to the immediate right of Q. C sits to the immediate right of R. C sits second to the left of B. O sits third to the left of S. Who sits fourth to the right of P?

- Ans**
- ☐ A. R
 - ☐ B. O
 - ☒ C. B
 - ☐ D. Q

Q.63 Which type of receptors in the human body are responsible for detecting taste?

- Ans**
- ☒ A. Gustatory receptors
 - ☐ B. Thermo receptors
 - ☐ C. Olfactory receptors
 - ☐ D. Auditory receptors

Q.64 Which leader famously declared 'Swaraj is my birth right and I shall have it' during the Extremist Phase of the Indian National Movement?

- Ans**
- ☐ A. Lala Lajpat Rai
 - ☐ B. Bipin Chandra Pal
 - ☐ C. Aurobindo Ghose
 - ☒ D. Bal Gangadhar Tilak

Q.65 The average marks of 17 students in a class is 40. If the marks of each student are doubled, find the new average.

- Ans**
- ☒ A. 80
 - ☐ B. 17
 - ☐ C. 40
 - ☐ D. 34

Q.66 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 95 pages?

- Ans**
- ☐ A. 1905
 - ☐ B. 1890
 - ☐ C. 1910
 - ☒ D. 1900

Q.67 If the ratio of the ages of A and B is 3 : 5, the ratio of the ages of B and C is 2 : 3, and the ratio of the ages of C and D is 3 : 4, what is the ratio of the ages of A and D?

- Ans**
- ☐ A. 5 : 11
 - ☐ B. 3 : 13
 - ☐ C. 7 : 10
 - ☒ D. 3 : 10

Q.68 The statement "Most of the major Peninsular rivers flow from west to east" is an EXCEPTION for:

- Ans**
- ☐ A. Godavari and Krishna
 - ☐ B. Kaveri and Krishna
 - ☐ C. Mahanadi and Kaveri
 - ☒ D. Narmada and Tapi

Q.69 Polaroid glass is used in photographic cameras because:

- Ans**
- ☐ A. it improves the resolution of camera
 - ☐ B. it improves image processing
 - ☐ C. it helps in auto focus of the lens
 - ☒ D. it reduces the light intensity to half on account of polarisation

Q.70 Which action connected with the new rifle system offended the religious beliefs of Indian sepoys and became a major cause of discontent in 1857?

- Ans**
- ☒ A. Forcing sepoys to bite cartridges greased with animal fat
 - ☐ B. Imposing a ban on temple entry
 - ☐ C. Prohibiting religious processions in army cantonments
 - ☐ D. Mandating Sunday church attendance for all soldiers

Q.71 Which Schedule of the Indian Constitution deals with the allocation of seats in the Rajya Sabha to States and Union Territories?

- Ans
- ☐ A. Sixth Schedule
 - ☐ B. Second Schedule
 - ☐ C. First Schedule
 - ☒ D. Fourth Schedule

Q.72 Find the mode of the following distribution.

Class interval	10-15	15-20	20-25	25-30	30-35	35-40
Frequency	30	48	72	36	24	18

- Ans
- ☐ A. 24.25
 - ☒ B. 22
 - ☐ C. 22.5
 - ☐ D. 25

Q.73 If $2\operatorname{cosec}A = 3\sec A$, then find the value of $\frac{(1 - \cos A)(1 + \cos A)}{(1 - \sin A)(1 + \sin A)}$.

- Ans
- ☐ A. $\frac{4}{\sqrt{13}}$
 - ☒ B. $\frac{4}{9}$
 - ☐ C. $\frac{\sqrt{13}}{9}$
 - ☐ D. $\frac{2}{3}$

Q.74 Priyanshi wants to solve the expression:

$$3.6 + \frac{5}{4} \times 2.4 - \frac{1}{2}$$

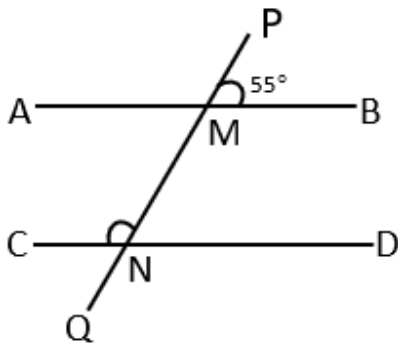
What is the value of the expression?

- Ans
- ☒ A. 6.1
 - ☐ B. 6.5
 - ☐ C. 7.5
 - ☐ D. 7.1

Q.75 There are 45 members in group A, 31 members in group B and 48 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹295, ₹311 and ₹233, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☐ A. 276
 - ☐ B. 273
 - ☒ C. 275
 - ☐ D. 272

Q.76 Two parallel lines $AB \parallel CD$ are cut by a transversal line PQ , as shown in the figure. If the angle $\angle PMB = 55^\circ$ then find the angle $\angle CNM$.



- Ans
- ☒ A. 75°
 - ☒ B. 125°
 - ☒ C. 60°
 - ☒ D. 55°

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.

Q. Five people – Riya, Meena, Tanu, Sunita, and Kavita – are sitting in a row facing north.

Who is sitting exactly in the middle of the row?

(I) Tanu sits immediately to the right of Meena, and Sunita sits immediately to the right of Tanu.

(II) Riya is at one of the ends, and Kavita sits immediately to the left of Riya.

- 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. 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.78 Which of the following dynasties is associated with the Thousand Pillars Temple at Warangal built in the 12th century?

- Ans
- ☒ A. Kakatiya dynasty
 - ☒ B. Rashtrakuta dynasty
 - ☒ C. Chalukya dynasty
 - ☒ D. Hoysala dynasty

Q.79 SGYU is related to UJAX in a certain way based on the English alphabetical order. In the same way, ASGG is related to CVIJ. To which of the following options is GBMP related, following the same logic?

- Ans
- ☒ A. SOMK
 - ☒ B. IEOS
 - ☒ C. SOMI
 - ☒ D. EIKO

Q.80 Ashish has ₹1404 with him. He divides this amount between his two sons, Arun and Mahesh, and asks them to invest their respective shares at a compound interest rate of 8% per annum, compounded annually. It is observed that Arun's investment amounts to the same value after 17 years as Mahesh's investment does after 18 years. How much (in ₹) did Ashish give to Mahesh?

- Ans
- ☒ A. 675
 - ☒ B. 525
 - ☒ C. 729
 - ☒ D. 829

Q.81 Match the Administrative Terms with Their Descriptions
Terms /Rulers Descriptions

- A. Circle of Justice 1. Concept explaining the interdependence of rulers, soldiers, and peasants
B. Iqta 2. Land granted to governors for revenue collection and military maintenance
C. Razia Sultan 3. Daughter of Iltutmish; faced opposition due to gender
D. Minhaj-us-Siraj 4. Chronicler critical of female rulers

Ans ☒ A. A-4, B-2, C-1, D-3
☒ B. A-3, B-4, C-1, D-2
☒ C. A-2, B-1, C-4, D-3
☒ D. A-1, B-2, C-3, D-4

Q.82 As per the 2025 Global Gender Gap Index, what rank did India secure among 148 countries?

Ans ☒ A. 138
☒ B. 136
☒ C. 132
☒ D. 131

Q.83 Which of the following languages is NOT included in the Eighth Schedule of the Indian Constitution?

Ans ☒ A. Sanskrit
☒ B. Urdu
☒ C. Nepali
☒ D. English

Q.84 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:

All carrots are peas. All peas are onions. No pea is a tomato.

Conclusions:

(I) No onion is a tomato.

(II) No carrot is a tomato.

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.

Q.85 In the field of e-commerce and financial trading, which application of computers is essential for analyzing massive volumes of rapidly changing market data and detecting complex patterns to inform investment decisions?

Ans ☒ A. Inventory Management Systems
☒ B. Data Encryption and Security Software
☒ C. Real-time Predictive Analytics
☒ D. Word Processing and Desktop Publishing

Q.86 A, B, C, 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 below C. Only two people live between B and C. A lives above E but below C. F does not live above D.
Who lives immediately below B?

Ans ☒ A. D
☒ B. F
☒ C. C
☒ D. A

Q.87 Which of the following programs aims at self-employment for the rural poor?

Ans ☒ A. National Rural Health Mission
☒ B. Pradhan Mantri Awas Yojana
☒ C. Deendayal Antyodaya Yojana
☒ D. Mahatma Gandhi National Rural Employment Guarantee Act

Q.88 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'
A # B means 'A is the daughter of B'
Based on the above, how is G related to Q if 'G – C + D # L % Q'?

Ans ☒ A. Mother's brother
☒ B. Sister's daughter
☒ C. Sister's husband
☒ D. Wife's brother

Q.89 In a certain code language, 'NEAR' is coded as '3519' and 'GROW' is coded as '8645'.
What is the code for 'R' in that language?

Ans ☒ A. 5
☒ B. 9
☒ C. 8
☒ D. 6

Q.90 In which of the following states did the Chhau dance originate?

Ans ☒ A. Haryana
☒ B. Jharkhand
☒ C. Punjab
☒ D. Uttarakhand

Q.91 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4528173, how many digits will appear more than once in the new number thus formed?

Ans ☒ A. None
☒ B. One
☒ C. Two
☒ D. Three

Q.92 LAN is often used in schools and offices. This abbreviation expands to:

- Ans**
- ☐ A. Large Area Network
 - ☒ B. Local Area Network
 - ☐ C. Linked Access Node
 - ☐ D. Long Access Network

Q.93 Which institution formed by Pandit Birju Maharaj focuses on imparting training in the field of Kathak and related disciplines?

- Ans**
- ☐ A. Natya Vriksha
 - ☒ B. Kalashram
 - ☐ C. Satrang Kala
 - ☐ D. Kala Kendra

Q.94 Piyush bought an article for ₹331 and sold it to Payal at a loss of 5%. With this amount, Piyush bought another article and sold it at a gain of 60%. What is Piyush's overall gain percentage?

- Ans**
- ☐ A. 50%
 - ☒ B. 52%
 - ☐ C. 47%
 - ☐ D. 48%

Q.95 The primary "food" or energy source produced by the plant during photosynthesis is a type of:

- Ans**
- ☒ A. Carbohydrate
 - ☐ B. Mineral
 - ☐ C. Vitamin
 - ☐ D. Protein

Q.96 As per the World Economic Outlook January 2026, by the International Monetary Fund, global economic expansion in 2027, is expected to be which of the following rates?

- Ans**
- ☐ A. 3.5 percent
 - ☐ B. 2.9 percent
 - ☐ C. 4.0 percent
 - ☒ D. 3.2 percent

Q.97 Which of the following types of weathering is primarily responsible for the formation of karst landscapes?

- Ans**
- ☐ A. Mechanical weathering
 - ☐ B. Biological weathering
 - ☒ C. Chemical weathering
 - ☐ D. Thermal weathering

Q.98 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) Z Q Y 7 * 9 E D V Z R X 4 * N G T B 3 X A T 4 H (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. Two
 - ☐ B. None
 - ☐ C. Three
 - ☒ D. One

Q.99 C, D, N, O, P and Q 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. O lives immediately above D. Only Q lives above P. Only two people live between C and N. C lives on an odd-numbered floor. Who lives on the bottommost floor?

- Ans**
- ☒ A. P
 - ☒ B. D
 - ☒ C. C
 - ☒ D. N

Q.100 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. AD-BE
 - ☒ B. EH-FI
 - ☒ C. LO-PS
 - ☒ D. RU-SV

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	25/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1	Which of the following is NOT an impact of globalisation on Indian economy?
Ans	☒ A. Foreign direct investment (FDI) has been liberalised ☒ B. Foreign institutional investments are made more restrictive for stability of the economy ☒ C. Two stage devaluation of the rupee by about twenty percent in July, 1991 ☒ D. Introduction of a system of partial convertibility of the rupee
Q.2	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.) 50 – 10 – 5 – 15 ; 200 – 40 – 20 – 30
Ans	☒ A. 160 – 40 – 20 – 30 ☒ B. 120 – 60 – 30 – 40 ☒ C. 100 – 20 – 40 – 60 ☒ D. 400 – 80 – 40 – 50
Q.3	Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. I sits third to the right of G. Only two people sit between I and F. Only three people sit between G and V. H sits to the immediate left of W. Who sits fourth to the left of X?
Ans	☒ A. H ☒ B. I ☒ C. W ☒ D. F
Q.4	Who was the first Portuguese Governor to implement the "Blue Water Policy" in India?
Ans	☒ A. Alfonso de Albuquerque ☒ B. Vasco da Gama ☒ C. Francisco de Almeida ☒ D. Pedro Álvares Cabral

Q.5	During 1991–92 to 1998–99, which industrial sector showed a clear decline in the average annual growth according to the Index of Industrial Production (IIP)?
Ans	☒ A. Mining and Quarrying ☒ B. Electricity and Utilities ☒ C. Basic and Capital Goods ☒ D. Manufacturing and Engineering

Q.6	What is the mean of the following distribution?												
	<table><tr><td>Marks</td><td>11</td><td>34</td><td>51</td><td>62</td><td>98</td></tr><tr><td>No. of Students</td><td>57</td><td>23</td><td>95</td><td>14</td><td>96</td></tr></table>	Marks	11	34	51	62	98	No. of Students	57	23	95	14	96
Marks	11	34	51	62	98								
No. of Students	57	23	95	14	96								
Ans	A. 64												
	B. 79												
	C. 58												
	D. 44												

Q.7	In December 2025, which organization hosted the national stakeholder consultation on the High Seas Treaty (BBNJ) in Kochi, India?
Ans	☒ A. Central Marine Fisheries Research Institute ☒ B. Ministry of Environment, Forest and Climate Change ☒ C. Food and Agriculture Organization ☒ D. Indian Council of Agricultural Research

Q.8	According to the NIRF Rankings 2025 released in September 2025, which institute secured the top overall position?
Ans	☒ A. AIIMS Delhi ☒ B. IISc Bengaluru ☒ C. IIT Madras ☒ D. IIT Bombay

Q.9	If the standard deviation of 11, 13, 15, 17,....., 71 is m, then find the integral part of m.
Ans	☒ A. 16 ☒ B. 13 ☒ C. 17 ☒ D. 18

Q.10	A train of length 120 m travelling at 60 km/hr crosses another train travelling in the same direction at 24 km/hr in 30 seconds. What is the length (in m) of another train?
Ans	☒ A. 250 ☒ B. 200 ☒ C. 225 ☒ D. 180

Q.11	Arvind starts from Point A and drives 25 km towards east. He then takes a right turn, drives 10 km, turns left and drives 20 km. He then takes a left turn and drives 10 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. 20 km towards north ☒ B. 33 km towards west ☒ C. 25 km towards east ☒ D. 10 km towards south

Q.12	A, B, C, 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, number 2 and so on till the topmost floor is numbered 6. B lives on a floor which is a prime number. The product of the floors on which B and F live is 3. Only 2 people live above C. A lives immediately below E. How many people live above A?	
Ans	☒ A. Three	
	☒ B. Two	
	☒ C. One	
	☒ D. Four	
Q.13	Harishika bought an article for ₹200 and sold it to Ritu at a loss of 30%. With this amount, Harishika bought another article and sold it at a gain of 75%. What is Harishika's overall gain percentage?	
Ans	☒ A. 17.5%	
	☒ B. 19.4%	
	☒ C. 22.5%	
	☒ D. 24.5%	
Q.14	Which award did Pandit Hariprasad Chaurasia receive in 1992 for his contribution to Indian music?	
Ans	☒ A. Maharashtra Gaurav Puraskar	
	☒ B. Padma Bhushan	
	☒ C. Padma Shri	
	☒ D. Padma Vibhushan	
Q.15	Which of the following statements about ASCII is correct?	
Ans	☒ A. ASCII is a high-capacity optical disk format	
	☒ B. ASCII is a type of local area network	
	☒ C. ASCII represents characters using numeric codes	
	☒ D. ASCII is used to store audio on a CD	
Q.16	_____ is the SI unit used for measuring thermodynamic temperature.	
Ans	☒ A. Kelvin	
	☒ B. Celsius	
	☒ C. Fahrenheit	
	☒ D. Rankine	
Q.17	The population of a village was 2,90,000. It increased by 10% in the first year and increased by 30% in the second year. Its population after two years is _____.	
Ans	☒ A. 3,19,000	
	☒ B. 3,77,000	
	☒ C. 4,14,700	
	☒ D. 4,06,000	
Q.18	Bhimbetka Paleolithic site is located near which river valley of India?	
Ans	☒ A. Yamuna	
	☒ B. Narmada	
	☒ C. Ganga	
	☒ D. Satluj	

Q.19	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 herbs are plant. Some plants are medicines. No medicine is a chemical. Conclusions: (I) No herb is a chemical. (II) Some medicines are herbs.	
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.20	Article 243V of the Indian Constitution applies to disqualification for membership in which type of body?	
Ans	✗ A. Panchayats ✗ B. District Council ✗ C. State Legislature ✓ D. Municipality	
Q.21	Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only. (Left) A # G % C = + F * / D H : B - ? \$ E ! I J (Right) How many such symbols are there, each of which is immediately preceded by a symbol and also immediately followed by another letter?	
Ans	✗ A. FOUR ✓ B. THREE ✗ C. TWO ✗ D. ONE	
Q.22	In December 2025, which advanced brain stent was successfully trialed by AIIMS Delhi under the GRASSROOT trial?	
Ans	✗ A. Vikram-I ✓ B. Supernova stent ✗ C. OncoMark ✗ D. da Vinci	
Q.23	The average of 7 numbers is 47. If each number is decreased by 7, what will the new average be?	
Ans	✗ A. 33 ✓ B. 40 ✗ C. 7 ✗ D. 47	
Q.24	Which Buddhist text, compiled around the 1st century CE, narrates stories of the Buddha's past lives?	
Ans	✗ A. Vinaya Pitaka ✗ B. Sutta Pitaka ✓ C. Jataka Tales ✗ D. Dhammapada	

Q.25	In a certain code language, 'HOUR' is coded as '3867' and 'HURT' is coded as '5836'. What is the code for 'T' in the given code language?
Ans	☒ A. 6
	☒ B. 8
	☒ C. 3
	☒ D. 5
Q.26	Evaluate: $16 + 18 \div 6 - 3 \times 4$
Ans	☒ A. 6
	☒ B. 9
	☒ C. 10
	☒ D. 7
Q.27	Find the value of $\frac{2 \tan 30^\circ}{1 + \tan^2 30^\circ}$.
Ans	☒ A. $\cos 45^\circ$
	☒ B. $\cos 30^\circ$
	☒ C. $\cos 60^\circ$
	☒ D. $\cos 90^\circ$
Q.28	Find the value of m, satisfying equation: $\left(\frac{12}{9}\right)^{19} \times \left(\frac{9}{12}\right)^5 \times \left(\frac{12}{9}\right)^8 = \left(\frac{9}{12}\right)^{6m+11}$
Ans	☒ A. $-\frac{35}{6}$
	☒ B. $-\frac{33}{6}$
	☒ C. $-\frac{37}{6}$
	☒ D. $-\frac{34}{6}$
Q.29	In a certain code language, 'RUST' is coded as '3519' and 'TEAM' is coded as '8645'. What is the code for 'T' in that language?
Ans	☒ A. 8
	☒ B. 4
	☒ C. 5
	☒ D. 9
Q.30	There are 42 members in group A, 31 members in group B and 32 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹335, ₹103 and ₹271, respectively. The overall average amount (in ₹) spent per member is:
Ans	☒ A. 248
	☒ B. 247
	☒ C. 242
	☒ D. 249

Q.31	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 :: ? # : OYG :: TDL : %	
Ans	☒ A. # = GQY % = BLI	
	☒ B. # = GQY % = BLT	
	☒ C. # = GOY % = BLT	
	☒ D. # = GQY % = OLT	
Q.32	In 2025, which state government announced the creation of a new eco-sensitive zone around the Bannerghatta National Park?	
Ans	☒ A. Gujarat	
	☒ B. Karnataka	
	☒ C. Kerala	
	☒ D. Madhya Pradesh	
Q.33	The areas of similar triangles $\triangle ABC$ and $\triangle PQR$ are 432 cm^2 and 588 cm^2 , respectively. If the longest side PR of $\triangle PQR$ is 56 cm, then find the longest side AC of $\triangle ABC$.	
Ans	☒ A. 48 cm	
	☒ B. 24 cm	
	☒ C. 52 cm	
	☒ D. 35 cm	
Q.34	Find the sum of all the interior angles of a regular polygon of 6 sides.	
Ans	☒ A. 760°	
	☒ B. 720°	
	☒ C. 600°	
	☒ D. 680°	
Q.35	Each of X, Y, Z, A, B, C and D has an interview on a different day of the week starting on Monday and ending on Sunday of the same week. C has an interview on the last day of the week. Y has an interview on the first day of the week. Only three people have an interview between Y and D. Only one person has an interview between D and Z. X has an interview on one of the days after B but on one of the days before A. Who has an interview on Thursday?	
Ans	☒ A. A	
	☒ B. D	
	☒ C. X	
	☒ D. B	
Q.36	Each of the digits in the number 54672139 is arranged in ascending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the number thus formed?	
Ans	☒ A. 9	
	☒ B. 10	
	☒ C. 11	
	☒ D. 12	

Q.37	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? WTW 84 XUX 93 YVY 102 ZWZ 111 ?	
Ans	☒ A. AXA 120 ☐ B. AJT 119 ☐ C. AYZ 120 ☐ D. AWZ 119	
Q.38	A shopkeeper fixes the marked price of an item at 150% above its cost price. What percentage of discount on the marked price should be allowed to gain 20%?	
Ans	☐ A. 54% ☒ B. 52% ☐ C. 49% ☐ D. 55%	
Q.39	Which Mughal court historian authored the Akbarnāma, the official chronicle of Emperor Akbar's reign?	
Ans	☐ A. Ferishta ☐ B. Ziauddin Barani ☒ C. Abul Fazl ☐ D. Minhaj-i-Siraj	
Q.40	Which classification best describes a compiler based on its role in program translation?	
Ans	☐ A. Application software because it edits documents ☐ B. Application software because users launch it manually ☐ C. It is a hardware abstraction layer ☒ D. System software because it converts code for OS execution	
Q.41	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. MN-PQ ☒ B. DE-FG ☐ C. ST-VW ☐ D. GH-JK	
Q.42	Select the set in which the numbers are related in the same way as are the numbers of 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, 6, 111) (9, 14, 141)	
Ans	☐ A. (17, 8, 146) ☒ B. (13, 10, 145) ☐ C. (15, 12, 200) ☐ D. (12, 8, 96)	

Q.43	A cylindrical rod has an outer curved surface area of 1300 cm^2 . If the length of the rod is 60 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is: $\text{Take } \pi = \frac{22}{7}$	
Ans	☒ A. 3.45	
	☒ B. 1.88	
	☒ C. 1.02	
	☒ D. 3.48	
Q.44	Simplify $25 - 5.6 \div 7 + 1.6 \times 0.5$	
Ans	☒ A. 5.6	
	☒ B. 23.4	
	☒ C. 0	
	☒ D. 25	
Q.45	The 47th ASEAN Summit in October 2025 primarily focused on which of the following issues?	
Ans	☒ A. Food safety	
	☒ B. Inclusivity & Sustainability	
	☒ C. Digital transformation	
	☒ D. Trade tariffs	
Q.46	In a certain code language, A + B means 'A is the daughter of B' A – B means 'A is the brother of B' A x 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 J if 'D + F ÷ G x H – J'?	
Ans	☒ A. Brother's wife's mother	
	☒ B. Wife's sister	
	☒ C. Wife's mother	
	☒ D. Brother's wife's sister	
Q.47	Which of the following reports of the Brundtland Commission (1987) defined the concept of sustainable development?	
Ans	☒ A. Silent Spring	
	☒ B. Our Common Future	
	☒ C. Agenda 21	
	☒ D. Limits to Growth	
Q.48	Many plants secrete a sticky milky fluid and use it for their defence mechanism. This fluid is known as _____.	
Ans	☒ A. cell sap	
	☒ B. enzyme	
	☒ C. latex	
	☒ D. plant hormone	

Q.49	Which of the following cities did Vasco da Gama first reach in India after discovering the all-sea route from Europe?	
Ans	☒ A. Calicut	
	☐ B. Goa	
	☐ C. Diu	
	☐ D. Surat	
Q.50	What is the primary objective of the UN80 Initiative launched by the UN Secretary-General in 2025?	
Ans	☐ A. To create a new global currency	
	☐ B. To promote global tourism	
	☒ C. To improve efficiency and cost-effectiveness within the UN	
	☐ D. To expand military presence in conflict zones	
Q.51	What is the primary reason for the intensification of the monsoon trough over North India by the end of May?	
Ans	☐ A. Shift in wind patterns	
	☐ B. Increase in atmospheric pressure	
	☒ C. High temperature in the region	
	☐ D. Decrease in humidity	
Q.52	What did the term 'gopati' refer to in Early Vedic society?	
Ans	☐ A. Priest who conducts rituals	
	☐ B. Head of the family	
	☐ C. Warrior who leads battles	
	☒ D. Chief who protects cows	
Q.53	A shopkeeper purchased 60 dozens of articles at the rate of ₹474 per dozen. He sold each one of them at the rate of ₹79. What percentage profit did he make?	
Ans	☐ A. 99%	
	☒ B. 100%	
	☐ C. 102%	
	☐ D. 101%	
Q.54	A book published in 2025, authored by Narendra Modi and titled 'The Emergency Diaries – Years That Forged a Leader', is thematically associated with which of the following periods in Indian political history?	
Ans	☐ A. 1969–1971	
	☒ B. 1975–1977	
	☐ C. 1962–1965	
	☐ D. 1989–1991	
Q.55	Kiran's salary is ₹18000 per month. He spends ₹5000 on house rent, ₹3000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly saving for birthday celebration.	
Ans	☐ A. 100000	
	☒ B. 110000	
	☐ C. 90000	
	☐ D. 120000	

Q.56	KD 15 is related to PI 12 in a certain way. In the same way, NG 20 is related to SL 17. To which of the following is QJ 26 related, following the same logic?	
Ans	☒ A. VM 23	
	☒ B. VN 24	
	☒ C. UO 24	
	☒ D. VO 23	
Q.57	According to L. M. Singhvi, what are the Directive Principles of State Policy considered as?	
Ans	☒ A. Moral Rights	
	☒ B. Fundamental Rights	
	☒ C. Life-giving provisions of the Constitution	
	☒ D. Legal Rights	
Q.58	Which Article of the Indian Constitution empowers the Supreme Court to review any judgment pronounced or order made by it?	
Ans	☒ A. Article 137	
	☒ B. Article 145	
	☒ C. Article 136	
	☒ D. Article 141	
Q.59	The phenomenon called _____ occurs when light passes from one transparent medium to another.	
Ans	☒ A. refraction	
	☒ B. scattering	
	☒ C. diffraction	
	☒ D. reflection	
Q.60	The 97th Constitutional Amendment provided constitutional status to which of the following?	
Ans	☒ A. Market Regulatory Boards	
	☒ B. District Planning Committees	
	☒ C. Metropolitan Councils	
	☒ D. Cooperative Societies	
Q.61	COLD is related to GQHB in a certain way based on the English alphabetical order. In the same way, KSDZ is related to OUZX. To which of the following is SWVV related, following the same logic?	
Ans	☒ A. XZSU	
	☒ B. UYSS	
	☒ C. VXQS	
	☒ D. WYRT	
Q.62	The least common multiple of two numbers is 21 times the first number, and the highest common factor of the two numbers is a two-digit prime number. What is the least possible value of the second number?	
Ans	☒ A. 357	
	☒ B. 273	
	☒ C. 231	
	☒ D. 147	

Q.63	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 cats are dogs. Some cats are tigers. No tiger is a lion. Conclusions: (I) Some dogs are tigers. (II) No cat is a lion.	
Ans	☒ A. Both conclusions (I) and (II) follow ☒ B. Only conclusion (II) follows ☒ C. Only conclusion (I) follows ☒ D. Neither conclusion (I) nor (II) follows	
Q.64	What should come in place of '?' in the given series? 15 19 27 39 55 ?	
Ans	☒ A. 75 ☒ B. 76 ☒ C. 72 ☒ D. 74	
Q.65	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 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.) (79, 235, 32) (87, 225, 42)	
Ans	☒ A. (77, 235, 32) ☒ B. (88, 280, 34) ☒ C. (83, 290, 45) ☒ D. (93, 185, 56)	
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 x 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' Based on the above, how is L related to E if 'L # N – C # V x E'?	
Ans	☒ A. Son's daughter ☒ B. Daughter's son ☒ C. Brother's daughter ☒ D. Father's mother	
Q.67	S, T, U, V, E, F and G are sitting around a circular table facing the centre. Only two people sit between E and F when counted from the right of E. Only two people sit between F and T. Only three people sit between E and U. S sits to the immediate left of V. Who sits third to the left of G?	
Ans	☒ A. F ☒ B. S ☒ C. V ☒ D. U	

Q.68	What should come in place of '?' in the given series? 33 40 54 75 103 ?	
Ans	☒ A. 134	
	☒ B. 136	
	☒ C. 135	
	☒ D. 138	
Q.69	The product of two consecutive natural numbers is 380. The greater of the two numbers is:	
Ans	☒ A. 20	
	☒ B. 24	
	☒ C. 12	
	☒ D. 14	
Q.70	If $a = \frac{3 + \sqrt{5}}{3 - \sqrt{5}}$ and $b = \frac{3 - \sqrt{5}}{3 + \sqrt{5}}$, find the value of $a^2 + b^2 + 3ab$.	
Ans	☒ A. 42	
	☒ B. 50	
	☒ C. 98	
	☒ D. 78	
Q.71	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? 10 C 20 A 2 D 3 B 5 = ?	
Ans	☒ A. 4	
	☒ B. 3	
	☒ C. 5	
	☒ D. 6	
Q.72	Which two forms of energy together make up the total mechanical energy of an object?	
Ans	☒ A. Potential and kinetic energy	
	☒ B. Electrical and chemical energy	
	☒ C. Heat and sound energy	
	☒ D. Light and heat energy	
Q.73	Which of the following operations specifically relies on system software instead of application software to function properly?	
Ans	☒ A. Designing a presentation file	
	☒ B. Allocating memory to programs	
	☒ C. Modifying a digital photo file	
	☒ D. Playing an audio or video file on System	
Q.74	Arun has ₹1407 with him. He divides this amount between his two sons, Mahesh and Vijay, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Mahesh's investment amounts to the same value after 12 years as Vijay's investment does after 13 years. How much (in ₹) did Arun give to Vijay?	
Ans	☒ A. 737	
	☒ B. 837	
	☒ C. 670	
	☒ D. 520	

Q.75	If 2 is subtracted from each of the numerator and the denominator of a fraction $\frac{a}{b}$, it becomes $\frac{1}{4}$. If 17 is added to the numerator and 8 is added to the denominator of the original fraction, then the fraction becomes $\frac{7}{7}$. What is the value of $(4a - b)$?
Ans	☐ A. 3 ☐ B. 4 ☒ C. 6 ☐ D. 7
Q.76	Find the mean proportional between 7.2 and 20.
Ans	☐ A. 10 ☐ B. 11 ☐ C. 8 ☒ D. 12
Q.77	A car covers one-fifth of the distance from A to B at the speed of 8 km/h, one-tenth of the distance at 25 km/h and the remaining at the speed of 20 km/h. Find the average speed of the whole journey.
Ans	☐ A. 14.225 km/h ☐ B. 12.625 km/h ☒ C. 15.625 km/h ☐ D. 17.225 km/h
Q.78	In what duration (in years) will ₹8,400 fetch a simple interest of ₹840 at 5% per annum rate of interest?
Ans	☒ A. 2 ☐ B. 1 ☐ C. 3 ☐ D. 4
Q.79	In which of the following years was the School of Minerals, Metallurgical and Materials Engineering (SMMME) established at Bhubaneswar?
Ans	☐ A. 1984 ☒ B. 2012 ☐ C. 2002 ☐ D. 1995
Q.80	At approximately what depth inside the Earth is the boundary between the mantle and the core located?
Ans	☒ A. 2,900 km ☐ B. 3,900 km ☐ C. 4,900 km ☐ D. 1,900 km
Q.81	In the Windows Operating System, if a file named config.ini is located in the root directory of the main drive, what is the correct and complete absolute path to reference this file?
Ans	☐ A. C:\Users\config.ini ☐ B. config.ini ☐ C. \config.ini ☒ D. C:\config.ini

Q.82	During the 1990–91 balance of payments crisis, India's foreign exchange reserves were sufficient to finance imports for only:	
Ans	☒ A. two weeks ☐ B. one week ☐ C. three months ☐ D. one month	
Q.83	Water flows out through a circular pipe, whose internal diameter is 2 cm, at the rate of 4 metres per second into a cylindrical tank, the radius of whose base is 80 cm. By how much will the level of water rise in 24 minutes?	
Ans	☐ A. 100 cm ☒ B. 90 cm ☐ C. 96 cm ☐ D. 91 cm	
Q.84	In which year did Mahatma Gandhi break the Salt Act at Dandi?	
Ans	☐ A. 1928 ☐ B. 1931 ☒ C. 1930 ☐ D. 1929	
Q.85	What is the total number of languages listed under the 8th Schedule of the Constitution of India, as on 30 June 2024?	
Ans	☐ A. 20 ☒ B. 22 ☐ C. 26 ☐ D. 16	
Q.86	A and B complete a work in 22 days. If A alone can do it in 44 days, then B alone can do three-fourth of the same work in _____ days.	
Ans	☐ A. 66 ☐ B. 132 ☐ C. 99 ☒ D. 33	
Q.87	Which of the following is an example of a minor industrial region of India?	
Ans	☐ A. Gujarat region ☐ B. Hugli region ☐ C. Chota Nagpur region ☒ D. Brahmaputra valley	
Q.88	Consider the following statements. 1. Article 13 provides for judicial review of both pre-constitutional and post-constitutional laws. 2. Article 13 declares that all laws inconsistent with or in derogation of the Fundamental Rights shall be null and void. Which of the above statements is/are correct?	
Ans	☐ A. Neither 1 nor 2 ☒ B. Both 1 and 2 ☐ C. 2 only ☐ D. 1 only	

Q.89	Tea cultivation in India is mainly concentrated in which of the following regions?
Ans	☒ A. North-Eastern Hills ☐ B. Aravali Hills ☐ C. Central Plateau ☐ D. Thar Desert
Q.90	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 – Pallavi, Shreya, Monika, Ritu, and Alka – are sitting in a straight line facing north. Who is sitting at the extreme left end? (I) Shreya sits immediately to the right of Pallavi. (II) Monika sits immediately to the right of Shreya, and Ritu is not at any end.
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 I 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
Q.91	A, B, C, 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 is numbered 6. Only four people live below C. Only three people live above F. A lives immediately below E. D does not live above B. How many people live below E?
Ans	☐ A. Two ☐ B. Three ☒ C. One ☐ D. Four
Q.92	In November 2025, Oman enhanced its global environmental leadership by joining which international council?
Ans	☐ A. UNEP Governing Council ☐ B. UNESCO World Heritage Committee ☐ C. IUCN Council ☒ D. UNESCO Man and the Biosphere Council
Q.93	In the decision-making process of the GST Council, how is the voting power distributed between the Central Government and the State Governments?
Ans	☐ A. Centre = 2/3, States = 1/3 ☐ B. Centre = 1/2, States = 1/2 ☒ C. Centre = 1/3, States = 2/3 ☐ D. States alone = 1, Centre = 0
Q.94	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. AE-DH ☒ B. NR-OU ☐ C. FJ-IM ☐ D. CG-FJ

Q.95	Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only (Left) @ L € F J £ E # N K # * R P * D # X T * G 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. 6	
	☒ B. 3	
	☒ C. 5	
	☒ D. 4	
Q.96	Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete? ERW 7, CPU 15, ANS 23, YLQ 31, ?	
Ans	☒ A. WIM 38	
	☒ B. VIN 39	
	☒ C. WJO 39	
	☒ D. XJN 40	
Q.97	Find the solution of the following system of linear equations: $2x + y + z = 25$ $x - 3y + 2z = 0$ $y - z = 6$	
Ans	☒ A. $x = \frac{55}{4}, y = \frac{-17}{4}, z = \frac{7}{4}$	
	☒ B. $x = \frac{-17}{4}, y = \frac{55}{4}, z = \frac{7}{4}$	
	☒ C. $x = \frac{7}{4}, y = \frac{55}{4}, z = \frac{-17}{4}$	
	☒ D. $x = \frac{55}{4}, y = \frac{7}{4}, z = \frac{-17}{4}$	
Q.98	What number will be in the place of x? $2.8 : 3.8 :: x : 5.7$	
Ans	☒ A. 4.8	
	☒ B. 3.6	
	☒ C. 5.1	
	☒ D. 4.2	
Q.99	A typist takes 40 minutes to type 10 pages. How many pages will he type in 88 minutes?	
Ans	☒ A. 23	
	☒ B. 22	
	☒ C. 21	
	☒ D. 24	

Q.100 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) £ D € U B & @ % © K C # T \$ @ A # E D % * C (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. 5

☒ B. 4

☒ C. 3

☒ D. 2

Railway BABA



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	25/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Two people, A and B, start running from the same point on a circular track of length 400 meters, but in opposite directions. A runs at 6 m/s and B at 4 m/s. In how many seconds will they meet for the first time?

- Ans**
- ☒ A. 50 seconds
 - ☒ B. 40 seconds
 - ☒ C. 20 seconds
 - ☒ D. 30 seconds

Q.2 Who was known as the "Mother of Indian Feminism" for her pioneering work in women's education and rights?

- Ans**
- ☒ A. Rukhmabai
 - ☒ B. Pandita Ramabai
 - ☒ C. Annie Besant
 - ☒ D. Savitribai Phule

Q.3 Padma Shri Award winner Rani Karnaa was an exponent of which of the following dance forms?

- Ans**
- ☒ A. Kathakali
 - ☒ B. Kathak
 - ☒ C. Kuchipudi
 - ☒ D. Odissi

Q.4 Which of the following freedom fighters led the Mahad Satyagraha in 1927?

- Ans**
- ☒ A. Jyotirao Phule
 - ☒ B. E V Ramaswamy Naicker
 - ☒ C. B R Ambedkar
 - ☒ D. K Kelappan

Q.5 At what rate per annum will a sum of money become five times itself in 11 years under simple interest?

- Ans
- ☐ A. $34\frac{4}{11}\%$
 - ☐ B. $72\frac{8}{11}\%$
 - ☐ C. $38\frac{8}{11}\%$
 - ☒ D. $36\frac{4}{11}\%$

Q.6 Sharad starts from Point A and drives 47 km towards the South. He then takes a right turn, drives 49 km, turns right and drives 51 km. He then takes a right turn and drives 53 km. He takes a final right 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. 4 km to the west
 - ☐ B. 2 km to the west
 - ☐ C. 1 km to the west
 - ☐ D. 3 km to the west

Q.7 In a certain code language,
A + B means 'A is the husband of B'
A - B means 'A is the daughter of B'
A × B means 'A is the brother of B'
A ÷ B means 'A is the sister of B'

Based on the above, how is S related to M if 'S × R - U + N ÷ M'?

- Ans
- ☐ A. Daughter's son
 - ☐ B. Brother's son
 - ☒ C. Sister's son
 - ☐ D. Son's son

Q.8 A, B, C, 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 is numbered 6. B lives on the topmost floor. Only three people live between B and D. F lives immediately above A, but immediately below E. How many people live between F and C?

- Ans
- ☐ A. None
 - ☐ B. One
 - ☒ C. Two
 - ☐ D. Three

Q.9 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 cousins – Kriti, Leena, Mona, Pooja, and Reema – are of different ages. Who is the youngest?

(I) Leena is older than Kriti but younger than Mona.

(II) Pooja is older than Kriti but younger than Leena.

- 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. 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.10 What should come in place of '?' in the given series?

99 124 140 149 153 ?

- Ans
- ☒ A. 166
 - ☒ B. 154
 - ☒ C. 152
 - ☒ D. 164

Q.11 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:

All papers are books. All books are erasers. Some erasers are crayons.

Conclusions:

(I) Some papers are crayons.

(II) Some books are crayons.

- Ans
- ☒ A. Both conclusions I and II follow.
 - ☒ B. Only conclusion I follows.
 - ☒ C. Neither conclusion I nor II follows.
 - ☒ D. Only conclusion II follows.

Q.12 Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) D 8 € K K 6 * @ F Y 9 5 L 8 € 7 2 X Y € O & (Right)

If all the letters are dropped from the series, which of the following will be fifth from the left?

- Ans
- ☒ A. 5
 - ☒ B. @
 - ☒ C. 9
 - ☒ D. €

Q.13 Solve the following system of equations:

$$x + 2y + 4z = 14$$

$$x + 2y + z = 7$$

$$2x + y + 2z = 2$$

- Ans
- ☒ A. $x = -\frac{10}{3}, y = 3, z = \frac{7}{3}$
 - ☒ B. $x = -\frac{11}{3}, y = 3, z = \frac{7}{3}$
 - ☒ C. $x = -\frac{10}{3}, y = 4, z = \frac{8}{3}$
 - ☒ D. $x = -\frac{10}{3}, y = 4, z = \frac{7}{3}$

Q.14 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only G is kept above C. Only E is kept between C and F. Only D is kept below B.

How many boxes are kept below F?

- Ans
- ☒ A. 3
 - ☒ B. 1
 - ☒ C. 2
 - ☒ D. 4

Q.15 Two taps can fill a cistern in 4 hours and 32 hours respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans**
- ☒ A. 32
 - ☒ B. 8
 - ☒ C. 24
 - ☒ D. 16

Q.16 A cylindrical wax block with radius 7 cm and height 10 cm is melted and reshaped into a cone with the same base radius. Find the height of the cone.

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

- Ans**
- ☒ A. 18 cm
 - ☒ B. 30 cm
 - ☒ C. 25 cm
 - ☒ D. 20 cm

Q.17 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. UW-XZ
 - ☒ B. GI-JL
 - ☒ C. RT-VX
 - ☒ D. AC-DF

Q.18 In a certain code language,
A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A x B means 'A is the sister of B'
A ÷ B means 'A is the father of B'
A % B means 'A is the husband of B'
A # B means 'A is the wife of B'
Based on the above, how is R related to W if 'W # A ÷ M – P + I x R ÷ E'?

- Ans**
- ☒ A. Brother's Son
 - ☒ B. Sister's Son
 - ☒ C. Daughter's Son
 - ☒ D. Son's Son

Q.19 Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)
(Left) 6 2 @ # & * % ~ 7 = Ω 1 8 ? £ \$ 4 3 5 + 9 (Right)
How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

- Ans**
- ☒ A. One
 - ☒ B. Three
 - ☒ C. None
 - ☒ D. Two

Q.20 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 82 pages?

- Ans**
- ☒ A. 1650
 - ☒ B. 1630
 - ☒ C. 1645
 - ☒ D. 1640

Q.21 There are 52 members in group A, 22 members in group B and 36 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹420, ₹437 and ₹101, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☒ A. 323
 - ☒ B. 319
 - ☒ C. 322
 - ☒ D. 320

Q.22 Each of F, G, H, I, 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. Only three people have exams between I and O. O has exam on the last day of the week. Only one person has exam between F and H. N has exam immediately the day before M. G doesn't have exam on Friday. How many people have exam(s) between G and N?

- Ans
- ☒ A. Four
 - ☒ B. Three
 - ☒ C. Two
 - ☒ D. One

Q.23 A boat goes 20,000 m upstream and 44,000 m downstream in 8 hours while it goes 15,000 m upstream and 22,000 m downstream in 5 hours. The speed of boat in still water is:

- Ans
- ☒ A. $2\frac{1}{9}$ m/s
 - ☒ B. $3\frac{4}{9}$ m/s
 - ☒ C. $3\frac{2}{9}$ m/s
 - ☒ D. $2\frac{2}{9}$ m/s

Q.24 What was the name given to the special officials appointed by Ashoka to spread his policy of Dhamma?

- Ans
- ☒ A. Dhamma Mahamatta
 - ☒ B. Dhamma Janapada
 - ☒ C. Dhamma Mukhyas
 - ☒ D. Dhamma Lekhakas

Q.25 What is the primary pigment responsible for photosynthesis in plants?

- Ans
- ☒ A. Chlorophyll
 - ☒ B. Carotenoid
 - ☒ C. Xanthophyll
 - ☒ D. Anthocyanin

Q.26 Seven people, C, D, E, N, O, P and Q, are sitting in a straight line, facing north. E sits second to the right of N. Only two people sit between E and P. Only two people sit to the left of N. Only three people sit between N and C. O sits at some place to the right of Q but at some place to the left of D. How many people sit to the right of O?

- Ans
- ☒ A. Two
 - ☒ B. Three
 - ☒ C. One
 - ☒ D. Four

Q.27 WELD is related to YHPI in a certain way based on the English alphabetical order. In the same way, AKTN is related to CNXS. To which of the following is EQBX related, following the same logic?

- Ans**
- ☐ A. FUDB
 - ☐ B. HSED
 - ☐ C. GUED
 - ☒ D. GTFC

Q.28 In accordance with Article 239AA of the Constitution of India, after the enforcement of the Constitution (Sixty-ninth Amendment) Act, 1991, the Union Territory of Delhi is designated by which of the following titles?

- Ans**
- ☐ A. Administrative Capital of India
 - ☐ B. National Capital Region of Delhi
 - ☐ C. Union State of Delhi
 - ☒ D. National Capital Territory of Delhi

Q.29 The length of each side of a rhombus is 17 cm and one of the diagonals is 30 cm. What is the area of the rhombus?

- Ans**
- ☐ A. 272 cm²
 - ☐ B. 510 cm²
 - ☐ C. 255 cm²
 - ☒ D. 240 cm²

Q.30 A trader marks his goods at a certain price and offers a 10% discount on it. In addition, he runs a scheme where for every 104 articles purchased, 16 articles are given free. If he still makes a profit of 17% on the overall transaction, find out by what percentage the marked price of an article is more than its cost price. Assume the customer pays for only 104 articles.

- Ans**
- ☐ A. 60%
 - ☐ B. 53%
 - ☒ C. 50%
 - ☐ D. 44%

Q.31 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 :: ?

: NXF :: JTB : %

- Ans**
- ☐ A. # = CMU % = UEN
 - ☐ B. # = CNU % = UEM
 - ☐ C. # = DMU % = UEM
 - ☒ D. # = CMU % = UEM

Q.32 Article 47 deals with which of the following?

- Ans**
- ☐ A. Organization of agriculture
 - ☐ B. Protection of environment
 - ☐ C. Participation of workers in management
 - ☒ D. Raising the level of nutrition and public health

Q.33 Which of the following number series was prescribed by the Telecom Regulatory Authority of India (TRAI) on 16 December 2025, for IRDAI-regulated entities to use for consumer service and transactional calls, to be implemented by 15 February 2026?

- Ans**
- ☐ A. 1500 series
 - ☐ B. 1900 series
 - ☐ C. 1400 series
 - ☒ D. 1600 series

Q.34 Which of the following Articles of the Constitution empowers the administrator to promulgate ordinances during recess of the Legislature in Union Territories?

- Ans**
- ☐ A. 241
 - ☐ B. 239
 - ☐ C. 239AA
 - ☒ D. 239B

Q.35 Which of the following plant tissues is NOT a type of simple tissue?

- Ans**
- ☒ A. Xylem
 - ☐ B. Sclerenchyma
 - ☐ C. Parenchyma
 - ☐ D. Collenchyma

Q.36 The sum of 12 numbers is 540. Find their average.

- Ans**
- ☐ A. 46
 - ☐ B. 43
 - ☐ C. 44
 - ☒ D. 45

Q.37 A student double-clicks a file in Windows 11 and a program starts running immediately. The file is not a document or image but directly launches software. Which file type is most likely being opened?

- Ans**
- ☐ A. .txt
 - ☒ B. .exe
 - ☐ C. .jpg
 - ☐ D. .mp3

Q.38 Which of the following is NOT a component of the actual population growth?

- Ans**
- ☐ A. Death rate
 - ☐ B. In-migration
 - ☒ C. Urbanisation rate
 - ☐ D. Birth rate

Q.39 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) S * & € L £ O & £ £ S # T * © M @ Y T \$ L £ (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. 6
 - ☐ B. 7
 - ☐ C. 5
 - ☐ D. 8

Q.40 Each of the digits in the number 7834126 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.41 The Constitution (Ninety-Fifth Amendment) Act of 2009 extended the reservation of seats in the Lok Sabha and State Legislative Assemblies for Scheduled Castes, Scheduled Tribes, and Anglo-Indians for how many years?

- Ans**
- ☐ A. Five Years
 - ☐ B. Fifteen Years
 - ☐ C. Twenty Years
 - ☒ D. Ten Years

Q.42 A frequency distribution has a mean of 55 and a mode of 50. If the empirical relation holds, what should be the median of the data set? (Round off to two decimal places.)

- Ans**
- ☒ A. 53.33
 - ☐ B. 54.21
 - ☐ C. 53.86
 - ☐ D. 54.83

Q.43 What is a significant feature of Indian architecture related to caves?

- Ans**
- ☒ A. Excavation of caves for religious purposes
 - ☐ B. Use of marble in construction
 - ☐ C. Influence of European architecture
 - ☐ D. Development of skyscrapers

Q.44 Which Koppen climate subtype is identified by a short wet season and long, severe dry period?

- Ans**
- ☐ A. BSh climate subtype
 - ☒ B. Aw climate subtype
 - ☐ C. Am climate subtype
 - ☐ D. Af climate subtype

Q.45 Which of the following best explains the Indian National Congress's stance on communal politics during the Moderate phase?

- Ans**
- ☐ A. Accepted political demands based on religious identities
 - ☒ B. Maintained a secular approach in its programmes and demands
 - ☐ C. Aligned itself with leaders of specific religious communities
 - ☐ D. Limited organisational participation to a single religious group

Q.46 If $5^{3x} + 4 = (5^4)^{105}$, then find the integral part of x.

- Ans**
- ☐ A. 128
 - ☐ B. 183
 - ☐ C. 182
 - ☒ D. 138

Q.47 The Preamble declares India to be which of the following?

- Ans**
- ☐ A. Sovereign, Socialist, Secular, Democratic, Union
 - ☒ B. Sovereign, Socialist, Secular, Democratic, Republic
 - ☐ C. Sovereign, Federal, Secular, Democratic, Republic
 - ☐ D. Sovereign, Socialist, Federal, Democratic, Republic

Q.48 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 cows are goats.
Some goats are dogs.
All dogs are tigers.

Conclusions:

(I) All dogs are cows.
(II) Some tigers are goats.

- 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.49 In 2025, which state had One-Stop Centres that assisted approximately 2.39 lakh women?

- Ans**
- ☒ A. Bihar
 - ☒ B. Uttar Pradesh
 - ☒ C. Gujarat
 - ☒ D. Maharashtra

Q.50 Which of the following thickens sauces and soups due to its ability to absorb water and form a gel?

- Ans**
- ☒ A. Sugar
 - ☒ B. Oil
 - ☒ C. Starch
 - ☒ D. Salt

Q.51 What method does the Hill Areas Development Programme (HADP) use to increase productivity of the land?

- Ans**
- ☒ A. Vegetative methods and changing cropping pattern
 - ☒ B. Importing high-yielding crops from plain regions
 - ☒ C. Use of chemical fertilizers and pesticide inputs
 - ☒ D. Application of advanced mechanized technologies

Q.52 In November 2025, India and Israel signed a Memorandum of Understanding (MoU) on Defence Cooperation during which meeting?

- Ans**
- ☒ A. 20th Indo-Israel Defence Forum
 - ☒ B. 17th India–Israel Joint Working Group (JWG) meeting
 - ☒ C. 14th Strategic Defence Summit
 - ☒ D. 10th India–Israel Defence Dialogue

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 operations 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.)
12 – 24 – 44 – 74; 18 – 36 – 56 – 86

- Ans**
- ☒ A. 17 – 34 – 44 – 74
 - ☒ B. 10 – 20 – 40 – 80
 - ☒ C. 8 – 24 – 44 – 74
 - ☒ D. 15 – 30 – 50 – 80

Q.54 With which State did the Department of Biotechnology sign the first Centre–State Memorandum of Understanding under the BioE3 Policy in 2025 to promote high-performance biomanufacturing?

- Ans**
- ☐ A. Gujarat
 - ☐ B. Karnataka
 - ☒ C. Assam
 - ☐ D. Tamil Nadu

Q.55 With reference to Harappan architecture, which of the following statements is/are correct?

- I. Streets and roads were straight and cutting each other at right angles.
- II. Street drains were covered by stone slabs.

- Ans**
- ☐ A. Neither I nor II
 - ☐ B. Only I
 - ☒ C. Both I and II
 - ☐ D. Only II

Q.56 The cost price of 48 books is equal to the selling price of 36 books. Find the profit percentage. (Round off your answer to two decimal places.)

- Ans**
- ☐ A. 39.84%
 - ☐ B. 36.23%
 - ☒ C. 33.33%
 - ☐ D. 22.18%

Q.57 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LJL 62 IGI 54 FDF 46 CAC 38 ?

- Ans**
- ☒ A. ZXZ 30
 - ☐ B. ZYY 30
 - ☐ C. ZWY 29
 - ☐ D. ZHQ 29

Q.58 For 4 waffles, a recipe needs 680 g of butter. Find the quantity of butter needed if you want to make 17 waffles.

- Ans**
- ☐ A. 2930 g
 - ☐ B. 3120 g
 - ☒ C. 2890 g
 - ☐ D. 2650 g

Q.59 In a certain code language, ' OENI' is coded as '79' and 'WASR' is coded as '61' . What is the code for 'QJTD' in the given code language?

- Ans**
- ☐ A. 78
 - ☐ B. 62
 - ☐ C. 66
 - ☒ D. 71

Q.60 Which of the following statements best represents system software?

- Ans**
- ☐ A. Software used for preparing presentations
 - ☒ B. Software that controls all internal computer functions
 - ☐ C. Software used to play games
 - ☐ D. Software used to design custom projects

Q.61 During which nationwide event, observed in 2025, did the Union Minister of Science and Technology emphasize inclusive participation in India's biotechnology mission and the goal of achieving a \$300 billion bioeconomy by 2030?

- Ans**
- ☐ A. India Bioeconomy Vision 2030 Outreach Event
 - ☒ B. World Bioproduct Day – The BioE3 Way
 - ☐ C. Global Biotech Innovation and Sustainability Summit
 - ☐ D. National Biotechnology Awareness Week Programme

Q.62 A gardener waters three rows of plants using automatic sprays. Spray A activates after every 12 minutes, Spray B after every 15 minutes, and Spray C after every 20 minutes. If they first activate together at 9:45 AM, at what time will they activate together for the sixth time (including the one at the beginning)?

- Ans**
- ☐ A. 2:55 PM
 - ☒ B. 2:45 PM
 - ☐ C. 1:45 PM
 - ☐ D. 2:25 PM

Q.63 Which centrally sponsored scheme aims to create community infrastructure in Minority Concentration Areas (MCAs) to address development deficits, as stated by Minister of MINORITY AFFAIRS in July 2025?

- Ans**
- ☒ A. Pradhan Mantri Jan Vikas Karyakram (PMJVK)
 - ☐ B. Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS)
 - ☐ C. Padho Pardesh
 - ☐ D. Seekho Aur Kamao

Q.64 Which irrigation method delivers water directly to roots using emitters for optimal moisture control and efficiency?

- Ans**
- ☒ A. Drip
 - ☐ B. Sprinkler
 - ☐ C. Flood
 - ☐ D. Overhead

Q.65 In a certain code language, 'TOUR' is coded as '3894' and 'AUTO' is coded as '5489'. What is the code for 'A' in the given code language?

- Ans**
- ☐ A. 9
 - ☐ B. 8
 - ☐ C. 4
 - ☒ D. 5

Q.66 There is a wooden cube with an edge length of 14 cm. A hemisphere with a radius of 7 cm is carved out from each face of the cube. Find the surface area (in cm²) of the remaining structure. (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ A. 2150
 - ☒ B. 2100
 - ☐ C. 1800
 - ☐ D. 1950

Q.67 Who made history in November 2025 as the first Muslim and South Asian American elected Lieutenant Governor of Virginia?

- Ans**
- ☐ A. Suhas Subramanyam
 - ☒ B. Ghazala Hashmi
 - ☐ C. Zeeshan Siddiqui
 - ☐ D. Pramila Jayapal

Q.68 In a circle with center A, a 18 cm long chord is at a distance of 12 cm from the center. Find the length of the diameter.

- Ans**
- ☐ A. 38 cm
 - ☐ B. 28 cm
 - ☒ C. 30 cm
 - ☐ D. 32 cm

Q.69 Ramesh, Seema, and Shanaya invest ₹1230, ₹1710, and ₹1010 respectively to start a business. If the profit at the end of the year is ₹1580, then what is the share of Shanaya in the profit?

- Ans**
- ☐ A. ₹403
 - ☒ B. ₹404
 - ☐ C. ₹407
 - ☐ D. ₹405

Q.70 Mansi and Neha started a partnership business, investing some amount in the ratio of 7 : 9. Utsavi joined then after six months with an amount equal to that of Neha. In what ratio should the profit at the end of one year be distributed among Mansi, Neha and Utsavi?

- Ans**
- ☐ A. 18 : 19 : 10
 - ☐ B. 13 : 14 : 8
 - ☒ C. 14 : 18 : 9
 - ☐ D. 12 : 17 : 8

Q.71 The price of fuel decreases by 30%, 20% and 50% in three successive months, but increases by 40% in the fourth month. What is the percentage increase or decrease in the price of fuel in the fourth month as compared to its original price?

- Ans**
- ☐ A. Decrease by 57.2%
 - ☒ B. Decrease by 60.8%
 - ☐ C. Increase by 55.4%
 - ☐ D. Increase by 63.2%

Q.72 Which of the following countries is India's nearest neighbour in the northwest?

- Ans**
- ☒ A. Pakistan
 - ☐ B. Nepal
 - ☐ C. Bhutan
 - ☐ D. China

Q.73 India's National Clean Air Programme (NCAP) originally aimed to reduce particulate pollution by what percentage by 2024–25 compared to the 2017–18 baseline?

- Ans**
- ☐ A. 10–15%
 - ☐ B. 60–70%
 - ☐ C. 40–50%
 - ☒ D. 20–30%

Q.74 9 is related to 82 following a certain logic. Following the same logic, 17 is related to 290. To which of the following is 33 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. 1090
 - ☐ B. 1070
 - ☐ C. 1080
 - ☐ D. 1060

Q.75 For what values of 'k' will the value of $(12x^2 - kx + 27)$ be always positive?

Ans ☒ A. $-36 < k < 36$

☐ B. $k < -36$

☐ C. $-36 \leq k \leq 36$

☐ D. $k > 36$

Q.76 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. V sits fourth to the left of H. H sits to the immediate right of W. Only three people sit between W and X. G sits to the immediate right of I. How many people sit between F and I when counted from the left of I?

Ans ☐ A. One

☒ B. Two

☐ C. Zero

☐ D. Three

Q.77 Which amendment to the Indian constitution provided a special status to the Union Territory of Delhi, and redesignated it the National Capital Territory of Delhi?

Ans ☒ A. 69th Constitutional Amendment

☐ B. 68th Constitutional Amendment

☐ C. 70th Constitutional Amendment

☐ D. 71st Constitutional Amendment

Q.78 Which 16th-century CE heritage site near Agra was commissioned by Emperor Akbar as a planned capital city?

Ans ☐ A. Akbar's Tomb

☒ B. Fatehpur Sikri

☐ C. Agra Fort

☐ D. Taj Mahal

Q.79 What is the value of $(9x + 7y)$, if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	8	18	x	2	y	52

Ans ☒ A. 184

☐ B. 193

☐ C. 166

☐ D. 191

Q.80 Veer has ₹1404 with him. He divides this amount between his two sons, Nitin and Pravin, and asks them to invest their respective shares at a compound interest rate of 8% per annum, compounded annually. It is observed that Nitin's investment amounts to the same value after 19 years as Pravin's investment does after 20 years. How much (in ₹) did Veer give to Pravin?

Ans ☒ A. 675

☐ B. 525

☐ C. 829

☐ D. 729

Q.81 The primary objective of monetary policy is _____.

Ans ☒ A. To maintain price stability

☐ B. To maximize employment

☐ C. To evade taxes

☐ D. To fund elections

Q.82 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. NQU
 - ☒ B. DGK
 - ☒ C. PSW
 - ☒ D. JMP

Q.83 What should come in place of the question mark (?) in the given series?

35 36 40 49 65 ?

- Ans
- ☒ A. 92
 - ☒ B. 90
 - ☒ C. 81
 - ☒ D. 89

Q.84 72 is related to 22 following a certain logic. Following the same logic, 132 is related to 37. To which of the following is 108 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 /deleting /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. 31
 - ☒ B. 42
 - ☒ C. 38
 - ☒ D. 28

Q.85 Evaluate: $16 + 20 \div 5 - 2 \times 4$

- Ans
- ☒ A. 11
 - ☒ B. 15
 - ☒ C. 12
 - ☒ D. 14

Q.86 The energy stored in human liver and muscle tissues is mainly in the form of which carbohydrate?

- Ans
- ☒ A. Glycogen
 - ☒ B. Starch
 - ☒ C. Sucrose
 - ☒ D. Cellulose

Q.87 What is the fraction equal to $(0.\overline{5} + 0.1)$ in simplest form?

- Ans
- ☒ A. $\frac{51}{91}$
 - ☒ B. $\frac{78}{89}$
 - ☒ C. $\frac{71}{69}$
 - ☒ D. $\frac{59}{90}$

Q.88 In a right-angled triangle, if the lengths of the opposite side and the adjacent side to angle θ are 7 cm and 21 cm, respectively, then what is the value of $\tan\theta$?

- Ans
- ☒ A. $\frac{1}{3}$
 - ☐ B. $\frac{1}{7}$
 - ☐ C. $\frac{2}{21}$
 - ☐ D. $\frac{1}{21}$

Q.89 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$60 \text{ A } 6 \text{ C } 3 \text{ B } 5 \text{ D } 8 = ?$$

- Ans
- ☐ A. 16
 - ☐ B. 14
 - ☐ C. 15
 - ☒ D. 17

Q.90 In December 2025, which country officially transferred the BRICS presidency to India during the concluding session of the 4th BRICS Sherpas Meeting?

- Ans
- ☒ A. Brazil
 - ☐ B. China
 - ☐ C. Russia
 - ☐ D. South Africa

Q.91 Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete?
JVO 5, HTM 11, FRK 17, DPI 23, ?

- Ans
- ☐ A. BOG 29
 - ☐ B. BME 27
 - ☒ C. BNG 29
 - ☐ D. AMF 30

Q.92 Simplify:
$$\frac{(2.33)^3 + (1.55)^3 + (1.22)^3 - 3 \times 2.33 \times 1.55 \times 1.22}{(2.33)^2 + (1.55)^2 + (1.22)^2 - 3.6115 - 2.8426 - 1.891}$$

- Ans
- ☐ A. 5.2
 - ☒ B. 5.1
 - ☐ C. 5.3
 - ☐ D. 5

Q.93 A shopkeeper professes to sell his goods at a 35% loss but uses a false balance and gains 55%. The actual weight (rounded off to one decimal place) he uses instead of 1 kg is:

- Ans
- ☒ A. 419.4 gm
 - ☐ B. 420.8 gm
 - ☐ C. 417.6 gm
 - ☐ D. 417.9 gm

Q.94 Which of the following programmes aims to increase soil fertility and thereby helps in production of healthy food through organic practices without the use of agro-chemicals?

- Ans**
- ✓ A. Paramparagat Krishi Vikas Yojana
 - ✗ B. Pradhan Mantri Fasal Bima Yojana
 - ✗ C. Pradhan Mantri Kisan MaanDhan Yojana
 - ✗ D. Rastriya Krishi Vikas Yojana

Q.95 Which of the following characteristics represents the ability of a computer to work continuously without fatigue?

- Ans**
- ✗ A. Speed
 - ✗ B. Accuracy
 - ✓ C. Diligence
 - ✗ D. Versatility

Q.96 What is the primary function of the Alt + Tab keyboard shortcut in Windows?

- Ans**
- ✗ A. To minimize all open applications
 - ✗ B. To close the currently active window
 - ✗ C. To open Task Manager
 - ✓ D. To switch between open windows

Q.97 As per Census of India 2011, which union territory of India recorded the highest population growth rate?

- Ans**
- ✓ A. Dadra and Nagar Haveli
 - ✗ B. Puducherry
 - ✗ C. Andaman and Nicobar Islands
 - ✗ D. Daman and Diu

Q.98 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 :: ?
: BYU :: GDZ : %

- Ans**
- ✗ A. # = JIE , % = YVR
 - ✗ B. # = JGC , % = YUS
 - ✗ C. # = JGB , % = XUQ
 - ✓ D. # = JGC , % = YVR

Q.99 The monthly incomes of two friends Tushar and Salil, are in the ratio 6 : 7 respectively and each of them saves ₹66,000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Tushar (in ₹).

- Ans**
- ✗ A. 1,10,880
 - ✓ B. 79,200
 - ✗ C. 78,200
 - ✗ D. 80,200

Q.100 Which technique was primarily used to produce flake tools in India during the Middle Palaeolithic culture?

- Ans**
- ✓ A. Levallois technique
 - ✗ B. Percussion method
 - ✗ C. Blade-tool technology
 - ✗ D. Pressure flaking



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	25/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Two tangents, AB and AC, are drawn on a circle from an external point A, which is 6 cm away from its centre O. If the radius of the circle is 3 cm, then what is the measure of angle OBC?

- Ans ☒ A. 30°
☒ B. 100°
☒ C. 60°
☒ D. 120°

Q.2 Select the INCORRECT statement about the policies of Jalaluddin Khalji.

- Ans ☒ A. He avoided harsh punishments, even to those who revolted against him.
☒ B. He put forward the view that the state should never be based on the willing support of the governed.
☒ C. He not only forgave those who revolted against him but at times even rewarded them to win their support.
☒ D. He tried to win the goodwill of the nobility by a policy of tolerance.

Q.3 In a certain code language,
 $A + B$ means 'A is the mother of B'
 $A - B$ means 'A is the brother of B'
 $A \times B$ 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'

Based on the above, how is D related to E if ' $D \times N \% P + K \# E$ '?

- Ans ☒ A. Wife's father
☒ B. Daughter's husband
☒ C. Wife's mother
☒ D. Daughter's daughter

Q.4 If 9 students can prepare 117 charts in 3 hours, how many students are needed to prepare 208 charts in 1 hour?

- Ans ☒ A. 42 students
☒ B. 48 students
☒ C. 46 students
☒ D. 45 students

Q.5 What do you mean by .wma file on the computer?

- Ans**
- ☒ A. Windows Media Audio format
 - ☐ B. WiFi Media Audio format
 - ☐ C. Wired Media Audio format
 - ☐ D. Wireless Media Audio format

Q.6 If the mean proportional between x and 36 is 18, what is the value of x ?

- Ans**
- ☐ A. 12
 - ☐ B. 18
 - ☒ C. 9
 - ☐ D. 6

Q.7 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. JNT
 - ☐ B. LPU
 - ☐ C. WAF
 - ☐ D. DHM

Q.8 Refer to the following letter, number, symbol series and answer the question. Counting to be done from left to right only. (All numbers are single digit numbers only)

(Left) G & R E 5 K % 7 @ 2 S & 6 C T # 3 4 Y * D (Right)

How many such symbols are there which are immediately preceded by a letter and also immediately followed by a number?

- Ans**
- ☐ A. None
 - ☐ B. Two
 - ☒ C. Three
 - ☐ D. One

Q.9 Which of the following Indian regions shows least contribution to the formal tertiary sector despite large population and urban centers?

- Ans**
- ☒ A. Northeastern India
 - ☐ B. Western India
 - ☐ C. Northern India
 - ☐ D. Southern India

Q.10 Consider the following statements.

1. Before the Prime Minister enters upon his office, the President administers to him the oaths of office and secrecy.
2. The President can dismiss the Prime Minister at any time in an arbitrary way.
3. If the Prime Minister loses the confidence of the Lok Sabha, he must resign or the President can dismiss him.

Which of the above statements is/are correct?

- Ans**
- ☐ A. 1 only
 - ☐ B. 1 and 2 only
 - ☐ C. 2 and 3 only
 - ☒ D. 1 and 3 only

Q.11 Sharad is two times as old as his younger brother, and his other brother is 3 years younger than the younger brother. If the sum of the ages of these three brothers 3 years ago was 28 years, find Sharad's present age, in years.

- Ans ☐ A. 26
☒ B. 20
☐ C. 22
☐ D. 18

Q.12 Find the value of y , satisfying $22 \times 3 \times 816 \div \sqrt{2601} = y + 794$

- Ans ☐ A. 258
☒ B. 262
☐ C. 270
☐ D. 256

Q.13 Trisha and Riya started a partnership business, investing some amount in the ratio of 8 : 5. Poorva joined then after six months with an amount equal to that of Riya. In what ratio should the profit at the end of one year be distributed among Trisha, Riya and Poorva?

- Ans ☐ A. 19 : 15 : 8
☐ B. 15 : 5 : 2
☒ C. 16 : 10 : 5
☐ D. 17 : 7 : 3

Q.14 A shopkeeper professes to sell his goods at a 45% loss but uses a false balance and gains 50%. The actual weight (rounded off to one decimal place) that he uses instead of 1 kg is:

- Ans ☐ A. 369.3 gm
☐ B. 368.6 gm
☒ C. 366.7 gm
☐ D. 365.2 gm

Q.15 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

TWU 89 YBZ 81 DGE 73 ILJ 65 ?

- Ans ☐ A. NPN 56
☐ B. NQU 56
☐ C. NRN 57
☒ D. NQO 57

Q.16 In a certain code language, 'SEMI' is coded as '3615' and 'TIME' is coded as '1523'. What is the code for 'T' in the given code language?

- Ans ☐ A. 3
☐ B. 1
☐ C. 5
☒ D. 2

Q.17 If $3A = 4B = 8C$, what is $A : B : C$?

- Ans ☐ A. 6 : 3 : 8
☒ B. 8 : 6 : 3
☐ C. 8 : 4 : 3
☐ D. 6 : 8 : 3

Q.18 Choose the correct statement regarding the process of photosynthesis in plants.

- Ans**
- ☒ A. It primarily takes place during the night to conserve water.
 - ☒ B. It converts light energy into chemical energy.
 - ☒ C. It occurs in the mitochondria of plant cells.
 - ☒ D. It involves the breakdown of glucose to produce energy.

Q.19 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 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.)

(19, 24, 7)
(12, 14, 5)

- Ans**
- ☒ A. (7, 5, 3)
 - ☒ B. (12, 5, 3)
 - ☒ C. (3, 4, 1)
 - ☒ D. (12, 5, 4)

Q.20 Which material was mainly used for making beads and seals in Harappan civilization?

- Ans**
- ☒ A. Steatite
 - ☒ B. Ivory
 - ☒ C. Gold
 - ☒ D. Terracotta

Q.21 Which of the following Acts provides statutory status to Lok Adalats in India?

- Ans**
- ☒ A. The Arbitration and Conciliation Act, 1996
 - ☒ B. The Indian Constitution
 - ☒ C. The Legal Services Authorities Act, 1987
 - ☒ D. The Civil Procedure Code, 1908

Q.22 Which of the following best describes the tendency of undisturbed objects to remain at rest or to keep moving with the same velocity?

- Ans**
- ☒ A. Force
 - ☒ B. Acceleration
 - ☒ C. Momentum
 - ☒ D. Inertia

Q.23 A manufacturer is making conical paper cups of height 24 cm and radius 7 cm. How much paper (in m^2 correct up to 2 decimal places) is needed to make 1000 such cups? (Take $\pi = 3.14$)

- Ans**
- ☒ A. 71.34 m^2
 - ☒ B. 70.34 m^2
 - ☒ C. 80.34 m^2
 - ☒ D. 54.95 m^2

Q.24 DMKZ is related to EKNV in a certain way based on the English alphabetical order. In the same way, LOJT is related to MMMP. To which of the following is SRLQ related, following the same logic?

- Ans**
- ☒ A. TPIU
 - ☒ B. TONL
 - ☒ C. TPOM
 - ☒ D. TTNP

Q.25 The total surface area of a solid hemisphere is 200 cm^2 . Its radius (in cm) is:

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

Ans

☐ A. $\sqrt{\frac{703}{33}}$

☐ B. $\sqrt{\frac{710}{33}}$

☐ C. $\sqrt{\frac{692}{33}}$

☒ D. $\sqrt{\frac{700}{33}}$

Q.26 Which Act introduced uniform reporting standards for banks to the Reserve Bank of India in 2025?

Ans

☐ A. The Reserve Bank of India Act, 1934

☐ B. The State Bank of India Act, 1955

☐ C. The Banking Regulation Act, 1949

☒ D. The Banking Laws (Amendment) Act, 2025

Q.27 What major climate agreement was discussed during the United Nations Climate Change Conference in November 2025?

Ans

☒ A. Paris Agreement

☐ B. Kyoto Protocol

☐ C. Glasgow Pact

☐ D. Montreal Accord

Q.28 There are 69 members in group A, 65 members in group B and 88 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹468, ₹120 and ₹276, respectively. The overall average amount (in ₹) spent per member is:

Ans

☐ A. 286

☐ B. 288

☒ C. 290

☐ D. 294

Q.29 Two trains are running with the speed of 49 km/hr and 59 km/hr towards each other on parallel tracks. Their lengths are 349 m and 371 m, respectively. In how much time (in seconds) will they completely pass each other?

Ans

☐ A. 42

☐ B. 30

☒ C. 24

☐ D. 34

Q.30 Which characteristic of computers enables them to perform various tasks such as calculations, graphics, and communication?

Ans

☐ A. Speed

☒ B. Versatility

☐ C. Accuracy

☐ D. Automation

Q.31 A ladder 28 meters long leans against a wall, making an angle of 60° with the ground. Find the height at which the ladder touches the wall. (Use $\sqrt{3} = 1.74$)

- Ans**
- ☐ A. 21.5 m
 - ☐ B. 22.65 m
 - ☒ C. 24.36 m
 - ☐ D. 23.8 m

Q.32 Under the Merchandise Exports from India Scheme (MEIS), exporters are rewarded in the form of:

- Ans**
- ☒ A. Freely transferable Duty Credit Scrips
 - ☐ B. Non-transferable cash vouchers
 - ☐ C. Export tax rebates that expire on use
 - ☐ D. Equity shares in export-oriented units

Q.33 At what rate per annum will a sum of money become five times itself in 4 years under simple interest?

- Ans**
- ☐ A. 200%
 - ☒ B. 100%
 - ☐ C. 98%
 - ☐ D. 102%

Q.34 Who is the author of the memoir 'Mother Mary Comes to Me' released in September 2025?

- Ans**
- ☒ A. Arundhati Roy
 - ☐ B. Vikram Seth
 - ☐ C. Jhumpa Lahiri
 - ☐ D. Chetan Bhagat

Q.35 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 48572613, what will be the product of the greatest and smallest digit in the new number thus formed?

- Ans**
- ☒ A. 8
 - ☐ B. 9
 - ☐ C. 18
 - ☐ D. 0

Q.36 Who authored 'The Indian War of Independence 1857'?

- Ans**
- ☐ A. Mahatma Gandhi
 - ☒ B. Vinayak Damodar Savarkar
 - ☐ C. Bal Gangadhar Tilak
 - ☐ D. Jawaharlal Nehru

Q.37 According to the Constitution (One Hundred and Sixth Amendment) Act, 2023, what proportion of seats to be filled by direct election in the House of the People (Lok Sabha) is to be reserved for women?

- Ans**
- ☒ A. One-third of the seats
 - ☐ B. One-half of the seats
 - ☐ C. One-quarter of the seats
 - ☐ D. Two-thirds of the seats

Q.38 100 men have provisions for 27 days. If 50 men have left, for how many days the same provisions would last for the remaining men?

- Ans**
- ☐ A. 56
 - ☐ B. 52
 - ☐ C. 58
 - ☒ D. 54

Q.39 According to the Ministry of Commerce and Industry, Government of India, which of the following states was the major groundnut exporting state of India in 2020-2021?

- Ans**
- ☐ A. Madhya Pradesh
 - ☐ B. Maharashtra
 - ☒ C. Gujarat
 - ☐ D. Bihar

Q.40 C, D, N, O, P and Q 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. No one lives above D. Only two people live between D and C. Only two people live between O and Q. Q lives below C but above N. How many people live between P and N?

- Ans**
- ☐ A. One
 - ☐ B. Three
 - ☐ C. Zero
 - ☒ D. Two

Q.41 Which Harappan city, flourishing around 2500 BCE, is especially known for its Great Bath and advanced grid-pattern streets?

- Ans**
- ☐ A. Dholavira
 - ☐ B. Lothal
 - ☒ C. Mohenjodaro
 - ☐ D. Kalibangan

Q.42 In a certain code language,
A + B means 'A is the daughter of B'
A – B means 'A is the brother of B'
A x 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 J if 'D – F + G ÷ H x J'?

- Ans**
- ☒ A. Wife's brother
 - ☐ B. Wife's father
 - ☐ C. Father
 - ☐ D. Brother

Q.43 A, B, C, D, E, F and G sit around a circular table, facing the centre. Only two people sit between F and B when counted from the left of B. G sits third to the left of E. A sits to the immediate right of E. A sits second to the left of F. D is an immediate neighbour of G. How many people sit between A and G when counted from the right of G?

- Ans**
- ☐ A. 2
 - ☐ B. 1
 - ☒ C. 3
 - ☐ D. 4

Q.44 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.

FKM:IMN
BAL:ECM

- Ans** ☒ A. OME:ROF
☐ B. IKE:KMF
☐ C. OSH:PUI
☐ D. RTP:SUQ

Q.45 A shopkeeper fixes the marked price of an item 160% above its cost price. What percentage of discount on marked price should be allowed to gain 30%?

- Ans** ☐ A. 48%
☒ B. 50%
☐ C. 47%
☐ D. 49%

Q.46 What should come in place of the question mark (?) in the given series?

65 40 24 15 11 ?

- Ans** ☐ A. 12
☐ B. 9
☒ C. 10
☐ D. 6

Q.47 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 5 trees, L, M, N, T and V each having a different height, which tree is the tallest?

Statements:

(I) M is shorter than T but taller than L.

(II) L is taller than V but shorter than N.

- 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. 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 1 alone or statement II alone) are sufficient to answer the question

Q.48 Each of F, G, H, I, 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.
G has exam on Thursday, and H has exam on Saturday. N has exam immediately before F. M has exam on one of the days after I. O has exam immediately after F.
How many people have exams between M and O?

- Ans** ☐ A. Two
☐ B. Four
☐ C. One
☒ D. Three

Q.49 Which launch vehicle was announced in 2025 as having been built entirely by the private sector for the first time in India and was set to place the Oceansat satellite into orbit?

- Ans** ☒ A. Polar Satellite Launch Vehicle (PSLV)
☐ B. Small Satellite Launch Vehicle (SSLV)
☐ C. Launch Vehicle Mark-3 (LVM3)
☐ D. Geosynchronous Satellite Launch Vehicle (GSLV)

Q.50 If $a + \frac{1}{a} = 3$, then find the value of $a^6 + \frac{1}{a^6}$.

- Ans ☐ A. 324
☐ B. 321
☐ C. 323
☒ D. 322

Q.51 Find the value of m, satisfying equation:

$$\left(\frac{28}{9}\right)^{11} \times \left(\frac{9}{28}\right)^{16} \times \left(\frac{28}{9}\right)^{17} = \left(\frac{9}{28}\right)^{2m+8}$$

- Ans ☒ A. -10
☐ B. -9
☐ C. 1
☐ D. -26

Q.52 In a certain code language, 'CARD' is coded as '6135' and 'DRAW' is coded as '1765'. What is the code for 'W' in that language?

- Ans ☐ A. 6
☐ B. 1
☒ C. 7
☐ D. 5

Q.53 Which of the following best describes the Mahar Movement in Maharashtra?

- Ans ☐ A. A tribal uprising against British forest laws
☐ B. A peasant movement against zamindari exploitation
☐ C. A religious reform movement aimed at purifying Hindu rituals
☒ D. A socio-political movement for Dalit rights and social equality

Q.54 This question is based on the five, three-digit numbers given below.

(Left) 187 167 173 257 199 (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 second lowest number?

- Ans ☐ A. 11
☐ B. 8
☐ C. 14
☒ D. 12

Q.55 Which treaty was signed on 17 July 2025 between the United Kingdom and Germany, marking their first bilateral treaty since the Second World War?

- Ans ☐ A. Lancaster House 2.0
☐ B. Maastricht Treaty
☒ C. Kensington Treaty
☐ D. Northwood Declaration

Q.56 Rahul walks a distance of 6 km towards North, then turns to his left and walks for 3 km. He again turns left and walks for 6 km. At this point, he turns to his left and walks for 6 km. How far is he from his starting point? (All turns are 90-degree turns only, unless specified.)

- Ans**
- ☒ A. 3 km
 - ☐ B. 5 km
 - ☐ C. 2 km
 - ☐ D. 4 km

Q.57 How many main approaches are there to human development?

- Ans**
- ☐ A. Five: income, welfare, capabilities, rights-based, and sustainability approaches
 - ☐ B. Six: income, welfare, basic needs, capabilities, rights-based, participatory approaches
 - ☒ C. Four: income, welfare, minimum needs, and capabilities approaches
 - ☐ D. Three: income, welfare, and capability approaches

Q.58 Simplify $\frac{(555 + 444)^2 + (555 - 444)^2}{555 \times 555 + 444 \times 444}$.

- Ans**
- ☐ A. 1000
 - ☒ B. 2
 - ☐ C. 111
 - ☐ D. 999

Q.59 For equation $(2m-3)x^2 + (m+1)x + 5 = 0$ to represent a quadratic equation, which of the following must be definitely true?

- Ans**
- ☐ A. $m = -1$
 - ☐ B. $m = \frac{-3}{2}$
 - ☐ C. $m \neq 2$
 - ☒ D. $m \neq \frac{3}{2}$

Q.60 Which among the following changes were made in the Indian Constitution by the 42nd Constitutional Amendment Act ?

- Ans**
- ☐ A. Nationalization of Land Ceiling Laws.
 - ☒ B. Introduction of Fundamental Duties under Article 51A.
 - ☐ C. Inserted Right to Privacy in the Article 21 of Indian Constitution.
 - ☐ D. Increased Lok Sabha seats from 525 to 545.

Q.61 Which of the following Articles was inserted into the Directive Principles of State Policy of the Indian Constitution by the Constitution (Ninety-seventh Amendment) Act of 2011?

- Ans**
- ☐ A. Article 48A - Protection and improvement of environment and safeguarding of forests and wild life
 - ☐ B. Article 43A - Participation of workers in management of industries
 - ☒ C. Article 43B - Promotion of co-operative societies
 - ☐ D. Article 39A - Equal justice and free legal aid

Q.62 Which of the following instruments is used to measure the intensity of earthquakes?

- Ans**
- ☐ A. Barometer
 - ☐ B. Tiltmeter
 - ☐ C. Anemometer
 - ☒ D. Seismograph

Q.63 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 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.)

14, 69

18, 89

Ans ☒ A. 22, 109

☐ B. 22, 108

☐ C. 21, 108

☐ D. 21, 109

Q.64 Gopal has ₹1394 with him. He divides this amount between his two sons, Akshay and Arjun, and asks them to invest their respective shares at a compound interest rate of 5% per annum, compounded annually. It is observed that Akshay's investment amounts to the same value after 16 years as Arjun's investment does after 17 years. How much (in ₹) did Gopal give to Arjun?

Ans ☒ A. 680

☐ B. 814

☐ C. 530

☐ D. 714

Q.65 According to the 2025 Human Development Report, what was India's Human Development Index (HDI) value for the year 2023?

Ans ☒ A. 0.685

☐ B. 0.672

☐ C. 0.676

☐ D. 0.683

Q.66 Which of the following three river systems are primarily responsible for the formation of the Northern Plains of India?

Ans ☐ A. Narmada, Tapti, Kaveri

☐ B. Mahanadi, Ganga, Brahmaputra

☒ C. Indus, Ganga, Brahmaputra

☐ D. Krishna, Godavari, Yamuna

Q.67 Which of the following is an example of application software that depends entirely on system software to function?

Ans ☐ A. Linux Kernel

☐ B. BIOS

☒ C. Microsoft Word

☐ D. Ubuntu

Q.68 Seven people B, C, O, P, Q, R and S are sitting around a circular table facing the center of the table. Only one person sits between P and R when counted from the right of R. P sits third to the left of S. O sits third to the left of B. C is an immediate neighbor of both R and S. How many people sit between Q and C when counted from the right of Q?

Ans ☐ A. One

☒ B. Two

☐ C. Zero

☐ D. Three

Q.69 Which of the following officials in the Mauryan administration was primarily responsible for supervising state agriculture and cultivation on crown lands?

- Ans**
- ☐ A. Panyadhyaksha
 - ☐ B. Samaharta
 - ☐ C. Aksapataladhyaksha
 - ☒ D. Sitadhyaksha

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 man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ A. VR-QM
 - ☒ B. BX-VU
 - ☐ C. UQ-PL
 - ☐ D. CY-XT

Q.71 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
GHB 10 NOI 9 UVP 8 BCW 7 ?

- Ans**
- ☐ A. K LW 5
 - ☐ B. K DY 5
 - ☐ C. M NE 16
 - ☒ D. I JD 6

Q.72 What is the process by which plants make their food using sunlight?

- Ans**
- ☐ A. Transpiration
 - ☒ B. Photosynthesis
 - ☐ C. Fermentation
 - ☐ D. Respiration

Q.73 A shopkeeper purchased 48 dozens of articles at the rate of ₹300 per dozen. He sold each one of them at the rate of ₹90. What percentage profit did he make?

- Ans**
- ☒ A. 260%
 - ☐ B. 262%
 - ☐ C. 259%
 - ☐ D. 257%

Q.74 If the mean of the following data is 35, find the value of X.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	15	21	43	41	X

- Ans**
- ☐ A. 14
 - ☐ B. 8
 - ☐ C. 11
 - ☒ D. 5

Q.75 In which of the following present-day places did Jyotiba Phule founded the Satyashodhak Samaj in 1873?

- Ans**
- ☒ A. Pune
 - ☐ B. Nashik
 - ☐ C. Satara
 - ☐ D. Nagpur

Q.76 This question is based on the five, three-digit numbers given below.
(Left) 351 417 211 159 294 (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 second digit of the highest number is added to the third digit of lowest number ?

- Ans**
- ✓ A. 10
 - ✗ B. 15
 - ✗ C. 11
 - ✗ D. 13

Q.77 Which Indian Prime Minister among the following was never the Chief Minister of any state of India?

- Ans**
- ✗ A. Morarji Desai
 - ✗ B. VP Singh
 - ✓ C. Chandrashekhar
 - ✗ D. PV Narasimha Rao

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 donkeys. Some cats are monkeys. All monkeys are donkeys.

Conclusions:

(I) All cats are donkeys.

(II) Some horses are monkeys.

- 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.79 Which 17th-century CE monument in Agra, built by Shah Jahan, is a UNESCO World Heritage Site?

- Ans**
- ✗ A. Safdarjung Tomb
 - ✗ B. Jama Masjid
 - ✗ C. Sikandra Tomb
 - ✓ D. Taj Mahal

Q.80 Where did the Pune Book Festival 2025 take place?

- Ans**
- ✗ A. Symbiosis Auditorium
 - ✗ B. Savitribai Phule University
 - ✓ C. Fergusson College Grounds
 - ✗ D. Shaniwar Wada

Q.81 Who among the following became the first female President of Namibia in March 2025?

- Ans**
- ✗ A. Ellen Johnson Sirleaf
 - ✗ B. Saara Kuugongelwa
 - ✓ C. Netumbo Nandi-Ndaitwah
 - ✗ D. Joyce Banda

Q.82 Two numbers have an HCF of 12 and an LCM of 840. If one of the numbers is 84, then find the other number.

- Ans**
- ☐ A. 168
 - ☐ B. 368
 - ☒ C. 120
 - ☐ D. 840

Q.83 If A's salary is 113% more than that of B, then by how much percent is B's salary less than that of A (correct to 2 decimal places)?

- Ans**
- ☐ A. 51.35%
 - ☒ B. 53.05%
 - ☐ C. 50.45%
 - ☐ D. 55.15%

Q.84 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?

$$12 \text{ A } 4 \text{ B } 6 \text{ C } 8 \text{ D } 2 = ?$$

- Ans**
- ☐ A. 22
 - ☐ B. 23
 - ☒ C. 24
 - ☐ D. 25

Q.85 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.)

(37, 1361, 8)
(47, 2185, 24)

- Ans**
- ☐ A. (50, 2475, 24)
 - ☒ B. (12, 141, 3)
 - ☐ C. (29, 829, 11)
 - ☐ D. (4, 10, 5)

Q.86 Which Classical Language underwent significant scriptural evolution from Grantha, Vatteluttu, Kolezhuthu, and finally to its current script used in modern writing?

- Ans**
- ☐ A. Kannada
 - ☒ B. Malayalam
 - ☐ C. Odia
 - ☐ D. Tamil

Q.87 Find the average value of the first 350 positive multiples of 7.

- Ans**
- ☐ A. 1416.5
 - ☒ B. 1228.5
 - ☐ C. 1326.5
 - ☐ D. 1254.5

Q.88 Which of the following scholars introduced the concept of human development?

- Ans**
- ☒ A. Mahbub-ul-Haq
 - ☐ B. Amartya Sen
 - ☐ C. Griffith Taylor
 - ☐ D. Alexander Von Humboldt

Q.89 A boat covers a certain distance downstream in 6 hours and takes 8 hours to return upstream to the starting point. If the speed of the stream is 4 km/h, find the speed of the boat in still water.

- Ans**
- ☐ A. 24 km/hr
 - ☒ B. 28 km/hr
 - ☐ C. 12 km/hr
 - ☐ D. 18 km/hr

Q.90 What should come in place of '?' in the given series?

10 14 22 34 50 ?

- Ans**
- ☐ A. 58
 - ☒ B. 70
 - ☐ C. 59
 - ☐ D. 55

Q.91 Why is RAM called "Random Access"?

- Ans**
- ☐ A. Data is permanently stored
 - ☐ B. Data is stored randomly without structure
 - ☐ C. Data can only be accessed sequentially
 - ☒ D. Data can be accessed directly from any location

Q.92 Each of A, B, C, D, E and F visited the same shopping mall on a different day of a week starting from Monday and ending on Saturday of the same week. D visited the mall on Tuesday. Only two people visited the mall between B and D. C visited the mall immediately before F. A didn't visit the mall on a Saturday. Who visited the mall on Wednesday?

- Ans**
- ☐ A. E
 - ☐ B. F
 - ☐ C. A
 - ☒ D. C

Q.93 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 :: ?

: NRL :: GKE : %

- Ans**
- ☐ A. # = LTN % = EMK
 - ☐ B. # = MKN % = EMK
 - ☐ C. # = IUN % = EMJ
 - ☒ D. # = PTN % = EIC

Q.94 The monthly incomes of two friends Vipul and Vijay, are in the ratio 6 : 7 respectively and each of them saves ₹66,000 every month. If the ratio of their monthly expenditure is 1 : 3, find the monthly income of Vipul (in ₹).

- Ans**
- ☐ A. 71,000
 - ☒ B. 72,000
 - ☐ C. 1,00,800
 - ☐ D. 73,000

Q.95 What does the crude birth rate (CBR) measure in demographic studies?

- Ans**
- ☐ A. Ratio of deaths per hundred population
 - ☐ B. Net rural to urban migration
 - ☐ C. Share of employed women in workforce
 - ☒ D. Number of live births per thousand annually

Q.96 The following frequency table gives the marks obtained by 48 students in a class test.

Marks	Frequency
7	12
8	13
9	12
10	11

With reference to the frequency table, match the following statements: (Values are rounded off to three decimal places.)

Column P		Column Q	
i.	The mean of the distribution	1.	8.485
ii.	The standard deviation of the distribution	2.	1.207
iii.	The variance of the distribution	3.	1.099

- Ans
- ☒ A. i - 1, ii - 2 and iii - 3
 - ☒ B. i - 3, ii - 1 and iii - 2
 - ☒ C. i - 1, ii - 3 and iii - 2
 - ☒ D. i - 2, ii - 3 and iii - 1

Q.97 Which landform is formed when a glacier erodes a pre-existing river valley by widening, deepening, and smoothing it?

- Ans
- ☒ A. V-shaped valley
 - ☒ B. U-shaped valley
 - ☒ C. Floodplain
 - ☒ D. Gorge

Q.98 Hans Geiger and Ernest Marsden performed the famous α -particle scattering experiment under the supervision of _____.

- Ans
- ☒ A. Ernest Rutherford
 - ☒ B. Niels Bohr
 - ☒ C. John Dalton
 - ☒ D. William Henry

Q.99 The sum of all interior angles in a trapezium is _____.

- Ans
- ☒ A. 180°
 - ☒ B. 240°
 - ☒ C. 360°
 - ☒ D. 540°

Q.100 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:

All malls are halls. All halls are walls. No mall is a fall.

Conclusions:

(I) No hall is a fall.

(II) No wall is a fall.

- 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.



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	27/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 By selling an article at $\frac{4}{13}$ of its marked price, Hitesh incurs a loss of 30%.
If he sells it at 60% of its marked price, then the profit percentage is

Ans ☒ A. 36.5%

☒ B. 39.8%

☒ C. 36.3%

☒ D. 37.8%

Q.2 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
XVW 26 TRS 22 PNO 18 LJK 14 ?

Ans ☒ A. HKO 9

☒ B. HEF 9

☒ C. HGF 10

☒ D. HFG 10

Q.3 This question is based on the five, three-digit numbers given below.
(Left) 235 879 584 635 159 (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 third digit of the highest number is added to the second digit of lowest number?

Ans ☒ A. 17

☒ B. 16

☒ C. 18

☒ D. 14

Q.4 Which gases act as the main greenhouse gases with rising atmospheric concentrations?

Ans ☒ A. Argon, oxygen, nitrogen

☒ B. Carbon dioxide, methane, nitrous oxide

☒ C. Hydrochlorofluorocarbons, argon, oxygen

☒ D. Hydrofluorocarbons, oxygen, nitrogen

Q.5	Simplify $\left(3.6 \div \frac{3}{5}\right) + \left(\frac{7}{3} \times \frac{2.4}{1.4}\right) - \left(\frac{5}{6} + \frac{14}{12}\right)$.
Ans	☒ A. 8 ☐ B. 9 ☐ C. 6 ☐ D. 7
Q.6	The National Legal Services Authority (NALSA) was established under the:
Ans	☒ A. Legal Services Authorities Act, 1987 ☐ B. Legal Aid and Advice Act, 1972 ☐ C. Code of Criminal Procedure, 1973 ☐ D. Advocates Act, 1961
Q.7	What administrative change characterized the political structure of post-Gupta India?
Ans	☐ A. Formation of a central bureaucracy under one emperor ☐ B. Introduction of democratic village assemblies across India ☒ C. Rise of smaller kingdoms under hereditary rulers ☐ D. Replacement of kingship with religious councils
Q.8	Ajay has ₹1404 with him. He divides this amount between his two sons, Prakash and Gopal, and asks them to invest their respective shares at a compound interest rate of 8% per annum, compounded annually. It is observed that Prakash's investment amounts to the same value after 18 years as Gopal's investment does after 19 years. How much (in ₹) did Ajay give to Gopal?
Ans	☐ A. 525 ☒ B. 675 ☐ C. 829 ☐ D. 729
Q.9	Three positive integers, A, B, and C, satisfy the following conditions: $HCF(A,B) = 12$, $HCF(B,C) = 18$, $HCF(A,C) = 6$ and $LCM(A,B,C) = 1080$. If $A = 12x$, $B = 36y$, and $C = 18z$, where x, y, and z are pairwise coprime positive integers, then the minimum possible value of $A + B + C$ is:
Ans	☒ A. 222 ☐ B. 216 ☐ C. 224 ☐ D. 220
Q.10	If a and b, $b > a$, are the roots of the equation $6x^2 + 1x - 2 = 0$, then what is the value of $(2a + 3b)$?
Ans	☐ A. $\frac{1}{8}$ ☐ B. $\frac{4}{13}$ ☒ C. $\frac{1}{6}$ ☐ D. $\frac{3}{2}$

Q.11	The present ages of Ayushi and Anmol are in the ratio of 2 : 3 respectively. After 6 years the ratio of their ages will be 8 : 9. What is the positive difference (in years) in their present ages?
Ans	☒ A. 19
	☒ B. 11
	☒ C. 12
	☒ D. 1
Q.12	In a country with high informal employment and low social protection coverage, which policy is likely to be the most effective in both poverty alleviation and employment formalization?
Ans	☒ A. Expand social insurance to informal sector
	☒ B. Deregulate labor laws
	☒ C. Targeted food subsidies
	☒ D. Universal basic income
Q.13	Refer to the following letter, number and symbol series and answer the question that follows. (NOTE: All numbers are single-digit numbers only.) (Left) H 2 @ Q I 3 L © £ R S 4 4 U © 9 1 W Y % 6 £ (Right) If all the symbols are dropped from the series, which of the following will be fifth from the left?
Ans	☒ A. 3
	☒ B. R
	☒ C. L
	☒ D. I
Q.14	Ms. N. Rajam, who was announced as the Padma Vibhushan awardee in the Padma Awards 2026 for her outstanding contribution to Indian art and culture, is primarily associated with which of the following musical instruments?
Ans	☒ A. Violin
	☒ B. Flute
	☒ C. Sitar
	☒ D. Sarod
Q.15	When was the National Rural Economic Transformation Project (NRETP) launched?
Ans	☒ A. 24th April 2019
	☒ B. 24th April 2020
	☒ C. 24th April 2021
	☒ D. 24th April 2022
Q.16	If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 53764821, what will be the product of the greatest and smallest digit in the new number thus formed?
Ans	☒ A. 16
	☒ B. 18
	☒ C. 8
	☒ D. 0

Q.17	If an Emergency Proclamation is approved only by the Rajya Sabha while the Lok Sabha is dissolved, for how long does the Proclamation remain in force from the first sitting of the newly constituted Lok Sabha?					
Ans	A. 60 days					
	B. 14 days					
	C. 30 days					
	D. 21 days					
Q.18	If the mean of the following data is 35, find the value of X.					
	Class	10-20	20-30	30-40	40-50	50-60
	Frequency	49	33	24	21	X
Ans	A. 48					
	B. 42					
	C. 52					
	D. 55					
Q.19	What should come in place of '?' in the given series?					
	80 55 39 30 26 ?					
Ans	A. 28					
	B. 23					
	C. 26					
	D. 25					
Q.20	Who among the following leaders founded the Indian National Association in 1876?					
Ans	A. Surendranath Banerjee and Ananda Mohan Bose					
	B. Dadabhai Naoroji and Gopal Krishna Gokhale					
	C. Dadabhai Naoroji and Debendranath Tagore					
	D. Bal Gangadhar Tilak and Bipin Chandra Pal					
Q.21	Which of the following nationalists co-founded and became the president of the Congress-Khilafat Swarajya Party, after a fall off with the Indian National Congress?					
Ans	A. Mukhtar Ahmed Ansari					
	B. Ajmal Khan					
	C. Motilal Nehru					
	D. Chittaranjan Das					
Q.22	If A's salary is 126% more than that of B, then by how much percent is B's salary less than that of A (correct to 2 decimal places)?					
Ans	A. 54.74%					
	B. 55.75%					
	C. 56.18%					
	D. 54.65%					
Q.23	Classical dancers Nalini Asthana and Kamalini Asthana received the prestigious Sangeet Natak Akademi Award for the year 2022 for their contribution to which dance form?					
Ans	A. Bharatanatyam					
	B. Odissi					
	C. Kathak					
	D. Kuchipudi					

Q.24	When a Windows computer is in Sleep mode, which common user action will typically bring the system back to an active state?	
Ans	☒ A. Network time sync	
	☒ B. Battery fully drained	
	☒ C. BIOS update	
	☒ D. Moving the mouse	
Q.25	The telegraph cable was laid across the Atlantic Ocean in 1958 for rapid communication between North America and _____.	
Ans	☒ A. West Indies	
	☒ B. Europe	
	☒ C. South Africa	
	☒ D. Latin America	
Q.26	The Right to Property was removed from Part III of the Indian Constitution and added to _____.	
Ans	☒ A. Part XII	
	☒ B. Part X	
	☒ C. Part XIII	
	☒ D. Part XI	
Q.27	Which class of vertebrates possesses cold-blooded characteristics and scaly skin?	
Ans	☒ A. Reptilia	
	☒ B. Mammalia	
	☒ C. Aves	
	☒ D. Amphibia	
Q.28	If the sum of all the external angles of a regular polygon is two-thirds of all its interior angles, then the number of sides of the polygon is equal to:	
Ans	☒ A. 6	
	☒ B. 7	
	☒ C. 4	
	☒ D. 5	
Q.29	What is the atomicity of a molecule of oxygen (O ₂)?	
Ans	☒ A. 1	
	☒ B. 4	
	☒ C. 3	
	☒ D. 2	
Q.30	Right to free and compulsory education for children aged 6–14 years is provided under which Article?	
Ans	☒ A. Article 51A(k)	
	☒ B. Article 45	
	☒ C. Article 21A	
	☒ D. Article 19	

Q.31	Which of the following dance forms is from Uttar Pradesh?
Ans	✗ A. Odissi ✓ B. Kathak ✗ C. Bharatnatyam ✗ D. Manipuri
Q.32	E, F, G, W, X 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 is numbered 6. F lives immediately above G. Only two people live between E and G. E lives on an odd numbered floor. Y lives immediately below W. How many people live between X and W?
Ans	✗ A. One ✓ B. Two ✗ C. Four ✗ D. Three
Q.33	Which date marked World Mental Health Day in 2025, emphasizing access to mental health services during emergencies?
Ans	✓ A. October 10, 2025 ✗ B. July 28, 2025 ✗ C. August 12, 2025 ✗ D. October 24, 2025
Q.34	Let ABC and DEF be two congruent triangles such that $\angle A = \angle D$. If $AC = DF = 6$ cm, and $DE = 5$ cm, then find the length (in cm) of AB.
Ans	✗ A. 6 ✗ B. 8 ✓ C. 5 ✗ D. 10
Q.35	P and Q can complete a piece of work in 14 days and 19 days, respectively. They work on alternate days, beginning with P. The whole work will be completed in:
Ans	✗ A. $14\frac{1}{19}$ days ✓ B. $16\frac{2}{19}$ days ✗ C. $18\frac{3}{19}$ days ✗ D. $12\frac{4}{19}$ days
Q.36	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 5 trees, L, M, N, T and V each having a different height, which tree is the shortest? Statements: (I) V is shorter than N but taller than T. M is taller than T. (II) L is taller than only one tree.
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. 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.37	The population of a village was 2,90,000. It increased by 15% in the first year and increased by 30% in the second year. Its population after two years is _____.
Ans	☒ A. 4,33,550 ☐ B. 3,33,500 ☐ C. 3,77,000 ☐ D. 4,20,500
Q.38	If $A : B = 2 : 3$, $B : C = 4 : 3$ and $C : D = 6 : 7$, then $A : B : C : D$ is:
Ans	☐ A. 16 : 24 : 16 : 21 ☒ B. 16 : 24 : 18 : 21 ☐ C. 14 : 24 : 18 : 21 ☐ D. 16 : 22 : 18 : 21
Q.39	A shopkeeper sold two items for ₹10,000 each. He suffered a loss of 20% on one item and earned 20% profit on the other item. What is his profit or loss percentage in the whole transaction?
Ans	☒ A. 4% loss ☐ B. 3% gain ☐ C. 3% loss ☐ D. 4% gain
Q.40	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. GI-JM ☐ B. HJ-KM ☐ C. MO-PR ☐ D. CE-FH
Q.41	In September 2025, which State Government launched a scheme 'KFC Machinery Loan Scheme for MSMEs' offering loans up to ₹5 crore (without collateral) under certain conditions?
Ans	☐ A. Assam ☐ B. Gujarat ☐ C. Tamil Nadu ☒ D. Kerala
Q.42	A, B, and C run a 1200 m race. A gives to B a headstart of 300 m, and to C a headstart of 600 m. A finishes the race 30 seconds before B and 60 seconds before C. If A's speed is 10 m/s, then find the respective speeds of B and C. [Give your answer in m/s, and round off, wherever necessary, to one place after decimal.]
Ans	☐ A. 7.5 m/s, 2.5 m/s ☒ B. 6 m/s, 3.3 m/s ☐ C. 5.5 m/s, 3 m/s ☐ D. 8.5 m/s, 5 m/s
Q.43	The mean proportional of 18 and 128 is:
Ans	☐ A. 50 ☐ B. 49 ☐ C. 51 ☒ D. 48

Q.44	A person runs a concession stand at a basketball game and sells burgers and soft drinks. Each burger costs ₹15 and each soft drink costs ₹5. At the end, a total of ₹785 is earned by selling a total of 87 burgers and soft drinks combined. How many soft drinks are sold?
Ans	☒ A. 52 ☐ B. 35 ☐ C. 27 ☐ D. 60
Q.45	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. MN-QR ☐ B. FG-IJ ☐ C. CD-FG ☐ D. PQ-ST
Q.46	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 grapes are lemons. No grape is a melon. No melon is a strawberry. Conclusions: (I) No lemon is a melon. (II) No grape is a strawberry.
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.47	Which of the following statements is correct about the literacy of India between 2001 and 2011?
Ans	☒ A. Female literacy has risen faster than male literacy. ☐ B. Male literacy and female literacy have risen parallelly. ☐ C. Male literacy has risen faster than female literacy. ☐ D. Male literacy has declined whereas female literacy has risen.
Q.48	D, E, F, G, S, T and U are sitting around a circular table facing the centre. U sits to the immediate right of G. Only three people sit between U and E when counted from the left of U. Only three people sit between G and T when counted from the left of G. D sits to the immediate right of S. How many people sit between F and S when counted from the left of S?
Ans	☐ A. Three ☒ B. Two ☐ C. Four ☐ D. One
Q.49	100 men have provisions for 27 days. If 25 men have left, for how many days the same provisions would last for the remaining men?
Ans	☐ A. 40 ☐ B. 38 ☐ C. 34 ☒ D. 36

Q.50	'Odia' was given classical language status in which of the following years?
Ans	☒ A. 2012
	☒ B. 2005
	☒ C. 2014
	☒ D. 2010
Q.51	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6587134, which of the following digits will be second from the left end in the new number thus formed?
Ans	☒ A. 4
	☒ B. 8
	☒ C. 6
	☒ D. 5
Q.52	Seven people – H, I, J, K, L, M, and N – attend workshops on different days of the week starting from Monday and ending on Sunday. K's workshop is on Wednesday. Only one person attends between K and M. J attends workshop immediately after M. H attends on one of the days before I but after N. L attends the workshop before J but not on Monday. On which day does H attend the workshop?
Ans	☒ A. Wednesday
	☒ B. Friday
	☒ C. Sunday
	☒ D. Thursday
Q.53	The average of first 13 multiples of 8 is:
Ans	☒ A. 56
	☒ B. 13
	☒ C. 8
	☒ D. 52
Q.54	Sidhu and Kanhu are historically remembered for their leadership in which uprising?
Ans	☒ A. Bastar Rebellion
	☒ B. Santhal Revolt
	☒ C. Koi Revolt
	☒ D. Paralkot Rebellion
Q.55	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 leaves are roots. All roots are flowers. Some flowers are stems. Conclusions: (I) All stems are roots. (II) All flowers are leaves.
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

Q.56	According to the International Renewable Energy Agency's Renewable Energy Statistics 2025, what is India's global rank in renewable energy installed capacity?"	
Ans	☒ A. 9th	
	☒ B. 4th	
	☒ C. 1st	
	☒ D. 6th	
Q.57	MELD is related to QHHA in a certain way based on the English alphabetical order. In the same way, UKDX is related to YNZU. To which of the following is CQVR related to, following the same logic?	
Ans	☒ A. HSQP	
	☒ B. GTRO	
	☒ C. FUSN	
	☒ D. HTSO	
Q.58	What happens to light energy in interference and diffraction?	
Ans	☒ A. It decreases	
	☒ B. It increases	
	☒ C. It is redistributed	
	☒ D. It reduces	
Q.59	Simplify: $\frac{\sqrt[3]{5832}}{\sqrt[4]{256}} \times \frac{2}{54} \times 54$	
Ans	☒ A. 9	
	☒ B. 19	
	☒ C. 13	
	☒ D. 11	
Q.60	At what rate per annum will a sum of money become five times itself in 6 years under simple interest?	
Ans	☒ A. $64\frac{2}{3}\%$	
	☒ B. $66\frac{2}{3}\%$	
	☒ C. $133\frac{1}{3}\%$	
	☒ D. $68\frac{1}{3}\%$	
Q.61	Under which Act were the Environment Audit Rules, 2025, issued on 29-8-2025?	
Ans	☒ A. Environment (Protection) Act, 1986	
	☒ B. Forest Conservation Act, 1980	
	☒ C. Wildlife Protection Act, 1972	
	☒ D. Air (Prevention and Control of Pollution) Act, 1981	
Q.62	Which of the following is NOT a peninsular river?	
Ans	☒ A. Narmada	
	☒ B. Krishna	
	☒ C. Godavari	
	☒ D. Ganga	

Q.63	In 2025, which international organization reclassified India's de facto exchange rate regime from a "stabilised" system to a crawl-like arrangement?	
Ans	☒ A. International Monetary Fund (IMF)	
	☐ B. Asian Development Bank	
	☐ C. World Bank	
	☐ D. Bank for International Settlements	
Q.64	As per the Constitution of India, Article 182 deals with which of the following?	
Ans	☒ A. Chairman and Deputy Chairman of the State Legislative Council	
	☐ B. Disqualification for membership	
	☐ C. Composition of State Legislative Assemblies	
	☐ D. Special address by the Governor	
Q.65	Koli is the dance form of the Koli fishermen community of:	
Ans	☐ A. Bihar	
	☐ B. Odisha	
	☒ C. Maharashtra	
	☐ D. Rajasthan	
Q.66	What should come in place of '?' in the given series? 44 50 62 80 104 ?	
Ans	☐ A. 132	
	☐ B. 136	
	☐ C. 138	
	☒ D. 134	
Q.67	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 :: ? # : XHP :: UEM : %	
Ans	☐ A. # = NXF % = EKW	
	☐ B. # = NOF % = EOW	
	☐ C. # = NXF % = EOO	
	☒ D. # = NXF % = EOW	
Q.68	_____ is measured using the unit "quintal".	
Ans	☒ A. Weight	
	☐ B. Temperature	
	☐ C. Length	
	☐ D. Volume	
Q.69	Two trains running in opposite directions at 40 km/hr and 52 km/hr cross each other in 18 seconds . If one train is 250 m long, then find the length of the other train.	
Ans	☐ A. 190 m	
	☐ B. 220 m	
	☐ C. 200 m	
	☒ D. 210 m	

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 :: ? # : NSO :: SXT : %	
Ans	☒ A. # = PUQ , % = QVR ☐ B. # = PUR , % = QVS ☐ C. # = PUQ , % = QVS ☐ D. # = PUQ , % = QWS	
Q.71	This question is based on the five, three-digit numbers given below. (Left) 571 769 642 598 796 (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. 13 ☐ B. 11 ☐ C. 16 ☐ D. 10	
Q.72	Which shortcut is used to undo the last action?	
Ans	☐ A. Ctrl+E ☐ B. Ctrl+X ☐ C. Ctrl+U ☒ D. Ctrl+Z	
Q.73	What was a major administrative feature in the military governance system of early South Indian kingdoms, such as the Chalukyas and Rashtrakutas?	
Ans	☒ A. Feudatory chiefs were assigned military and administrative duties ☐ B. Temple authorities directly recruited soldiers for village defence ☐ C. District leaders were rotated annually by royal decree ☐ D. Military governance was entirely centralised under the royal council	
Q.74	12 is related to 63 following a certain logic. Following the same logic, 21 is related to 108. 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 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. 103 ☒ B. 133 ☐ C. 116 ☐ D. 127	
Q.75	Find the value of y , satisfying $26 \times 5 \times 715 \div \sqrt{3025} = y + 913$	
Ans	☒ A. 777 ☐ B. 772 ☐ C. 771 ☐ D. 780	

Q.76	Shivani walks 7 km towards East from Point C. She then turns left and walks 4 km. After that, she takes a right turn and walks 6 km. Then, she turns right again and walks 4 km. Finally, she takes a left turn and walks 7 km to reach Point J. How far and in which direction is Point J from Point C ? (All turns are 90-degree turns only, unless specified.)
Ans	✓ A. 20 km, east ✗ B. 18 km, west ✗ C. 21 km, north ✗ D. 24 km, west
Q.77	Which among the following commissions in India has submitted a report titled 'Right to Information: Master Key to Good Governance'?
Ans	✓ A. Administrative Reforms Commission (ARC) - 1 ✗ B. Sakaria Commission ✗ C. Punchhi Commission ✗ D. Administrative Reforms Commission (ARC) - 2
Q.78	India signed a 10-year Defence Framework Agreement in 2025 with which country during a meeting held on the sidelines of the ASEAN–India Defence Ministers' Informal Meeting in Kuala Lumpur?
Ans	✗ A. Japan ✗ B. Australia ✗ C. Malaysia ✓ D. United States of America
Q.79	According to the World Meteorological Organization (WMO), 2025, reporting based on 2023 data, which greenhouse gas/gases reached 151% of its/their pre-industrial concentration?
Ans	✗ A. Hydrochlorofluorocarbons ✓ B. Carbon dioxide ✗ C. Methane ✗ D. Nitrous oxide
Q.80	In which year was the report of Methodology for Measurement of Poverty in India submitted by the Dr. C Rangarajan Committee?
Ans	✗ A. 2008 ✓ B. 2014 ✗ C. 2010 ✗ D. 2017
Q.81	In an isosceles triangle ABC, the equal sides AB and AC are each 10 cm, and the base BC is 12 cm. Find the area of the triangle.
Ans	✗ A. 40 cm² ✗ B. 45 cm² ✓ C. 48 cm² ✗ D. 36 cm²
Q.82	What does the Environment Audit Rules, 2025, aim to establish across India?
Ans	✗ A. A new environmental tax system ✗ B. A water conservation campaign ✓ C. A framework for environmental accountability ✗ D. A national reforestation program

Q.83	There are 85 members in group A, 23 members in group B and 42 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹407, ₹365 and ₹280, respectively. The overall average amount (in ₹) spent per member is:
Ans	☐ A. 362
	☐ B. 363
	☐ C. 368
	☒ D. 365
Q.84	C is the son of F. F is the sister of E. E is the son of G. G is the husband of H. How is C related to H?
Ans	☐ A. Son's wife's brother
	☐ B. Son's son
	☐ C. Daughter's husband
	☒ D. Daughter's son
Q.85	In a certain code language, A + B means 'A is the daughter of B' A – B means 'A is the brother of B' A x 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 J if 'D – F + G x H ÷ J'?
Ans	☐ A. Father
	☐ B. Son
	☐ C. Husband
	☒ D. Brother
Q.86	The ages (in years) of patients in a clinic are recorded as follows: 15 , 18 , 21 , 21 , 23 , 25 , 28 , 30 , 35 , 40 , 45 , 50 , 55. Calculate the difference between the median age now and after removing the oldest patient (55 years) from the data set.
Ans	☐ A. 1.75 years
	☒ B. 1.5 years
	☐ C. 2.5 years
	☐ D. 1.25 years
Q.87	If $x^4 = 322 - \frac{1}{x^4}$ and $x \geq 1$, then the value of $x^3 - \frac{1}{x^3}$ is:
Ans	☒ A. 76
	☐ B. 72
	☐ C. 64
	☐ D. 62
Q.88	A 24 m long ladder is leaning against a wall. If the ladder makes an angle of 30° with the wall, what is the distance (in m) of the foot of the ladder from the wall?
Ans	☒ A. 12
	☐ B. $12\sqrt{2}$
	☐ C. $12\sqrt{3}$
	☐ D. $\frac{12}{\sqrt{3}}$

Q.89	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 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) 19, 78 24, 98	
Ans	☒ A. 26, 112	
	☒ B. 26, 110	
	☒ C. 27, 112	
	☒ D. 27, 110	
Q.90	Movie studios use powerful computers to create special effects and animations. This is an application of computers in:	
Ans	☒ A. Accounting	
	☒ B. Scientific research only	
	☒ C. Entertainment	
	☒ D. Banking	
Q.91	Seven people F, G, H, I, U, V, and W are sitting around a circular table facing the centre of the table. U sits second to the right of H. Only one person sits between U and W. Only one person sits between H and F. Only two people sit between V and W. Only one person sits between G and F. Who sits fourth to the right of I?	
Ans	☒ A. V	
	☒ B. W	
	☒ C. G	
	☒ D. U	
Q.92	48 is related to 192 following a certain logic. Following the same logic, 52 is related to 208. To which of the following is 61 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. 244	
	☒ B. 234	
	☒ C. 254	
	☒ D. 264	
Q.93	Seven boxes P, Q, R, S, T, U and V are kept one over the other but not necessarily in the same order. Q is kept immediately above P. S is kept immediately above V. Only R is kept above U. Only two boxes are kept above Q. S is not kept at third position from the bottom. How many boxes are kept between R and T?	
Ans	☒ A. 3	
	☒ B. 2	
	☒ C. 4	
	☒ D. 1	
Q.94	In a certain code language, 'KITE' is coded as '5871' and 'TIME' is coded as '7853'. What is the code for 'M' in the given code language?	
Ans	☒ A. 3	
	☒ B. 8	
	☒ C. 5	
	☒ D. 7	

Q.95	System Software such as the Operating System is primarily designed to manage and coordinate the flow of data and instructions between the hardware and software, acting as the system's core _____.
Ans	☒ A. application logic ☒ B. peripheral device ☒ C. utility service ☒ D. resource manager
Q.96	The radius of a right circular cone is increased by 8% and slant height is decreased by 15%. Find the percentage change in curved surface area of the cone.
Ans	☒ A. decreases by 8.2% ☒ B. increases by 7% ☒ C. decreases by 11.5% ☒ D. decreases by 7%
Q.97	Recently appointed as CEO of Qatar Airways (December 2025), who is the new head of this major global airline?
Ans	☒ A. Sheikh Mohammed bin Abdulrahman Al Thani ☒ B. Engr. Badr Mohammed Al-Meer ☒ C. Mohamed bin Rashid Al Maktoum ☒ D. Hamad Ali Al-Khater
Q.98	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? AZA 27 XWX 36 UTU 45 RQR 54 ?
Ans	☒ A. OMN 62 ☒ B. ONO 63 ☒ C. OTZ 62 ☒ D. OON 63
Q.99	A trader marks an article at a certain price and offers a 20% discount on it. Additionally, for every 120 articles purchased, he gives 3 more articles free of cost. If his overall profit on the transaction is 28%, find the percentage by which the marked price of an article exceeds its cost price. Assume the customer pays for only 120 articles.
Ans	☒ A. 64% ☒ B. 68% ☒ C. 72% ☒ D. 60%
Q.100	In a certain code language, 'TIME' is coded as '3519' and 'EARS' is coded as '6894'. What is the code for 'E' in that language?
Ans	☒ A. 4 ☒ B. 6 ☒ C. 8 ☒ D. 9



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	27/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 In which district of Gujarat is the Harappan archaeological site of Dholavira, recognized as a UNESCO World Heritage Site, situated?

- Ans**
- ☒ A. Patan District
 - ☒ B. Kutch District
 - ☒ C. Banaskantha District
 - ☒ D. Jamnagar District

Q.2 In a certain code language, 'CAST' is coded as '3519' and 'SIDE' is coded as '8645'. What is the code for 'S' in that language?

- Ans**
- ☒ A. 8
 - ☒ B. 5
 - ☒ C. 1
 - ☒ D. 6

Q.3 A researcher calculates the final performance score of students based on two components:
Assignments (weight 40%)
Exams (weight 60%)
A student scores:
75 in assignments
85 in exams
What is the student's weighted arithmetic mean score?

- Ans**
- ☒ A. 80
 - ☒ B. 82
 - ☒ C. 83
 - ☒ D. 81

Q.4 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
MPW 30 HKR 25 CFM 20 XAH 15 ?

- Ans**
- ☒ A. BYM 13
 - ☒ B. DLV 12
 - ☒ C. SVC 10
 - ☒ D. ZKE 12

Q.5 Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete?
HAK 8, GYH 11, FWE 14, EUB 17, ?

- Ans**
- ☐ A. DTA 21
 - ☒ B. DSY 20
 - ☐ C. DSX 20
 - ☐ D. CSZ 20

Q.6 Which coastal region of India is associated with the Vembanad Lagoon being separated from the Arabian Sea by narrow barrier islands?

- Ans**
- ☐ A. Northern Circar
 - ☐ B. Konkan Coast
 - ☐ C. Coromandal Coast
 - ☒ D. Malabar Coast

Q.7 A, B, C, 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. C lives on an even-numbered floor but not 6. The sum of the floors on which F and C live is 7. B lives immediately above E. The sum of the floors on which C and D live is 3. How many people live above B?

- Ans**
- ☐ A. Three
 - ☒ B. Two
 - ☐ C. One
 - ☐ D. Four

Q.8 Which missile system successfully completed User Evaluation Trials conducted by the Defence Research and Development Organisation in 2025, marking a major boost to India's defence preparedness?

- Ans**
- ☐ A. Astra beyond-visual-range air-to-air missile system
 - ☐ B. BrahMos extended-range cruise missile system
 - ☒ C. Akash Next Generation (Akash-NG) missile system
 - ☐ D. Prithvi-II short-range ballistic missile system

Q.9 In 2025, who was awarded the Nobel Peace Prize for her fearless advocacy of democracy, free elections, and peaceful transition from authoritarian rule in Venezuela?

- Ans**
- ☒ A. Maria Corina Machado
 - ☐ B. Juan Guaidó
 - ☐ C. Leopoldo López
 - ☐ D. Michelle Bachelet

Q.10 Who won a silver medal in shooting at the 2004 Athens Olympics, India's first individual Olympic silver?

- Ans**
- ☒ A. Rajyavardhan Singh Rathore
 - ☐ B. Rajendra Singh Shekhawat
 - ☐ C. Sushil Kumar Panady
 - ☐ D. Abhinav Bindra

Q.11 Amit invested an equal sum of money in both simple interest and compound interest, compounded annually schemes. The time period for both investments was 2 years, and the rate of interest was 4% per annum. At the end of 2 years, he noticed that the interest earned from compound interest exceeded that from simple interest by ₹58. What was the principal amount invested under compound interest?

- Ans**
- ☒ A. 36250
 - ☐ B. 35500
 - ☐ C. 35350
 - ☐ D. 36600

Q.12 The sum of all the interior angles of a regular polygon is 2520° . Find the measure of each of its exterior angles.

- Ans
- ☐ A. 26°
 - ☒ B. 22.5°
 - ☐ C. 25.75°
 - ☐ D. 22°

Q.13 In a certain code language,
A + B means 'A is the mother of B'
A – B means 'A is the brother of B'
A x 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'

Based on the above, how is V related to L if 'L % R – K + V # E'?

- Ans
- ☐ A. Sister's son
 - ☐ B. Wife's father
 - ☒ C. Daughter's daughter
 - ☐ D. Mother's brother

Q.14 Identify an example of a curved mirror.

- Ans
- ☐ A. Wooden spatula
 - ☐ B. Ladle
 - ☒ C. Shining spoon
 - ☐ D. Prism

Q.15 Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)
(Left) # \$ Ω 2 1 @ 4 & ~ % 8 6 9 + 5 ? £ 3 7 * = (Right)
How many such symbols are there, each of which is immediately preceded by an odd number but not immediately followed by an even number?

- Ans
- ☐ A. One
 - ☐ B. Two
 - ☒ C. Three
 - ☐ D. None

Q.16 If $16\% \text{ of } 50 - \frac{4}{5} \times \sqrt[3]{729} \times \sqrt{25} = y$, then the value of y is

- Ans
- ☐ A. -23
 - ☐ B. -19
 - ☒ C. -28
 - ☐ D. -29

Q.17 Who released the book 'The Emergency Diaries-Years that Forged a Leader' in June 2025?

- Ans
- ☐ A. Indira Gandhi
 - ☒ B. Amit Shah
 - ☐ C. Narendra Modi
 - ☐ D. Ashvini Vaishnav

Q.18 Port Victoria, where the First Training Squadron completed its visit, serves as the capital port of which African island nation?

- Ans**
- ☒ A. Comoros
 - ☒ B. Seychelles
 - ☒ C. Mauritius
 - ☒ D. Madagascar

Q.19 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 5 trees, L, M, N, T and V each having a different height, which tree is the tallest?

Statements:

(I) M is taller than only two trees. T is immediately taller than N.

(II) V is taller than N.

- 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.20 Select the triads which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

AGED-DAGE-EDAG

FAIL-LFAI-ILFA

- Ans**
- ☒ A. FARM-MFAR-FMRA
 - ☒ B. KING-GKIN-NGKI
 - ☒ C. DEAL-LAED-ALDE
 - ☒ D. GIFT-TIGF-FITG

Q.21 As of March 31, 2025, the length of National Highways in India was reported to be:

- Ans**
- ☒ A. 1,75,123 km
 - ☒ B. 1,20,076 km
 - ☒ C. 91,287 km
 - ☒ D. 1,46,204 km

Q.22 Which pollutant(s) contribute(s) to both ozone and peroxyacetyl nitrate formation in urban atmospheres under sunlight?

- Ans**
- ☒ A. Nitrogen dioxide
 - ☒ B. Hydrocarbons
 - ☒ C. Sulphur dioxide
 - ☒ D. Carbon monoxide

Q.23 What is the primary role of decomposers in an ecosystem?

- Ans**
- ☒ A. Capture sunlight for energy
 - ☒ B. Produce oxygen
 - ☒ C. Act as primary consumers
 - ☒ D. Break down organic matter

Q.24 A boat travels 36 km downstream and 24 km upstream, taking a total of 6 hours. If the speed of the stream is 2 km/h, the time taken (in hours) for each journey, respectively, is:

- Ans
- ☒ A. (3.0 and 3.0)
 - ☐ B. (3.2 and 2.8)
 - ☐ C. (3.4 and 2.6)
 - ☐ D. (3.6 and 2.4)

Q.25 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 5 / 9 9 / + 7 * # 6 9 6 @ + 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. One
 - ☐ B. None
 - ☐ C. Two
 - ☐ D. Three

Q.26 Select the triad which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
CLAP-APCL-ACPL
DIRT-RTDI-RDTI

- Ans
- ☐ A. MEAT-ATME-TMAE
 - ☐ B. HAIL-LAIH-HIAL
 - ☐ C. MADE-DEAM-MAED
 - ☒ D. LION-ONLI-OLNI

Q.27 A, B, and C can complete a task in 12 days, 15 days, and 18 days, respectively. B works every day and A and C work on alternate days, beginning with C on the first day. How many days will it take to do the task?

- Ans
- ☐ A. $7\frac{17}{27}$
 - ☐ B. $7\frac{7}{27}$
 - ☐ C. $7\frac{5}{27}$
 - ☒ D. $7\frac{11}{27}$

Q.28 P sells an item to Q at 53% profit. Q sells the same item to R at 68% loss. If R paid ₹ 3060 for the item, then at what price (in ₹) is the item purchased by P?

- Ans
- ☒ A. 6250
 - ☐ B. 6247
 - ☐ C. 6252
 - ☐ D. 6253

Q.29 If $\operatorname{cosec} A = \frac{5}{4}$, then find the value of $4\cot A \sec A + 3$.

- Ans
- ☐ A. 6
 - ☒ B. 8
 - ☐ C. 3
 - ☐ D. 5

Q.30 Which of the following statements is INCORRECT about the newspaper “The Hitavada”?

- Ans**
- ☐ A. It was established at Nagpur in 1911
 - ☐ B. It was an English daily newspaper
 - ☒ C. It was the mouthpiece of the Ghadar movement
 - ☐ D. It was founded by Gopal Krishna Gokhale

Q.31 A, B, C, 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 is numbered 6. Only four people live between C and D. F lives on an even numbered floor but not on floor number 2. E lives immediately below B but above C. How many people live above A?

- Ans**
- ☐ A. Four
 - ☐ B. Three
 - ☒ C. One
 - ☐ D. Five

Q.32 What is the primary function of the keyboard shortcut Alt + F4 in Windows?

- Ans**
- ☐ A. To open File Explorer
 - ☐ B. To minimize the active window
 - ☐ C. To switch between open applications
 - ☒ D. To close the active window

Q.33 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 pillows are blankets. Some blankets are quilts. Some quilts are curtains.

Conclusions:

- (I) Some pillows are quilts.
(II) Some blankets are curtains.

- 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.34 Which of the following states finished as the overall champions of the Khelo India Beach Games 2026, held in the Union Territory of Diu, by leading the medal tally with 11 awards?

- Ans**
- ☐ A. Maharashtra
 - ☐ B. Goa
 - ☐ C. Tamil Nadu
 - ☒ D. Karnataka

Q.35 What should come in place of ‘?’ in the given series?

91 90 86 77 61 ?

- Ans**
- ☒ A. 36
 - ☐ B. 41
 - ☐ C. 40
 - ☐ D. 39

Q.36 If (5, 5) are the coordinates of the geometric centre of a triangle whose vertices are (9, 5), (4 ,p) and (q ,4), then find the values for p and q, respectively.

- Ans**
- ☐ A. 4 , 3
 - ☐ B. 3 , 4
 - ☒ C. 6 , 2
 - ☐ D. 2 , 6

Q.37 The 74th Constitutional Amendment Act, 1992, entrusted the Municipalities with _____ functional domains under the Twelfth Schedule of the Constitution.

- Ans**
- ☒ A. 18
 - ☐ B. 10
 - ☐ C. 9
 - ☐ D. 20

Q.38 Which of the following materials is a good conductor of electricity?

- Ans**
- ☐ A. Rubber
 - ☐ B. Glass
 - ☒ C. Copper
 - ☐ D. Wood

Q.39 Which of the following pairs is INCORRECTLY matched?

- Ans**
- ☐ A. 1928 – Bardoli Satyagraha
 - ☒ B. 1929 – Gandhi–Irwin Pact
 - ☐ C. 1918 – Kheda Satyagraha
 - ☐ D. 1917 – Champaran Satyagraha

Q.40 If $3 : 27 :: 5.6 : x$ and $5 : 35 :: 6 : y$, then what is the ratio of x to y?

- Ans**
- ☐ A. 7 : 3
 - ☒ B. 6 : 5
 - ☐ C. 4 : 6
 - ☐ D. 11 : 15

Q.41 Eight years ago from now, the average age of A and B was 24 years. The average age of A, B and C today is 32 years. How old will C be after 16 years from now?

- Ans**
- ☐ A. 80 years
 - ☐ B. 56 years
 - ☒ C. 48 years
 - ☐ D. 40 years

Q.42 In October 2025, the broad-daylight heist involving the theft of royal jewellery from the Louvre Museum occurred in which country?

- Ans**
- ☐ A. Belgium
 - ☐ B. Spain
 - ☐ C. Italy
 - ☒ D. France

Q.43 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.)

(11,18,65)
(5,1,8)

- Ans**
- ☒ A. (25,5,70)
 - ☒ B. (7,12,43)
 - ☒ C. (82,24,74)
 - ☒ D. (33,23,72)

Q.44 Seven people, B, C, O, P, Q, R and S, are sitting in a straight line, facing north. Only four people sit to the left of B. R sits immediately to the left of Q. Only three people sit between B and C. Both P and O are immediate neighbors of S. P sits immediately to the right of C. How many people sit to the left of O?

- Ans**
- ☒ A. One
 - ☒ B. Three
 - ☒ C. Two
 - ☒ D. Zero

Q.45 The ratio of the sum of odd positive integers from 1 to 100 to the sum of even positive integers from 150 to 200 is:

- Ans**
- ☒ A. 50:71
 - ☒ B. 50:81
 - ☒ C. 50:91
 - ☒ D. 50:101

Q.46 Mayilattam is the traditional religious dance performed by the female dancers in Kerala and _____.

- Ans**
- ☒ A. Tamil Nadu
 - ☒ B. Telangana
 - ☒ C. Karnataka
 - ☒ D. Maharashtra

Q.47 How does higher soil moisture retention in black soils influence cropping intensity in regions like Maharashtra and Madhya Pradesh?

- Ans**
- ☒ A. It supports multiple cropping cycles by sustaining moisture across seasons
 - ☒ B. It encourages plantation crops over food grains due to deep root support
 - ☒ C. It limits cropping to a single season to prevent waterlogging
 - ☒ D. It reduces the need for crop rotation due to stable nutrient levels

Q.48 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 man out is not based on the number of consonants/vowels or their position in the letter cluster)

- Ans**
- ☒ A. GKN
 - ☒ B. DHL
 - ☒ C. TXA
 - ☒ D. WAD

Q.49 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. G sits third to the left of H. V sits third to the left of I. F sits to the immediate right of I. F sits second to the left of G. X is not an immediate neighbour of V. Who sits fourth to the right of W?

- Ans**
- ☒ A. X
 - ☐ B. G
 - ☐ C. F
 - ☐ D. V

Q.50 Which of the following rivers of India forms a delta on the eastern coastal plains?

- Ans**
- ☐ A. Tapi
 - ☒ B. Godavari
 - ☐ C. Narmada
 - ☐ D. Mahi

Q.51 Which of the following temples is an example of Dravidian architecture?

- Ans**
- ☒ A. Meenakshi Temple, Madurai
 - ☐ B. Kandariya Mahadeva Temple, Madhya Pradesh
 - ☐ C. Lingaraja Temple, Bhubaneswar
 - ☐ D. Sun Temple, Konark

Q.52 In a certain code language, 'MELT' is coded as '5431' and 'TIME' is coded as '7153'. What is the code for 'I' in the given code language?

- Ans**
- ☐ A. 1
 - ☐ B. 5
 - ☐ C. 3
 - ☒ D. 7

Q.53 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 rats are moles. No mole is a frog. No mole is a donkey.

Conclusions:

(I) No rat is a frog.

(II) Some donkeys are frogs.

- 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.54 Which Shaka ruler is credited with repairing the Sudarshana Lake without imposing any tax?

- Ans**
- ☒ A. Rudradaman
 - ☐ B. Kanishka
 - ☐ C. Nahapana
 - ☐ D. Harsha

Q.55 Which Article of the Indian Constitution mandates regular elections to the board of Co-operative Societies?

- Ans**
- ☐ A. Article 243ZI
 - ☐ B. Article 243ZL
 - ☐ C. Article 243ZG
 - ☒ D. Article 243ZK

Q.56 Chetan starts from Point A and drives 25 km towards south. He then takes a left turn, drives 22 km, turns left and drives 10 km. He then takes a left turn and drives 10 km. He takes a final right 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. 10 km towards east
 - ☒ B. 12 km towards west
 - ☐ C. 25 km towards south
 - ☐ D. 22 km towards north

Q.57 The monthly incomes of two friends Ajay and Amit, are in the ratio 6 : 7 respectively and each of them saves ₹63,000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Ajay (in ₹).

- Ans**
- ☐ A. 74,600
 - ☐ B. 1,05,840
 - ☐ C. 76,600
 - ☒ D. 75,600

Q.58 If $4a^2 + 9b^2 = 49$ and $ab = 6$, then find the positive value of $2a + 3b$.

- Ans**
- ☐ A. 9
 - ☐ B. 15
 - ☒ C. 11
 - ☐ D. 13

Q.59 If a 7-digit number 65770A4 is completely divisible by 4, what is the minimum value of A?

- Ans**
- ☐ A. 3
 - ☒ B. 0
 - ☐ C. 4
 - ☐ D. 2

Q.60 Which of the following statements is INCORRECT about functions of the Natural environment?

- Ans**
- ☒ A. Environment does not provide aesthetic services.
 - ☐ B. Environment supplies resources.
 - ☐ C. The environment sustains life by providing genetics and biodiversity.
 - ☐ D. Environment assimilates waste.

Q.61 Evaluate: $16 + 20 \div 4 - 3 \times 3$

- Ans**
- ☐ A. 14
 - ☒ B. 12
 - ☐ C. 11
 - ☐ D. 15

Q.62 As of December 2025, under the Pradhan Mantri Awas Yojana – Gramin (PMAY-G), what is the minimum size required for a house unit provided to beneficiaries?

- Ans
- ☐ A. 15 sq. m
 - ☒ B. 25 sq. m
 - ☐ C. 35 sq. m
 - ☐ D. 20 sq. m

Q.63 A right circular cone has a radius of 7 cm. Its slant height is 25 cm. What is the total surface area of the cone? (Use $\pi = 22/7$)

- Ans
- ☐ A. 686 cm^2
 - ☒ B. 704 cm^2
 - ☐ C. 792 cm^2
 - ☐ D. 814 cm^2

Q.64 Meenakshi and Meena invest in a business in the ratio 12 : 32. If total profit is ₹2,904, then what is difference between the profit (in ₹) of Meenakshi and Meena?

- Ans
- ☒ A. ₹1,320
 - ☐ B. ₹1,470
 - ☐ C. ₹1,220
 - ☐ D. ₹1,270

Q.65 What is one way to monitor the real-time flow of activities on a Windows computer?

- Ans
- ☐ A. By checking system performance in the Settings app
 - ☒ B. By using Task Manager
 - ☐ C. By analyzing processes through File Explorer
 - ☐ D. By viewing notifications in the Action Center

Q.66 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. FCG
 - ☐ B. PMQ
 - ☐ C. URV
 - ☒ D. RPT

Q.67 Three solid cubes whose edges measure 1 cm, 6 cm, and 8 cm, respectively, are melted and recast into a single cube. What is the length (in cm) of the diagonal of the cube?

- Ans
- ☒ A. $9\sqrt{3}$
 - ☐ B. $8\sqrt{2}$
 - ☐ C. $9\sqrt{2}$
 - ☐ D. $8\sqrt{3}$

Q.68 Two taps can fill a cistern in 4 hours and 26 hours respectively. A third tap can empty it in 26 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

- Ans
- ☐ A. 2
 - ☒ B. 1
 - ☐ C. 4
 - ☐ D. 3

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 x 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 J if 'D + F - G x H ÷ J'?

- Ans
- ☒ A. Mother's brother's wife
 - ☒ B. Mother's brother's daughter
 - ☒ C. Father's brother's daughter
 - ☒ D. Father's brother's wife

Q.70 The least common multiple of 64, 128 and A is 4480. The difference between the maximum and minimum possible values of A is:

- Ans
- ☒ A. 5444
 - ☒ B. 4454
 - ☒ C. 4544
 - ☒ D. 4445

Q.71 Which Windows component helps users to install, remove, or manage software?

- Ans
- ☒ A. Control panel
 - ☒ B. File Explorer
 - ☒ C. Recycle Bin
 - ☒ D. Task Bar

Q.72 At what rate per annum will a sum of money become five times itself in 9 years under simple interest?

- Ans
- ☒ A. $46\frac{8}{9}\%$
 - ☒ B. $88\frac{8}{9}\%$
 - ☒ C. $44\frac{4}{9}\%$
 - ☒ D. $42\frac{4}{9}\%$

Q.73 If the quadratic equation $x^2 - (2+h)x + h^2 - 4h + 4 = 0$ has identical roots, then what are the possible values of h?

- Ans
- ☒ A. $h = -1, h = -\frac{1}{2}$
 - ☒ B. $h = -\frac{2}{3}, h = 6$
 - ☒ C. $h = \frac{2}{3}, h = 6$
 - ☒ D. $h = 0, h = -1$

Q.74 There are 25 members in group A, 32 members in group B and 31 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹101, ₹249 and ₹269, respectively. The overall average amount (in ₹) spent per member is:

- Ans
- ☒ A. 216
 - ☒ B. 219
 - ☒ C. 214
 - ☒ D. 215

Q.75 As part of a longstanding defence relationship, India participated in the Zapad-2025 military exercise with which country in September 2025?

- Ans**
- ☒ A. Russia
 - ☐ B. France
 - ☐ C. USA
 - ☐ D. China

Q.76 Identify the tertiary activity from among the following.

- Ans**
- ☒ A. Real estate
 - ☐ B. Biotechnology
 - ☐ C. Construction industry
 - ☐ D. Drink industry

Q.77 The selling price of 25 books is equal to the cost price of 19 books. Find the loss or gain percentage.

- Ans**
- ☐ A. 24% gain
 - ☐ B. $\frac{100}{6}\%$ gain
 - ☒ C. 24% loss
 - ☐ D. $\frac{100}{6}\%$ loss

Q.78 Each of the digits in the number 9237561 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. Two
 - ☐ B. Four
 - ☐ C. Three
 - ☐ D. One

Q.79 The average of first 13 multiples of 9 is:

- Ans**
- ☐ A. 13
 - ☐ B. 58.5
 - ☐ C. 9
 - ☒ D. 63

Q.80 What should come in place of '?' in the given series?

82 80 77 72 65 ?

- Ans**
- ☐ A. 56
 - ☐ B. 53
 - ☒ C. 54
 - ☐ D. 55

Q.81 Consider the following statements regarding the Finance Commission.

1. It is a quasi-judicial body.
 2. It is related to Article 280.
 3. It is constituted by the President.
 4. It is constituted after each 6 years.
- Which of the above statements is/are correct.

- Ans**
- ☐ A. Only 4
 - ☐ B. 2 and 3 only
 - ☐ C. 1 and 2 only
 - ☒ D. 1, 2, and 3 only

Q.82 According to the Finance Commission (Miscellaneous Provisions) Act, 1951, the Finance Commission shall consist of:

- Ans**
- ☐ A. A Chairman and two other members
 - ☐ B. A Chairman and eight other members
 - ☐ C. A Chairman and six other members
 - ☒ D. A Chairman and four other members

Q.83 X, Y, Z, 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, number 2, and so on till the topmost floor is numbered 6. U lives on floor number 4. Only two people live between U and Z. Only T lives between U and Y. X lives immediately below U. Who lives on floor number 5?

- Ans**
- ☐ A. Y
 - ☐ B. X
 - ☐ C. S
 - ☒ D. T

Q.84 Which Article of the Indian Constitution obligates the State to secure equal pay for men and women doing comparable work?

- Ans**
- ☐ A. Article 47(a)
 - ☒ B. Article 39(d)
 - ☐ C. Article 38(1)
 - ☐ D. Article 42

Q.85 Which central government scheme is primarily aimed at providing road connectivity to rural and remote areas in India?

- Ans**
- ☒ A. Pradhan Mantri Gram Sadak Yojana
 - ☐ B. Setu Bharatam Scheme
 - ☐ C. Bharatmala Pariyojana
 - ☐ D. Rural Infrastructure Development Fund

Q.86 If A's salary is 143% more than that of B, then how much percent is B's salary less than that of A (correct to 2 decimal places)?

- Ans**
- ☐ A. 61.92%
 - ☐ B. 59.64%
 - ☐ C. 56.62%
 - ☒ D. 58.85%

Q.87 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	24	29	26	35	20	23	10

- Ans**
- ☒ A. 53.75
 - ☐ B. 55.75
 - ☐ C. 51.75
 - ☐ D. 57.75

Q.88 A boat takes 8 hours to row 72 km downstream and 12 hours to row the same distance upstream. Find the boat's rate in still water and the rate of current, respectively.

- Ans**
- ☒ A. 7.5 km/hr and 1.5 km/hr
 - ☐ B. 8.5 km/hr and 2.5 km/hr
 - ☐ C. 6.5 km/hr and 0.5 km/hr
 - ☐ D. 9.5 km/hr and 3.5 km/hr

Q.89 According to Joule's law of heating, the heat produced in a resistor is _____.

- Ans**
- ☒ A. directly proportional to the square of current
 - ☐ B. directly proportional to the square of resistance
 - ☐ C. inversely proportional to the square of resistance
 - ☐ D. inversely proportional to the square of current

Q.90 Which of the following folk songs is specifically associated with Haryana?

- Ans**
- ☒ A. Ragini
 - ☐ B. Bhatiali
 - ☐ C. Mand
 - ☐ D. Gulraj

Q.91 5 is related to 120 following a certain logic. Following the same logic, 4 is related to 96. To which of the following is 6 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. 150
 - ☐ B. 121
 - ☐ C. 169
 - ☒ D. 144

Q.92 Refer to the given letter and symbol series and answer the question that follows.
Counting to be done from left to right only.

(Left) C S L Q P Q L C E * / M H W J A N W \$ J Z (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. None
 - ☐ B. Three
 - ☒ C. One
 - ☐ D. Two

Q.93 The Poligar Rebellion took place in which part of India?

- Ans**
- ☒ A. Tamil Nadu
 - ☐ B. Maharashtra
 - ☐ C. Bengal
 - ☐ D. Punjab

Q.94 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7843156, which of the following digits will be fourth from the left in the new number thus formed?

- Ans**
- ☒ A. 4
 - ☐ B. 5
 - ☐ C. 3
 - ☐ D. 7

Q.95 A dealer buys two articles X and Y for ₹2300 each. He marks each of them at the same price. He sells X by giving two successive discounts of 46% and 68% and still earns ₹460 as profit. If he sells Y at a single discount of 73%, then what is the profit percentage on Y?

- Ans**
- ✓ A. 87.5%
 - ✗ B. 87%
 - ✗ C. 86.5%
 - ✗ D. 86%

Q.96 What additional species (apart from cheetahs) were released into the wild during the announcement of the third cheetah habitat at Nauradehi in October 2025?

- Ans**
- ✗ A. Tigers
 - ✗ B. Indian rhinoceros
 - ✗ C. Leopards
 - ✓ D. Crocodiles

Q.97 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.)

(18, 20, 2)
(47, 48, 1)

- Ans**
- ✗ A. (36, 44, 5)
 - ✗ B. (3, 22, 16)
 - ✗ C. (25, 43, 15)
 - ✓ D. (27, 45, 18)

Q.98 In what way does the Union Cabinet differ from other government committees?

- Ans**
- ✗ A. It functions independently of the Prime Minister
 - ✓ B. It serves as the supreme decision-making body of the executive branch
 - ✗ C. It is elected by the public
 - ✗ D. It includes members of the judiciary

Q.99 Who is responsible for loading the operating system into memory during the booting process?

- Ans**
- ✗ A. ROM
 - ✗ B. CPU
 - ✗ C. RAM
 - ✓ D. BIOS

Q.100 LINO is related to PKRQ in a certain way based on the English alphabetical order. In the same way, BQDW is related to FSHY. To which of the following options is NWPC related to, following the same logic?

- Ans**
- ✗ A. RITE
 - ✗ B. REJI
 - ✓ C. RYTE
 - ✗ D. REWQ



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	27/03/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC GRADUATE CBT 1

* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC GRADUATE CBT 1

Q.1 Which of the following countries emerged as mixed team Squash World Cup champions in December 2025 following a dominant 3–0 triumph over top-seeded Hong Kong?

- Ans**
- ☒ A. England
- ☒ B. Australia
- ☒ C. Egypt
- ☒ D. India

Q.2 Which of the following ministers was the Commander of the entire military under the king during the Mughal rule?

- Ans**
- ☒ A. Mir Saman
- ☒ B. Mir Bakshi
- ☒ C. Diwan-i-Insha
- ☒ D. Sadr-us-Sudur

Q.3 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. NP-RT
- ☒ B. KM-OQ
- ☒ C. IK-MO
- ☒ D. CE-HJ

Q.4 The ratio of boys to girls in two sections A and B of a class is the same. Section A comprises of 36 boys and 24 girls. If there are 28 girls in section B, how many boys are there in that section?

- Ans**
- ☒ A. 48
- ☒ B. 40
- ☒ C. 45
- ☒ D. 42

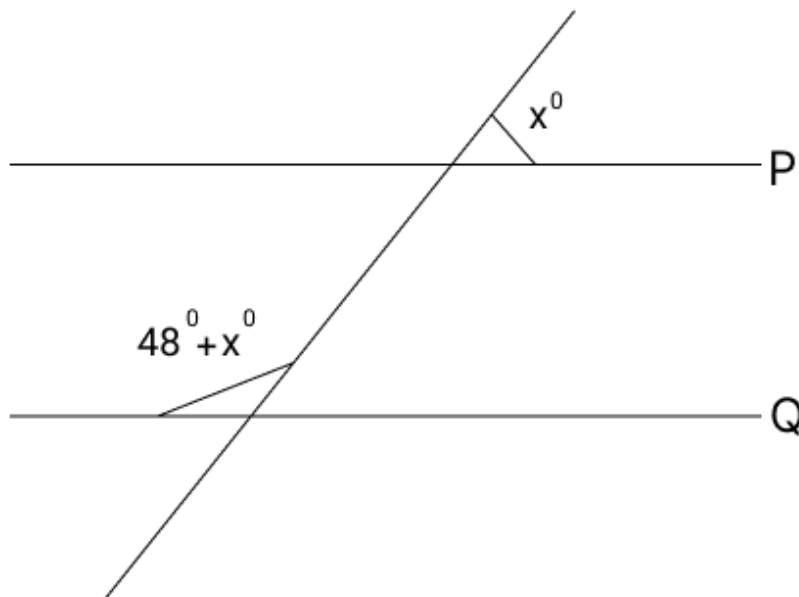
Q.5	Evaluate: $(-9) - (-56) \div (-14) + (-4) \times 9$
Ans	✓ A. -49 ✗ B. -51 ✗ C. -52 ✗ D. -48
Q.6	Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second 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 – 196 – 186 – 166 ; 18 – 324 – 314 – 294
Ans	✗ A. 21 – 441 – 431 – 451 ✗ B. 16 – 256 – 266 – 246 ✗ C. 18 – 320 – 330 – 350 ✓ D. 11 – 121 – 111 – 91
Q.7	Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only B is kept above C. Only E is kept between C and F. Only A is kept below G. How many boxes are kept between C and G?
Ans	✗ A. 4 ✓ B. 3 ✗ C. 2 ✗ D. 1
Q.8	Which climatic factor plays the most significant role in shaping the distribution of natural vegetation across India?
Ans	✓ A. Annual precipitation (>250 cm) ✗ B. Altitudinal gradient ✗ C. Soil nutrient quality ✗ D. Mean annual temperature variations
Q.9	Which of the following groups of organisms exhibit the phenomenon of haploid-dominant life cycle?
Ans	✗ A. The amphibians ✓ B. The fungi ✗ C. The angiosperms ✗ D. The mammals
Q.10	In December 2025, the rupee's (₹) appreciation against the US dollar was most likely due to which of the following actions by the RBI?
Ans	✗ A. Interest rate hike ✗ B. Gold imports ✓ C. Dollar sales ✗ D. Bond purchases
Q.11	Which of the following is a key element of the monetary system infrastructure of India?
Ans	✗ A. Power stations ✗ B. Railways ✓ C. Banks ✗ D. Roads

Q.12	What value must be assigned to A so that the 8-digit number 493A9132 is divisible by 9?	
Ans	☒ A. 5	
	☒ B. 9	
	☒ C. 7	
	☒ D. 2	
Q.13	Which of the following institutions was set up during the Swadeshi movement?	
Ans	☒ A. Bethune School	
	☒ B. Bengal National College	
	☒ C. Banaras Hindu University	
	☒ D. Shantiniketan	
Q.14	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.) 3 – 30 – 150 – 151 9 – 90 – 450 – 451	
Ans	☒ A. 6 – 60 – 30 – 150	
	☒ B. 12 – 120 – 600 – 601	
	☒ C. 15 – 150 – 750 – 749	
	☒ D. 8 – 80 – 400 – 40	
Q.15	Form the quadratic equation whose roots are 3 and –2.	
Ans	☒ A. $x^2 + x + 6 = 0$	
	☒ B. $x^2 - x - 6 = 0$	
	☒ C. $x^2 - x + 6 = 0$	
	☒ D. $x^2 + x - 6 = 0$	
Q.16	Which of the following sectors contributes the most to the economy of the US?	
Ans	☒ A. Quaternary Activity	
	☒ B. Secondary Activity	
	☒ C. Tertiary Activity	
	☒ D. Primary Activity	
Q.17	Boat A, whose speed in still water is 10 km/h, goes downstream from city P to city Q in 3 hours. Boat B goes from city Q to city P in 5 hours. What will be the time taken (in hours) by boat B to travel from city P to city Q, if the speed of the stream is 5 km/h?	
Ans	☒ A. $3\frac{4}{15}$	
	☒ B. 3	
	☒ C. $2\frac{7}{19}$	
	☒ D. 4	

Q.18	Which national financial performance milestone was reported by the Department of Commerce for H1 FY 2025-26 (April–September 2025), highlighting best-ever export figures?	
Ans	☒ A. Highest FDI inflow in 5 years	
	☒ B. Highest export quarter in H1	
	☒ C. Lowest trade deficit in a decade	
	☒ D. Largest export diversification program	
Q.19	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 streams are canals. Some canals are rivers. Some rivers are seas. Conclusions: (I) Some seas are streams. (II) Some rivers are streams.	
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.20	SP 12 is related to WT 16 in a certain way. In the same way, MJ 15 is related to QN 19. To which of the following is EB 24 related, following the same logic?	
Ans	☒ A. JF 28	
	☒ B. JG 29	
	☒ C. IG 29	
	☒ D. IF 28	
Q.21	The area of a square is 5184 cm^2 . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?	
Ans	☒ A. 3434	
	☒ B. $3432\sqrt{3}$	
	☒ C. 3472	
	☒ D. $3456\sqrt{3}$	
Q.22	Which of these examples best represents a category of utility software?	
Ans	☒ A. MS PowerPoint	
	☒ B. MS Excel	
	☒ C. Disk Clean up	
	☒ D. MS Word	
Q.23	Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) ? A ? M V R ? F @ D E Q * ? R V M / % * M (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. One	
	☒ B. Three	
	☒ C. None	
	☒ D. Two	

Q.24	What was a major reason for the slowdown in Total Factor Productivity (TFP) growth in the manufacturing sector, as found by Goldar and Kumari?	
Ans	☒ A. Over-reliance on foreign capital	
	☒ B. Shortage of skilled labour	
	☒ C. Deterioration in capacity utilisation	
	☒ D. Excessive regulation on exports	
Q.25	In a certain code language, Q + W means 'Q is the father of W', Q @ W means 'Q is the brother of W', Q \$ W means 'Q is the mother of W', and Q # W means 'Q is the sister of W'. Based on the above, how is N related to S if 'N @ R + K @ S'?	
Ans	☒ A. Son	
	☒ B. Brother's son	
	☒ C. Father's brother	
	☒ D. Brother	
Q.26	Which of the following is not a feature of the 73rd Constitutional Amendment Act, 1992?	
Ans	☒ A. Provision for reservation of seats for Scheduled Castes, Scheduled Tribes, and women	
	☒ B. Establishment of Lokpal at the village level	
	☒ C. Mandatory elections to Panchayats every five years	
	☒ D. Establishment of Panchayats as institutions of self-government	
Q.27	Select the correct option.	
Ans	☒ A. The diagonals of a square are equal and bisect each other.	
	☒ B. The diagonals of a square are not equal and bisect each other.	
	☒ C. The diagonals of a square are not equal and do not bisect each other.	
	☒ D. The diagonals of a square are equal and do not bisect each other.	
Q.28	The marks obtained by 12 students out of 50 are 24, 25, 32, 23, 40, 27, 30, 25, 20, 15, 16, 45. Find the median marks.	
Ans	☒ A. 23	
	☒ B. 25	
	☒ C. 27	
	☒ D. 24	
Q.29	L, M, N, 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 is numbered 6. M lives on the topmost floor. Only three people live between M and D. N lives on a floor below D. E lives on an even numbered floor. L lives on an odd numbered floor, but not on floor number 5. How many people live between F and D?	
Ans	☒ A. Three	
	☒ B. Four	
	☒ C. One	
	☒ D. Two	
Q.30	A shopkeeper purchased 67 dozens of articles at the rate of ₹300 per dozen. He sold each one of them at the rate of ₹34. What percentage profit did he make?	
Ans	☒ A. 37%	
	☒ B. 38%	
	☒ C. 34%	
	☒ D. 36%	

Q.38 In the given figure, find the value of x if $P \parallel Q$ is given.



Ans ☒ A. 66

☐ B. 68

☐ C. 72

☐ D. 70

Q.39 In 2025, Hindustan Aeronautics Ltd (HAL) signed an MoU in Moscow with which foreign aerospace company to jointly produce the SJ-100 civil commuter aircraft in India?

Ans ☒ A. Russia's United Aircraft Corporation (PJSC-UAC)

☐ B. Sukhoi Civil Aircraft Company

☐ C. Irkut Corporation

☐ D. Roscosmos State Corporation for Space Activities

Q.40 Which of the following is/are famous Sun temples of India?

I. Konark temple

II. Modhera temple

III. Martand temple

Select the correct answer using the codes given below.

Ans ☐ A. I and II Only

☐ B. I and III Only

☒ C. I, II and III

☐ D. I Only

Q.41 The Salem Steel Plant is located in which state?

Ans ☐ A. Jharkhand

☐ B. Bihar

☐ C. Karnataka

☒ D. Tamil Nadu

Q.42 Which organisation conducted the successful high-speed rocket-sled test of a fighter aircraft escape system in 2025, placing India among a select group of nations with advanced in-house testing capability?

Ans ☒ A. Defence Research and Development Organisation

☐ B. Aeronautical Development Agency

☐ C. Hindustan Aeronautics Limited

☐ D. Indian Air Force

Q.43	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. FHJ	
	☒ B. HJL	
	☒ C. BDF	
	☒ D. TVY	
Q.44	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 cars are planes. Some planes are trains. Some trains are ships. Conclusions: (I) Some cars are trains. (II) Some planes are ships.	
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.45	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. HUGE - UEGH - EGUH LIST - ITSL - TSIL	
Ans	☒ A. EAST - AEST - TASE	
	☒ B. HEAR - ERAH - RAEH	
	☒ C. VIBE - IVBE - EIBV	
	☒ D. BANK - BNAK - KNAB	
Q.46	Which administrative change was directly implemented by the British in response to the mutiny of 1857, signifying a shift in governance structure?	
Ans	☒ A. Enactment of the Indian Councils Act, 1861	
	☒ B. Issue of Queen Victoria's Proclamation	
	☒ C. Introduction of the Permanent Settlement in Bengal	
	☒ D. Transfer of authority from Company to Crown	
Q.47	The Thar Desert is also referred to as:	
Ans	☒ A. The Great Deccan Desert	
	☒ B. The Great White Desert	
	☒ C. The Great Indian Desert	
	☒ D. The Great Salt Desert	
Q.48	What should come in place of '?' in the given series? 56 55 51 42 26 ?	
Ans	☒ A. 2	
	☒ B. 3	
	☒ C. 1	
	☒ D. 4	

Q.49	Each of the digits in the number 386152479 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. Three
	☐ C. One
	☒ D. Two
Q.50	In what duration (in years) will ₹9,000 fetch a simple interest of ₹720 at 4% per annum rate of interest?
Ans	☐ A. 1
	☐ B. 3
	☐ C. 4
	☒ D. 2
Q.51	Two taps can fill a cistern in 4 hours and 29 hours respectively. A third tap can empty it in 29 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?
Ans	☐ A. 3
	☒ B. 1
	☐ C. 2
	☐ D. 4
Q.52	A dealer buys two articles X and Y for ₹3,500 each. He marks each of them at the same price. He sells X by giving two successive discounts of 45% and 60% and still earns ₹889 as profit. If he sells Y at a single discount of 69%, then what is the profit percentage on Y?
Ans	☒ A. 76.7%
	☐ B. 75.7%
	☐ C. 76%
	☐ D. 75%
Q.53	In a certain code language, 'MATE' is coded as '9827' and 'TIME' is coded as '9218'. What is the code for 'I' in the given code language?
Ans	☐ A. 9
	☐ B. 8
	☐ C. 2
	☒ D. 1
Q.54	Which of the following BEST differentiates system software from application software?
Ans	☐ A. System software is user-oriented; application software is system-oriented
	☐ B. System software creates documents; application software manages the CPU
	☐ C. Both are used only for entertainment
	☒ D. System software runs directly on hardware; application software runs after system software loads
Q.55	What should come in place of the question mark (?) in the given series? 89 87 84 79 72 ?
Ans	☒ A. 61
	☐ B. 59
	☐ C. 62
	☐ D. 63

Q.56	A teacher needs to split 300 students into three groups so that the second and third groups have a ratio of 3 : 7, and the first and third groups have a ratio of 2 : 7. Which of the following is the correct number of students in the second group?
Ans	✗ A. 88 ✗ B. 72 ✓ C. 75 ✗ D. 64
Q.57	Consider the following statements regarding Chandrapuram Ponnusamy Radhakrishnan. 1. He is the 24th and current Governor of Maharashtra since 31 July 2024. 2. Before becoming the Governor of Maharashtra, he served as the Governor of Jharkhand from February 2023 to July 2024. Which of the above statements is/are correct?
Ans	✗ A. Neither 1 nor 2 ✗ B. Only 1 ✗ C. Only 2 ✓ D. Both 1 and 2
Q.58	Seven boxes, C, F, J, N, Q, S and V are kept one over the other but not necessarily in the same order. Only Q is kept above F. Only V is kept between J and S. Only N is kept below J. How many boxes are kept between C and N?
Ans	✗ A. Two ✓ B. Three ✗ C. One ✗ D. Four
Q.59	Which of the following is a compound wind instrument due to its use of two tubes for different functions?
Ans	✗ A. Clarinet ✗ B. Kombu ✓ C. Magudi ✗ D. Conch
Q.60	In a circular race of 1850 m, Aman and Suman start from the same point and at the same time with speeds of 22 km/h and 15 km/h, respectively. After how long will they meet again for the first time on the track when they are running in the opposite direction?
Ans	✗ A. 189 seconds ✗ B. 170 seconds ✓ C. 180 seconds ✗ D. 172 seconds
Q.61	Vikramshila University located in the Bhagalpur district of Bihar was founded by which of the following rulers?
Ans	✗ A. King Devapala ✗ B. King Mahipala ✓ C. King Dharampala ✗ D. King Gopala

Q.62	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? NON 40 LML 30 JKJ 20 HIH 10 ?	
Ans	☒ A. FNW 7	
	☒ B. FHE 0	
	☒ C. FFE 5	
	☒ D. FGF 0	
Q.63	A shopkeeper professes to sell his goods at a 35% loss but uses a false balance and gains 75%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:	
Ans	☒ A. 371.4 gm	
	☒ B. 374.5 gm	
	☒ C. 372.9 gm	
	☒ D. 376.5 gm	
Q.64	If $p^2 + 3p = 3$, then the value of $(p + 4)^3 + \frac{1}{(p + 4)^3}$ is:	
Ans	☒ A. 110	
	☒ B. 104	
	☒ C. 52	
	☒ D. 55	
Q.65	The average of the marks of 16 students in a class is 56. If the marks of each student are doubled, find the new average.	
Ans	☒ A. 32	
	☒ B. 56	
	☒ C. 112	
	☒ D. 16	
Q.66	P and Q can complete a piece of work in 20 days and 30 days, respectively. They decide to work alternatively; one day P and next day Q, until the job is finished. How many days will it take for the work to be completed, if P starts the work?	
Ans	☒ A. 24 days	
	☒ B. 18 days	
	☒ C. 21 days	
	☒ D. 25 days	
Q.67	Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. C sits to the immediate right of B. Q sits to the immediate left of D. O sits second to the right of D. R sits third to the left of C. Who sits third to the right of P?	
Ans	☒ A. B	
	☒ B. R	
	☒ C. O	
	☒ D. D	
Q.68	Salil's salary is ₹18000 per month. He spends ₹5500 on house rent, ₹1500 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly saving for birthday celebration.	
Ans	☒ A. 99000	
	☒ B. 132000	
	☒ C. 110000	
	☒ D. 121000	

Q.69	Which type of chemical reaction involves the breakdown of a compound into two or more simpler substances?	
Ans	☒ A. Combination reaction	
	☒ B. Displacement reaction	
	☒ C. Decomposition reaction	
	☒ D. Neutralization reaction	
Q.70	Solve the following system of 3 equations in 3 unknowns. $2x + y - 3z = -4$ $4x - 2y + z = 9$ $3x + 5y - 2z = 5$	
Ans	☒ A. $x = 2, y = -1, z = -3$	
	☒ B. $x = 2, y = 1, z = 3$	
	☒ C. $x = -2, y = -1, z = 3$	
	☒ D. $x = -2, y = 1, z = 3$	
Q.71	Which new mission was launched by the Government of India in 2025 to restore degraded forest landscapes?	
Ans	☒ A. Clean Air Initiative	
	☒ B. Urban Biodiversity Scheme	
	☒ C. Green India Mission	
	☒ D. River Rejuvenation Project	
Q.72	For which of the following was the industrial license not exempted during the 1991 reforms?	
Ans	☒ A. Coal	
	☒ B. Alcohol	
	☒ C. Steel	
	☒ D. Food processing	
Q.73	Which index does NITI Aayog use to analyze poverty in India by considering multiple factors like education, health, and living standards?	
Ans	☒ A. Consumer Price Index (CPI)	
	☒ B. Multidimensional Poverty Index (MPI)	
	☒ C. Human Development Index (HDI)	
	☒ D. Income Poverty Index (IPI)	
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 :: ? # : ONQ :: LKN : %	
Ans	☒ A. # = QUV , % = JLP	
	☒ B. # = QPS , % = JIL	
	☒ C. # = RQU , % = KPM	
	☒ D. # = RUS , % = KON	
Q.75	How many bytes does 1 Petabyte contain?	
Ans	☒ A. 1024 terabytes	
	☒ B. 1024 zettabytes	
	☒ C. 1024 yottabytes	
	☒ D. 1024 gigabytes	

Q.76	Which of the following statements about the Directive Principles of State Policy of the Indian Constitution is NOT correct?	
Ans	☒ A. They represent the aspirations of the people	
	☒ B. They embody ideals of socio-economic justice	
	☒ C. They guide the legislature and executive	
	☒ D. They are legally enforceable by courts	
Q.77	What is the dominant form of decoration employed in Sultanate buildings?	
Ans	☒ A. Toranas	
	☒ B. Amalaka	
	☒ C. Arabesque	
	☒ D. Kalasha	
Q.78	A solid cone is cut into two pieces (a smaller cone and a frustum) of equal volume by making a cut parallel to its flat surface. The height of the small cone is equal to the diameter of the bigger flat area of the frustum. The radius of the small cone is ____ times its height.	
Ans	☒ A. $\frac{1}{2\sqrt[3]{2}}$	
	☒ B. $\frac{1}{\sqrt[3]{2}}$	
	☒ C. $\frac{1}{3\sqrt[3]{3}}$	
	☒ D. $\frac{1}{2\sqrt[3]{3}}$	
Q.79	Find the value of y , satisfying $12 \times 3 \times 940 \div \sqrt{2209} = y + 716$	
Ans	☒ A. 0	
	☒ B. 4	
	☒ C. -6	
	☒ D. 3	
Q.80	Arjun has ₹1394 with him. He divides this amount between his two sons, Kartik and Ishan, and asks them to invest their respective shares at a compound interest rate of 5% per annum, compounded annually. It is observed that Kartik's investment amounts to the same value after 17 years as Ishan's investment does after 18 years. How much (in ₹) did Arjun give to Ishan?	
Ans	☒ A. 530	
	☒ B. 714	
	☒ C. 680	
	☒ D. 814	
Q.81	According to the Citizenship Act, 1955, a person born outside India on or after December 10, 1992, shall be a citizen of India by descent if:	
Ans	☒ A. Only the father is an Indian citizen	
	☒ B. Only the mother is an Indian citizen	
	☒ C. Both parents are ordinarily resident in India at the time of birth	
	☒ D. Either parent is a citizen of India at the time of birth	

Q.82	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 its constituent digits. For example, 13 – Operations on 13 such as adding/deleting/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, 20, 215) (10, 15, 145)	
Ans	✓ A. (11, 9, 94) ✗ B. (13, 16, 208) ✗ C. (11, 15, 125) ✗ D. (7, 17, 88)	
Q.83	Which of the following river delta is NOT located on the eastern coastal plain?	
Ans	✗ A. Mahanadi ✗ B. Godavari ✗ C. Krishna ✓ D. Tapti	
Q.84	In a certain code language, $A + B$ means 'A is the mother of B' $A - B$ means 'A is the son of B' $A \times B$ means 'A is the brother of B' $A \div B$ means 'A is the daughter of B' Based on the above, how is M related to K if '$M - V \times T \div S + K$'?	
Ans	✗ A. Sister's son ✗ B. Brother ✓ C. Brother's son ✗ D. Daughter's son	
Q.85	According to the Global Innovation Index Ranking 2025, which country has the 1 st rank?	
Ans	✗ A. Denmark ✗ B. Sweden ✗ C. Finland ✓ D. Switzerland	
Q.86	A, B, C, D, E, F and G sit around a circular table, facing the centre. D sits to the immediate left of G. F sits to the immediate left of C. C sits second to the left of E. A sits third to the left of G. Who sits third to the right of G?	
Ans	✗ A. F ✗ B. E ✗ C. A ✓ D. C	
Q.87	Three positive integers, P, Q, and R, are such that the highest common factor of P and Q is 15, the highest common factor of Q and R is 10, and the highest common factor of R and P is 5. If the sum $P + Q + R$ is as small as possible, the value of $P \times Q \times R$ is:	
Ans	✓ A. 4500 ✗ B. 3000 ✗ C. 6000 ✗ D. 1500	

Q.88	In response to Cyclone Dityah in 2025, India expanded which humanitarian mission to deliver aid to Sri Lanka by deploying additional Indian Navy warships?
Ans	✗ A. Operation Samudra Setu ✓ B. Operation Sagar Bandhu ✗ C. Operation Maitri ✗ D. Operation Vanila
Q.89	This question is based on the five, three-digit numbers given below. (Left) 746 154 798 123 145 (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. 11 ✓ B. 10 ✗ C. 13 ✗ D. 16
Q.90	Which of the following elements in the periodic table is NOT classified as a metal?
Ans	✗ A. Sodium ✗ B. Potassium ✓ C. Sulfur ✗ D. Calcium
Q.91	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? 22 A 11 C 3 B 7 D 6 = ?
Ans	✗ A. 15 ✓ B. 17 ✗ C. 14 ✗ D. 13
Q.92	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. Rahul, Aman, Karan, Nikhil, and Varun each have different height. Who is the second tallest? (I) Karan is taller than Rahul and Aman but shorter than Nikhil. (II) Varun is taller than Karan but shorter than Nikhil
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. Both statements I and II together are NOT sufficient to answer the question
Q.93	A building contractor employs 25 skilled workers and 5 unskilled workers. To a skilled worker he pays ₹30 per hour and to an unskilled worker ₹24 per hour. The average wage per hour (in ₹) paid by the contractor is:
Ans	✓ A. 29 ✗ B. 32 ✗ C. 27 ✗ D. 25

Q.94	Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete? JFX 15, OKC 21, TPH 27, YUM 33, ?
Ans	☒ A. BYR 39
	☒ B. DYP 39
	☒ C. DZR 39
	☒ D. EAS 38
Q.95	The foundational understanding of the law of inertia was established through the experiments of which physicist?
Ans	☒ A. Archimedes
	☒ B. Albert Einstein
	☒ C. Galileo Galilei
	☒ D. Michael Faraday
Q.96	The price of each article of type P, Q, and R is ₹280, ₹180 and ₹115, respectively. Ranu buys articles of each type in the ratio 4 : 4 : 3 for ₹6,555. How many articles of type Q did he purchase?
Ans	☒ A. 9
	☒ B. 12
	☒ C. 20
	☒ D. 18
Q.97	20% of a number is more than 20% of 620 by 160. The number is:
Ans	☒ A. 1520
	☒ B. 1270
	☒ C. 1470
	☒ D. 1420
Q.98	Under Article 275 of the Constitution, the sums provided by the Parliament as grants-in-aid to states are required to be charged on which fund?
Ans	☒ A. Public Account of India
	☒ B. Contingency Fund of India
	☒ C. Consolidated Fund of India
	☒ D. State Emergency Fund
Q.99	Vansh starts from Point A and drives 26 km towards West. He then takes a left turn, drives 15 km, turns left and drives 35 km. He then takes a left turn and drives 21 km. He takes a final left 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 degrees turns only unless specified)
Ans	☒ A. 6 km to the North
	☒ B. 5 km to the North
	☒ C. 5 km to the South
	☒ D. 6 km to the South
Q.100	Which of the following samitis was founded by Ashwini Kumar Dutt in Barisal?
Ans	☒ A. Anushilan Samiti
	☒ B. Swadesh Bandhab Samiti
	☒ C. Jugantar Samiti
	☒ D. Bharat Mata Samiti