



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Date	09/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

\* 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 Level I

Q.1 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and  $\angle PEB = 49^\circ$ . G is a point between AB and CD such that  $\angle BEG = 35^\circ$  and  $\angle GFE = 16^\circ$ . What is the measure of  $\angle EGF$ ?

- Ans
- ☒ 1.  $57^\circ$
  - ☒ 2.  $60^\circ$
  - ☒ 3.  $59^\circ$
  - ☒ 4.  $68^\circ$

Q.2 Which event marked the final collapse of the British policy of annexation?

- Ans
- ☒ 1. Quit India Movement
  - ☒ 2. Revolt of 1857
  - ☒ 3. Government of India Act, 1935
  - ☒ 4. Partition of Bengal

Q.3 Two poles of height 12 m and 20 m are fixed to a level ground. The distance between the bottom of the poles is 15 m. What is the distance (in m) between their tops?

- Ans
- ☒ 1. 17
  - ☒ 2. 20
  - ☒ 3. 25
  - ☒ 4. 16

Q.4 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 that follows the same logic.

BEAN - EBAN - BANE  
MAKE - AMKE - MKEA

- Ans
- ☒ 1. MACK - AMCK - MCKA
  - ☒ 2. RACE - RCAE - ECAR
  - ☒ 3. WORK - OWRK - KORW
  - ☒ 4. NEAR - ENAR - EARN

Q.5 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
- ☒ 1. QR - WX
  - ☒ 2. LM - RS
  - ☒ 3. ST - YZ
  - ☒ 4. GH - OM

Q.6	What was the Gross Enrollment Ratio (GER) in higher education in India according to the All India Survey on Higher Education, 2021-22?
Ans	<div><div><div>✖</div><div>1. 30.8%</div></div><div><div>✖</div><div>2. 26.6%</div></div><div><div>✔</div><div>3. 28.4%</div></div><div><div>✖</div><div>4. 24.2%</div></div></div>
Q.7	The Great Plateau of India is a part of which ancient landmass?
Ans	<div><div><div>✖</div><div>1. Pangaea</div></div><div><div>✔</div><div>2. Gondwana Land</div></div><div><div>✖</div><div>3. Laurasia</div></div><div><div>✖</div><div>4. Angaraland</div></div></div>
Q.8	What should come in place of the question mark (?) in the given series based on the English alphabetical order?  DKR HOV LSZ PWD ?
Ans	<div><div><div>✖</div><div>1. HAT</div></div><div><div>✖</div><div>2. HTA</div></div><div><div>✔</div><div>3. TAH</div></div><div><div>✖</div><div>4. THA</div></div></div>
Q.9	In Gond painting, what is the purpose of applying 'chhui' clay on the surface?
Ans	<div><div><div>✔</div><div>1. To create a smooth white base for painting</div></div><div><div>✖</div><div>2. To fix cracks on the wall</div></div><div><div>✖</div><div>3. To prevent insects from damaging the wall</div></div><div><div>✖</div><div>4. To reflect sunlight</div></div></div>
Q.10	Arrange the following states in descending order based on the number of seats won by the Bharatiya Janata Party (BJP) in their respective 2024–2025 assembly elections.  1. Delhi 2. Maharashtra 3. Jammu and Kashmir 4. Jharkhand
Ans	<div><div><div>✖</div><div>1. 1 &gt; 2 &gt; 3 &gt; 4</div></div><div><div>✖</div><div>2. 3 &gt; 2 &gt; 1 &gt; 4</div></div><div><div>✖</div><div>3. 2 &gt; 3 &gt; 1 &gt; 4</div></div><div><div>✔</div><div>4. 2 &gt; 1 &gt; 3 &gt; 4</div></div></div>
Q.11	If the quadratic equations $4x^2 + bx + 3 = 0$ and $8x^2 + 4x + c = 0$ have both the roots common, find the values for b and c, respectively.
Ans	<div><div><div>✖</div><div>1. 6, 2</div></div><div><div>✖</div><div>2. 2, 4</div></div><div><div>✖</div><div>3. 4, 2</div></div><div><div>✔</div><div>4. 2, 6</div></div></div>
Q.12	Which agreement is linked to the Citizenship (Amendment) Act, 1985?
Ans	<div><div><div>✖</div><div>1. Shimla Agreement</div></div><div><div>✔</div><div>2. Assam Accord</div></div><div><div>✖</div><div>3. Indo-Sri Lanka Pact</div></div><div><div>✖</div><div>4. Kashmir Agreement</div></div></div>

Q.13	The arithmetic mean of the observations 78, 56, 52, 45, 97, 19, 37, 46 and 74 is:
Ans	<div><div><input checked="" type="checkbox"/></div>1. 56</div> <div><div><input type="checkbox"/></div>2. 64</div> <div><div><input type="checkbox"/></div>3. 61</div> <div><div><input type="checkbox"/></div>4. 48</div>
Q.14	The Chalukyas of Badami were founded by:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Pulakesin I</div> <div><div><input type="checkbox"/></div>2. Vikramaditya I</div> <div><div><input type="checkbox"/></div>3. Kirtivarman I</div> <div><div><input type="checkbox"/></div>4. Mangalesha</div>
Q.15	Which of the following measures the percentage of a country's population living below the poverty line?
Ans	<div><div><input type="checkbox"/></div>1. Unemployment Rate</div> <div><div><input type="checkbox"/></div>2. Human Development Index</div> <div><div><input type="checkbox"/></div>3. Gini Coefficient</div> <div><div><input checked="" type="checkbox"/></div>4. Poverty Headcount Ratio</div>
Q.16	GN 14 is related to ER 1 in a certain way. In the same way, HP 18 is related to FT 5. To which of the given options is TK 4 related, following the same logic?
Ans	<div><div><input type="checkbox"/></div>1. PW -7</div> <div><div><input type="checkbox"/></div>2. KJ -13</div> <div><div><input checked="" type="checkbox"/></div>3. RO -9</div> <div><div><input type="checkbox"/></div>4. TY -11</div>
Q.17	The shorter side of a rectangle is 16 cm less than the longer side. The numerical value of its area is equal to 3 times the numerical value of its perimeter. What is the length (in cm) of its longer side?
Ans	<div><div><input type="checkbox"/></div>1. 14</div> <div><div><input type="checkbox"/></div>2. 25</div> <div><div><input type="checkbox"/></div>3. 19</div> <div><div><input checked="" type="checkbox"/></div>4. 24</div>
Q.18	In Warli painting, which natural material is used in the first step called 'Lipane' to prepare the wall?
Ans	<div><div><input type="checkbox"/></div>1. Rice paste</div> <div><div><input type="checkbox"/></div>2. Sand</div> <div><div><input checked="" type="checkbox"/></div>3. Geru</div> <div><div><input type="checkbox"/></div>4. Charcoal</div>
Q.19	The Supreme Court described itself as the "sentinel on the qui vive" in relation to _____.
Ans	<div><div><input checked="" type="checkbox"/></div>1. Protection of Fundamental Rights</div> <div><div><input type="checkbox"/></div>2. Protection of tax laws</div> <div><div><input type="checkbox"/></div>3. Protection of foreign policy</div> <div><div><input type="checkbox"/></div>4. Protection of legislative privileges</div>

Q.20	Which of the following methods is the quickest way to open an existing MS Excel spreadsheet?
Ans	<div><div><input type="checkbox"/></div>1. Use the Alt + F4 shortcut</div> <div><div><input checked="" type="checkbox"/></div>2. Double-click the .xlsx file in File Explorer</div> <div><div><input type="checkbox"/></div>3. Press Ctrl + N</div> <div><div><input type="checkbox"/></div>4. Open MS Excel and click Blank Workbook</div>
Q.21	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) 9 # 1 * £ 5 2 & % \$ 7 & 3 Ω 4 6 @ 8 (Right)  How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?
Ans	<div><div><input type="checkbox"/></div>1. Three</div> <div><div><input type="checkbox"/></div>2. Four</div> <div><div><input checked="" type="checkbox"/></div>3. Two</div> <div><div><input type="checkbox"/></div>4. One</div>
Q.22	A certain number is divided into two parts such that 5 times the first part added to 14 times the second part makes 7 times the whole. The ratio of the second part to the first part is:
Ans	<div><div><input type="checkbox"/></div>1. 1 : 7</div> <div><div><input checked="" type="checkbox"/></div>2. 2 : 7</div> <div><div><input type="checkbox"/></div>3. 7 : 1</div> <div><div><input type="checkbox"/></div>4. 7 : 2</div>
Q.23	Which of the following is true about trichomes on the stem?
Ans	<div><div><input type="checkbox"/></div>1. They never function in water retention.</div> <div><div><input checked="" type="checkbox"/></div>2. They are multicellular and may be secretory.</div> <div><div><input type="checkbox"/></div>3. They are present only in the roots.</div> <div><div><input type="checkbox"/></div>4. They are always unbranched and unicellular.</div>
Q.24	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.) 10 - 20 - 40 - 80 ; 3 - 6 - 12 - 24
Ans	<div><div><input type="checkbox"/></div>1. 5 - 10 - 20 - 30</div> <div><div><input type="checkbox"/></div>2. 8 - 10 - 20 - 40</div> <div><div><input type="checkbox"/></div>3. 4 - 8 - 12 - 24</div> <div><div><input checked="" type="checkbox"/></div>4. 6 - 12 - 24 - 48</div>
Q.25	If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '–', then the resultant of which of the following would be 5?
Ans	<div><div><input type="checkbox"/></div>1. 96 C 12 B 45 A 3 D 14</div> <div><div><input type="checkbox"/></div>2. 96 B 12 D 45 A 3 C 14</div> <div><div><input checked="" type="checkbox"/></div>3. 96 A 12 D 45 C 3 B 14</div> <div><div><input type="checkbox"/></div>4. 96 D 12 C 45 B 3 A 14</div>

Q.26	The average weight of 10 boys is 70 kg. But later, it was found that at two places the weight 54 kg was read as 44 kg and at one place weight 35 kg was read as 40 kg. Find the correct average weight (in kg) of the 10 boys.
Ans	<div><div><div>✖</div><div>1. 67.5</div></div><div><div>✔</div><div>2. 71.5</div></div><div><div>✖</div><div>3. 68.5</div></div><div><div>✖</div><div>4. 70.5</div></div></div>
Q.27	After independence, co-operatives became an integral part of which planning initiative in India?
Ans	<div><div><div>✖</div><div>1. Green Revolution</div></div><div><div>✖</div><div>2. Operation Flood</div></div><div><div>✔</div><div>3. Five-Year Plans</div></div><div><div>✖</div><div>4. Industrial Policy Resolution</div></div></div>
Q.28	Which of the following does NOT contribute much to the degradation of the Thar Desert ecosystem?
Ans	<div><div><div>✖</div><div>1. Climate change</div></div><div><div>✖</div><div>2. Erratic rainfall</div></div><div><div>✖</div><div>3. Grazing by livestock</div></div><div><div>✔</div><div>4. Increased plantation of native trees</div></div></div>
Q.29	Who is referred to as the 'Father of the Indian Renaissance' due to their contribution in social reform, literary works and unwavering patriotism?
Ans	<div><div><div>✖</div><div>1. Atmaram Pandurang</div></div><div><div>✖</div><div>2. Dayanand Saraswati</div></div><div><div>✖</div><div>3. Swami Vivekanand</div></div><div><div>✔</div><div>4. Raja Ram Mohan Roy</div></div></div>
Q.30	What should come in place of the question mark (?) in the given series?  501 500 497 492 485 ?
Ans	<div><div><div>✖</div><div>1. 471</div></div><div><div>✖</div><div>2. 475</div></div><div><div>✖</div><div>3. 473</div></div><div><div>✔</div><div>4. 476</div></div></div>
Q.31	According to the SDG India Index 2023-24 released by NITI Aayog, what is the range of composite scores achieved by Indian states?
Ans	<div><div><div>✖</div><div>1. 52 to 75</div></div><div><div>✔</div><div>2. 57 to 79</div></div><div><div>✖</div><div>3. 65 to 90</div></div><div><div>✖</div><div>4. 60 to 85</div></div></div>
Q.32	All 92 people are standing in a row facing north. Manju is 16 <sup>th</sup> from the left end while Nisha is 9 <sup>th</sup> from the right end. How many people are there between Manju and Nisha?
Ans	<div><div><div>✖</div><div>1. 58</div></div><div><div>✖</div><div>2. 48</div></div><div><div>✖</div><div>3. 65</div></div><div><div>✔</div><div>4. 67</div></div></div>

Q.33	IV 17 is related to FR 6 in a certain way. In the same way, KJ 12 is related to HF 1. To which of the given options is OE -6 related, following the same logic?
Ans	<div><div><input type="checkbox"/></div>1. KI -13</div> <div><div><input checked="" type="checkbox"/></div>2. LA -17</div> <div><div><input type="checkbox"/></div>3. TR -29</div> <div><div><input type="checkbox"/></div>4. PA -21</div>
Q.34	Walking at $\frac{2}{3}$ of his normal speed, Abhijeet is 28 minutes late in reaching his office.  The usual time taken by him to cover the distance between his home and his office is:
Ans	<div><div><input type="checkbox"/></div>1. 49 minutes</div> <div><div><input type="checkbox"/></div>2. 62 minutes</div> <div><div><input checked="" type="checkbox"/></div>3. 56 minutes</div> <div><div><input type="checkbox"/></div>4. 55 minutes</div>
Q.35	Which of the following countries is separated from India by maritime boundary only?
Ans	<div><div><input type="checkbox"/></div>1. Bhutan</div> <div><div><input type="checkbox"/></div>2. Myanmar</div> <div><div><input type="checkbox"/></div>3. Nepal</div> <div><div><input checked="" type="checkbox"/></div>4. Maldives</div>
Q.36	Which of the following statements is correct?
Ans	<div><div><input type="checkbox"/></div>1. ASCII is primarily used for high-speed data transmission networks.</div> <div><div><input type="checkbox"/></div>2. LAN supports networking over large geographic areas.</div> <div><div><input type="checkbox"/></div>3. CD is a volatile storage medium.</div> <div><div><input checked="" type="checkbox"/></div>4. ASCII represents characters as numerical codes.</div>
Q.37	The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 33.5 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.
Ans	<div><div><input checked="" type="checkbox"/></div>1. 38.75</div> <div><div><input type="checkbox"/></div>2. 37.75</div> <div><div><input type="checkbox"/></div>3. 39.75</div> <div><div><input type="checkbox"/></div>4. 40.75</div>
Q.38	As of April 2025, Similipal - designated as the second national park of the state - is located in:
Ans	<div><div><input type="checkbox"/></div>1. Madhya Pradesh</div> <div><div><input checked="" type="checkbox"/></div>2. Odisha</div> <div><div><input type="checkbox"/></div>3. Gujarat</div> <div><div><input type="checkbox"/></div>4. Assam</div>
Q.39	What was Abhinash Jamwal's achievement at the 2025 World Boxing Cup?
Ans	<div><div><input type="checkbox"/></div>1. He won a gold medal in the 65 kg category.</div> <div><div><input checked="" type="checkbox"/></div>2. He bagged a silver medal in the 65 kg category.</div> <div><div><input type="checkbox"/></div>3. He won a bronze medal in the 65 kg category.</div> <div><div><input type="checkbox"/></div>4. He did not win any medal.</div>

Q.40	In a certain code language, 'PAID' is coded as '3517' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?
Ans	<div><div><input type="checkbox"/></div>1. 2</div> <div><div><input type="checkbox"/></div>2. 7</div> <div><div><input type="checkbox"/></div>3. 8</div> <div><div><input checked="" type="checkbox"/></div>4. 5</div>

Q.47 Which of the following numbers is divisible by both 37 and 8?

- Ans
- ✗ 1. 15370
  - ✓ 2. 14208
  - ✗ 3. 13702
  - ✗ 4. 15659

Q.48 What should come in place of the question mark (?) in the given series?

34 46 58 70 ? 94 106

- Ans
- ✗ 1. 88
  - ✗ 2. 86
  - ✗ 3. 80
  - ✓ 4. 82

Q.49 The mode and median of a data set is 14.2 and 60, respectively. What is the mean of the data set? (Use empirical formula.)

- Ans
- ✗ 1. 80.4
  - ✗ 2. 88.6
  - ✓ 3. 82.9
  - ✗ 4. 86.9

Q.50 F is the sister of G. G is the husband of H. H is the daughter of I. I is the wife of J. How is F related to J?

- Ans
- ✗ 1. Daughter's husband's mother
  - ✗ 2. Sister
  - ✓ 3. Daughter's husband's sister
  - ✗ 4. Mother

Q.51 A group of numbers/symbols is coded using letter codes as per the codes given below and the conditions that follow. If none of the conditions apply, then codes for the respective number/symbol to be followed directly as given in the table.

Number/Symbol	3	8	@	&	2	7	5	%	1	9	Δ	4	6
Code	L	E	Z	M	D	W	A	P	R	T	F	B	K

- Conditions:
- (i) If the first element and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
  - (ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as @.
  - (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code for the following group?  
7 2 Δ 8 9 @ 3

- Ans
- ✗ 1. W D F L T Z W
  - ✗ 2. W D F E T Z L
  - ✗ 3. L D F E Z T W
  - ✓ 4. L D F E T Z W

Q.52 Who inaugurated the Shri S Ramakrishnan Centre of Excellence at IIT Madras in 2025?

- Ans
- ✓ 1. ISRO Chairman
  - ✗ 2. Director of IIT Madras
  - ✗ 3. Scientific Secretary of ISRO
  - ✗ 4. Union Minister for Space



Q.53	The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 19% per annum is ₹590. Find the sum [rounded off to the nearest integer].
Ans	<div><div><input type="checkbox"/></div>1. ₹16,358</div> <div><div><input type="checkbox"/></div>2. ₹16,335</div> <div><div><input checked="" type="checkbox"/></div>3. ₹16,343</div> <div><div><input type="checkbox"/></div>4. ₹16,336</div>
Q.54	The irrigation method in India that distributes water through pipes under low pressure to each plant is called:
Ans	<div><div><input type="checkbox"/></div>1. furrow irrigation</div> <div><div><input type="checkbox"/></div>2. tubewell irrigation</div> <div><div><input checked="" type="checkbox"/></div>3. localised irrigation</div> <div><div><input type="checkbox"/></div>4. canal irrigation</div>
Q.55	Let AB and CD be two parallel lines and PQ be a transversal, such that PQ intersects AB at the point R and CD at the point S. If $\angle ARP = 2x^\circ$ , $\angle ARQ = y^\circ$ and $\angle DSP = 4x^\circ$ , then find the values of x and y, respectively.
Ans	<div><div><input type="checkbox"/></div>1. 100; 40</div> <div><div><input type="checkbox"/></div>2. 120; 30</div> <div><div><input checked="" type="checkbox"/></div>3. 30; 120</div> <div><div><input type="checkbox"/></div>4. 40; 100</div>
Q.56	In which year did the National Development Council (NDC) recommend a national policy on co-operatives?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 1958</div> <div><div><input type="checkbox"/></div>2. 1962</div> <div><div><input type="checkbox"/></div>3. 1975</div> <div><div><input type="checkbox"/></div>4. 1947</div>
Q.57	Which ruler of the Western Kshatrapas dynasty is primarily known for restoring the Sudarshana Lake in Kathiawar?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Rudradaman I</div> <div><div><input type="checkbox"/></div>2. Azes</div> <div><div><input type="checkbox"/></div>3. Nahapana</div> <div><div><input type="checkbox"/></div>4. Maues</div>
Q.58	Where did the fifth session of the Intergovernmental Negotiating Committee (INC-5) to end plastic pollution take place?
Ans	<div><div><input type="checkbox"/></div>1. Berlin, Germany</div> <div><div><input checked="" type="checkbox"/></div>2. Busan, South Korea</div> <div><div><input type="checkbox"/></div>3. Nairobi, Kenya</div> <div><div><input type="checkbox"/></div>4. Tokyo, Japan</div>
Q.59	Walking at $\frac{2}{7}$ of his normal speed, Abhijeet is 70 minutes late in reaching his office.  The usual time taken by him to cover the distance between his home and his office is:
Ans	<div><div><input checked="" type="checkbox"/></div>1. 28 minutes</div> <div><div><input type="checkbox"/></div>2. 37 minutes</div> <div><div><input type="checkbox"/></div>3. 21 minutes</div> <div><div><input type="checkbox"/></div>4. 33 minutes</div>

Q.60	KQRL is related to OTTM in a certain way based on the English alphabetical order. In the same way, SWVN is related to WZXO. To which of the given options is ACZP related, following the same logic?
Ans	<div><div><div>✖</div><div>1. DEAP</div></div><div><div>✖</div><div>2. DGBP</div></div><div><div>✖</div><div>3. FDZR</div></div><div><div>✔</div><div>4. EFBQ</div></div></div>
Q.61	Who among the following has been appointed as the 26 <sup>th</sup> Governor of Reserve Bank of India in December 2024?
Ans	<div><div><div>✖</div><div>1. Tuhin Kumar Pandey</div></div><div><div>✖</div><div>2. Arunish Chawla</div></div><div><div>✖</div><div>3. Gyanesh Kumar</div></div><div><div>✔</div><div>4. Sanjay Malhotra</div></div></div>
Q.62	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. The product of floors on which E and F live is 10. A lives immediately above C. The sum of floors on which B and E live is 11. What is the sum of floors on which C and D live?
Ans	<div><div><div>✖</div><div>1. 6</div></div><div><div>✔</div><div>2. 4</div></div><div><div>✖</div><div>3. 5</div></div><div><div>✖</div><div>4. 7</div></div></div>
Q.63	If 2% of x = 24, then x is equal to:
Ans	<div><div><div>✖</div><div>1. 1300</div></div><div><div>✖</div><div>2. 2500</div></div><div><div>✔</div><div>3. 1200</div></div><div><div>✖</div><div>4. 2400</div></div></div>
Q.64	Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which 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	<div><div><div>✖</div><div>1. JM - IL</div></div><div><div>✖</div><div>2. NQ - MP</div></div><div><div>✖</div><div>3. FI - EH</div></div><div><div>✔</div><div>4. NT - JK</div></div></div>
Q.65	Which of the following is a common component in toothpaste, for cleaning the teeth by neutralising the excess acid to prevent tooth decay?
Ans	<div><div><div>✔</div><div>1. Bases</div></div><div><div>✖</div><div>2. Halogens</div></div><div><div>✖</div><div>3. Acids</div></div><div><div>✖</div><div>4. Salts</div></div></div>
Q.66	In the context of file systems, what is the primary purpose of a file system 'metadata'?
Ans	<div><div><div>✖</div><div>1. To optimise the physical storage of file data on the storage device for faster access</div></div><div><div>✖</div><div>2. To define the graphical representation of files and folders for the user</div></div><div><div>✖</div><div>3. To store the actual content and data of the files</div></div><div><div>✔</div><div>4. To record information about the files and directories, such as their names, sizes, timestamps and permissions</div></div></div>

Q.67	The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 200, determine the number of boys participating in the sports.
Ans	<div><div><input type="checkbox"/></div><div>1. 1020</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. 1000</div></div> <div><div><input type="checkbox"/></div><div>3. 975</div></div> <div><div><input type="checkbox"/></div><div>4. 1030</div></div>
Q.68	In a certain code language, 'good morning all' is coded as 'cx fg zq' and 'all students present' is coded as 'zq nr vk'. How is 'all' coded in the given language?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. zq</div></div> <div><div><input type="checkbox"/></div><div>2. nr</div></div> <div><div><input type="checkbox"/></div><div>3. fg</div></div> <div><div><input type="checkbox"/></div><div>4. vk</div></div>
Q.69	Who among the following won the 2024 Booker Prize for Fiction for their novel Orbital, which explores themes of isolation, the human condition, and our relationship with Earth?
Ans	<div><div><input type="checkbox"/></div><div>1. Sally Rooney</div></div> <div><div><input type="checkbox"/></div><div>2. Colson Whitehead</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Samantha Harvey</div></div> <div><div><input type="checkbox"/></div><div>4. Douglas Stuart</div></div>
Q.70	The value of $19^3 - 14^2 + \left(\frac{8}{2}\right)^2 - 19 + 5 \times 20 =$
Ans	<div><div><input type="checkbox"/></div><div>1. 6761</div></div> <div><div><input type="checkbox"/></div><div>2. 6753</div></div> <div><div><input type="checkbox"/></div><div>3. 6758</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. 6760</div></div>
Q.71	<p>This question is based on the five, three-digit numbers given below.</p> <p>(Left) 210 878 407 692 140 (Right)</p> <p>(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)</p> <p>(NOTE: All operations to be done from left to right.)</p> <p>What will be the resultant if the third digit of the highest number is subtracted from the first digit of the lowest number?</p>
Ans	<div><div><input type="checkbox"/></div><div>1. -6</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. -7</div></div> <div><div><input type="checkbox"/></div><div>3. -8</div></div> <div><div><input type="checkbox"/></div><div>4. -4</div></div>
Q.72	If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2645783, what will be the sum of the highest and lowest digits in the new number thus formed?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. 10</div></div> <div><div><input type="checkbox"/></div><div>2. 14</div></div> <div><div><input type="checkbox"/></div><div>3. 12</div></div> <div><div><input type="checkbox"/></div><div>4. 16</div></div>

Q.73	If + means −, − means ×, × means ÷, and ÷ means +, then what will come in place of the question mark (?) in the following equation?  30 − 5 ÷ 2 + 10 × 2 = ?
Ans	<div><div><input type="radio"/></div>1. 150</div> <div><div><input checked="" type="radio"/></div>2. 147</div> <div><div><input type="radio"/></div>3. 100</div> <div><div><input type="radio"/></div>4. 125</div>
Q.74	A dealer marks his goods 65% above the cost price and allows a discount of 8% on the marked price. What is his gain or loss percentage?
Ans	<div><div><input type="radio"/></div>1. 53.34% gain</div> <div><div><input checked="" type="radio"/></div>2. 51.8% gain</div> <div><div><input type="radio"/></div>3. 51.74% loss</div> <div><div><input type="radio"/></div>4. 52.07% loss</div>
Q.75	9 men or 8 women can do a job in 19 days. 9 men work for 9 days and leave. The number of women required to complete the remaining work in 8 days is:
Ans	<div><div><input type="radio"/></div>1. 12</div> <div><div><input type="radio"/></div>2. 11</div> <div><div><input checked="" type="radio"/></div>3. 10</div> <div><div><input type="radio"/></div>4. 8</div>
Q.76	Sunny starts from point A and drives 11 km towards the east. He then takes a left turn, drives 8 km, turns left and drives 12 km. He then takes a left turn and drives 10 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	<div><div><input type="radio"/></div>1. 2 km to the south</div> <div><div><input checked="" type="radio"/></div>2. 2 km to the north</div> <div><div><input type="radio"/></div>3. 1 km to the south</div> <div><div><input type="radio"/></div>4. 4 km to the south</div>
Q.77	In October 2024, Nayab Singh Saini sworn in for his second term as the Chief Minister of which Indian state?
Ans	<div><div><input checked="" type="radio"/></div>1. Haryana</div> <div><div><input type="radio"/></div>2. Rajasthan</div> <div><div><input type="radio"/></div>3. Punjab</div> <div><div><input type="radio"/></div>4. Uttar Pradesh</div>
Q.78	In the ministerial hierarchy in India, Ministers of State generally have:
Ans	<div><div><input type="radio"/></div>1. no executive responsibility in any of the portfolios</div> <div><div><input checked="" type="radio"/></div>2. secondary rank within the portfolios assigned to Cabinet Ministers</div> <div><div><input type="radio"/></div>3. authority over the Cabinet portfolios</div> <div><div><input type="radio"/></div>4. equal standing with Cabinet Ministers in their assigned portfolios</div>
Q.79	Which of the following statements correctly describe(s) the 'Gorakhnath Sharma vs. State of Chhattisgarh' case, as ruled by the Chhattisgarh High Court in February 2025? The case involved allegations of brutal non-consensual sexual assault by a husband on his wife, leading to her death. The Chhattisgarh High Court convicted the husband and awarded maximum punishment in the case of rape.
Ans	<div><div><input type="radio"/></div>1. Both 1 and 2</div> <div><div><input type="radio"/></div>2. Neither 1 nor 2</div> <div><div><input type="radio"/></div>3. Only 2</div> <div><div><input checked="" type="radio"/></div>4. Only 1</div>

Q.80 The mean proportional between  $(11 + 5\sqrt{2})$  and  $(9 - 5\sqrt{2})$  is:

- Ans
- ☐ 1.  $20\sqrt{1}$
  - ☒ 2.  $7\sqrt{1}$
  - ☐ 3.  $18\sqrt{1}$
  - ☐ 4.  $14\sqrt{1}$

Q.81 When 1278, 2368 and 4318 are divided by the greatest number x, the remainder in each case is y. What is the value of  $(3x - 14y)$ ?

- Ans
- ☒ 1. -82
  - ☐ 2. -85
  - ☐ 3. -79
  - ☐ 4. -86

Q.82 In MS PowerPoint 2019, which of the following tabs must you first select to access the 'Open' option for loading a saved PowerPoint file?

- Ans
- ☒ 1. File tab
  - ☐ 2. Insert tab
  - ☐ 3. Design tab
  - ☐ 4. Home tab

Q.83 The first parallel government, following the Quit India Movement, was established in which city?

- Ans
- ☐ 1. Ballia
  - ☐ 2. Talchar
  - ☐ 3. Benaras
  - ☒ 4. Satara

Q.84 The length of a rectangular park is 27 m more than its breadth. Its area is  $2268\text{ m}^2$ . Its breadth (in m) is:

- Ans
- ☐ 1. 23
  - ☐ 2. 40
  - ☐ 3. 38
  - ☒ 4. 36

Q.85 This question is based on the five, three-digit numbers given below.

(Left) 993 281 995 257 599 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)  
(NOTE: All operations to be done from left to right.)

What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐ 1. 8
  - ☒ 2. 7
  - ☐ 3. 10
  - ☐ 4. 6

Q.86 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

45 ÷ 13 – 286 × 2 + 68 =?

- Ans
- ☒ 1. 680
  - ☒ 2. 670
  - ☒ 3. 660
  - ☒ 4. 690

Q.87 The 2025 SEA Games were scheduled to be held in which country?

- Ans
- ☒ 1. Malaysia
  - ☒ 2. Indonesia
  - ☒ 3. Vietnam
  - ☒ 4. Thailand

Q.88 Simplify:  $71 + \frac{62}{7} + 30 - 31$

- Ans
- ☒ 1.  $\frac{542}{7}$
  - ☒ 2.  $\frac{558}{7}$
  - ☒ 3.  $\frac{552}{7}$
  - ☒ 4.  $\frac{557}{7}$

Q.89 One pipe can fill the tank in 7 minutes while another pipe can empty the completely filled tank in 56 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

- Ans
- ☒ 1. 7
  - ☒ 2. 12
  - ☒ 3. 6
  - ☒ 4. 13

Q.90 Which of the following programmes received the highest score in the Data Governance Quality Index (DGQI) for the Department of Rural Development for the year 2023-24?

- Ans
- ☒ 1. National Social Assistance Programme
  - ☒ 2. MGNREGA-Programme Component
  - ☒ 3. Pradhan Mantri Gram Sadak Yojana
  - ☒ 4. Deen Dayal Upadhyaya Grameen Kaushalya Yojana

Q.91 If  $x + y = 14$ , product of  $x$  and  $y$  is 45, then the value of  $x^4 + y^4$  is:

- Ans
- ☒ 1. 7177
  - ☒ 2. 7141
  - ☒ 3. 7090
  - ☒ 4. 7186

**Q.92** 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 tubs are shirts.  
Some shirts are jams.  
No jam is a coat.

**Conclusions:**  
(I) No tub is a coat.  
(II) Some jams are tubs.

- Ans**
- ☒ 1. Only conclusion (II) follows
  - ☒ 2. Only conclusion (I) follows
  - ☒ 3. Neither conclusion (I) nor (II) follows
  - ☒ 4. Both conclusions (I) and (II) follow

**Q.93** Which of the following is NOT a subdivision of the Meghalaya Plateau?

- Ans**
- ☒ 1. Garo Hills
  - ☒ 2. Khasi Hills
  - ☒ 3. Jaintia Hills
  - ☒ 4. Mikir Hills

**Q.94** In the 2025 Delhi Legislative Assembly elections, after how many years did the Bharatiya Janata Party (BJP) win the majority, and how many seats did it secure?

- Ans**
- ☒ 1. After 25 years, securing 48 seats
  - ☒ 2. After 35 years, securing 55 seats
  - ☒ 3. After 27 years, securing 48 seats
  - ☒ 4. After 30 years, securing 50 seats

**Q.95** P, Q, R, S, T, U and V are sitting around a circular table facing the centre. U sits to the immediate right of T. Only three people sit between U and V when counted from the left of U. Only three people sit between T and R. Q sits to the immediate right of P. How many people sit between T and P when counted from the left of P?

- Ans**
- ☒ 1. 3
  - ☒ 2. 1
  - ☒ 3. 4
  - ☒ 4. 2

**Q.96** Where did Mendeleev arrange the elements in the periodic table with similar properties?

- Ans**
- ☒ 1. Vertical column
  - ☒ 2. Atomic series
  - ☒ 3. Horizontal row
  - ☒ 4. Block

**Q.97** Rohit bought an article for ₹4,400. He spent ₹3,600 on it. He marked the price 25% above his total cost price. He then allowed two successive discounts of 19% on it. Find the selling price (in ₹) of the article.

- Ans**
- ☒ 1. 6,560
  - ☒ 2. 6,563
  - ☒ 3. 6,561
  - ☒ 4. 6,564

**Q.98** The sum of the present ages of a father and his son is 19 years more than 2 times the present age of the son. After 15 years, 12 times the father's age will be 17 years less than 13 times the son's age. The difference (in years) between the present ages of the father and the son is:

- Ans**
- ☒ 1. 14
  - ☒ 2. 24
  - ☒ 3. 19
  - ☒ 4. 21

**Q.99** Rohit marks the price of his article 60% more than its cost price. If he sells the article for ₹18,510 after allowing a discount of 85%, then what will be the cost price (in ₹) of the article?

- Ans**
- ☒ 1. 77,124
  - ☒ 2. 77,128
  - ☒ 3. 77,127
  - ☒ 4. 77,125

**Q.100** What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BIG DKI FMK HOM ?

- Ans**
- ☒ 1. JRP
  - ☒ 2. JQO
  - ☒ 3. JRO
  - ☒ 4. JQP