



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



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|-----------|---------------------------|
| Test Date | 14/06/2025                |
| 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 At what rate of interest per annum will a sum of ₹8,000 amount to ₹15,625 in 1 year and 6 months, if the interest is compounded half-yearly?

- Ans ☒ 1. 65%
- ☒ 2. 50%
- ☒ 3. 67%
- ☒ 4. 70%

Q.2 Find the value of  $\sqrt{125} + \sqrt{344} + \sqrt{289}$  .

- Ans ☒ 1. 7
- ☒ 2. 12
- ☒ 3. 8
- ☒ 4. 22

Q.3 Arpan starts from Point A and drives 12 km towards East. He then takes a right turn, drives 8 km, turns right and drives 14 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

- Ans ☒ 1. 4 km to the south
- ☒ 2. 3 km to the south
- ☒ 3. 2 km to the south
- ☒ 4. 1 km to the south

Q.4 The greatest number that divides 152 and 181 leaving remainders 2 and 6, respectively, is:

- Ans ☒ 1. 33
- ☒ 2. 35
- ☒ 3. 25
- ☒ 4. 34

Q.5 How many times may the President of India ask the Prime Minister to have an executive recommendation reconsidered by the Cabinet?

- Ans ☒ 1. It is at the President's absolute discretion without limits.
- ☒ 2. As many times as needed
- ☒ 3. Twice
- ☒ 4. Only once

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| Q.6  | <p>Ganesh starts from point A and drives 11 km towards the south. He then takes a right turn, drives 8 km, turns right and drives 15 km. He then takes a right turn and drives 12 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.)</p>                                       |
| Ans  | <div><div></div>1. 4 km to the west</div> <div><div></div>2. 3 km to the west</div> <div><div></div>3. 3 km to the east</div> <div><div></div>4. 4 km to the east</div>                                                                                                                                                                                                                                                                                        |
| Q.7  | <p>In a certain code language, 'WILD' is coded as '5391' and 'DOGS' is coded as '2458'. What is the code for 'D' in the given code language?</p>                                                                                                                                                                                                                                                                                                               |
| Ans  | <div><div></div>1. 1</div> <div><div></div>2. 4</div> <div><div></div>3. 2</div> <div><div></div>4. 5</div>                                                                                                                                                                                                                                                                                                                                                    |
| Q.8  | <p>What are the names of the venues where the Khelo India Para Games (KIPG) 2025 was held?</p>                                                                                                                                                                                                                                                                                                                                                                 |
| Ans  | <div><div></div>1. Jawaharlal Nehru Indoor Stadium and Indira Gandhi Indoor Stadium</div> <div><div></div>2. Major Dhyan Chand National Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range</div> <div><div></div>3. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Talkatora Stadium</div> <div><div></div>4. Jawaharlal Nehru Indoor Stadium, Indira Gandhi Indoor Stadium, and Dr Karni Singh Shooting Range</div> |
| Q.9  | <p>What is the median of the following data?</p> <p>72, 47, 98, 52, 20, 86, 85, 69, 59, 81, 53</p>                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div></div>1. 69.5</div> <div><div></div>2. 69</div> <div><div></div>3. 68.5</div> <div><div></div>4. 70</div>                                                                                                                                                                                                                                                                                                                                            |
| Q.10 | <p>P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. V has an exam on Thursday. Exactly 4 people have their exam between S and U, neither of whom has an exam on Sunday. R has an exam immediately before P. T does not have an exam on Friday. S does not have an exam after P. Who among the following has an exam on Tuesday?</p>                                                                  |
| Ans  | <div><div></div>1. U</div> <div><div></div>2. T</div> <div><div></div>3. R</div> <div><div></div>4. S</div>                                                                                                                                                                                                                                                                                                                                                    |
| Q.11 | <p>Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.</p> <p>(NOTE: All numbers are single digit numbers only.)</p> <p>(Left) 3 % 2 % 2 £ £ &amp; © £ 1 1 8 5 \$ 9 9 5 2 &amp; 5 6 (Right)</p> <p>How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?</p>                                             |
| Ans  | <div><div></div>1. 2</div> <div><div></div>2. 3</div> <div><div></div>3. 1</div> <div><div></div>4. 4</div>                                                                                                                                                                                                                                                                                                                                                    |

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| Q.12 | Which of the given tribal uprisings did NOT take place around the unrest during the Revolt of 1857?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ans  | <div><div> 1. Naikda Movement</div><div> 2. Rebellion of Sambalpur</div><div> 3. Santhal Rebellion</div><div> 4. Birsa Munda Revolt</div></div>                                                                                                 |
| Q.13 | Green Revolution technologies heavily relied on inputs and were scale-sensitive. Why did small and marginal farmers face challenges in adopting Green Revolution technologies?                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> 1. Scarcity of agricultural labourers</div><div> 2. High input costs and credit inaccessibility</div><div> 3. Limited demand for food grains</div><div> 4. Excess availability of land</div></div>                                   |
| Q.14 | In January 2025, Libia Lobo Sardesai was honoured with the Padma Shri for her historical contributions. What role did she play in Indian history?                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div> 1. Goa's liberation movement activist</div><div> 2. Leader in the anti-emergency protest movement</div><div> 3. Leader in the Bhoodan land reform movement</div><div> 4. Defence researcher in Post Independent India</div></div> |
| Q.15 | If 2 is added to each even digit and 2 is added to each odd digit in the number 7153246, what will be the sum of all the odd digits in the new number thus formed?                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> 1. 28</div><div> 2. 21</div><div> 3. 19</div><div> 4. 24</div></div>                                                                                                                                                         |
| Q.16 | In March 2025, India's Parliament passed the Bills of Lading Bill, 2025. What was the primary objective of this legislation?                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> 1. To privatise major ports</div><div> 2. To establish new maritime boundaries</div><div> 3. To regulate inland water transport</div><div> 4. To modernise the 169 years old shipping law</div></div>                        |
| 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 letter-cluster pair that DOES NOT belong to that group?<br>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)                                                                                                                                                                                                                                                |
| Ans  | <div><div> 1. JN - HL</div><div> 2. LP - JK</div><div> 3. NR - LP</div><div> 4. OS - MQ</div></div>                                                                                                                                     |
| Q.18 | What should come in place of the question mark (?) in the given series?<br><br>113 137 106 130 99 123 ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> 1. 116</div><div> 2. 96</div><div> 3. 92</div><div> 4. 110</div></div>                                                                                                                                                       |

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| Q.19 | <p>Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.</p> <p>QV-SX-UW<br/>NS-PU-RT</p> <p>Ans  1. KP-MR-OQ</p> <p> 2. LP-MR-OS</p> <p> 3. KP-MR-OS</p> <p> 4. LP-NR-OS</p>                                                                                                                                                                                         |
| Q.20 | <p>This question is based on the five, three-digit numbers given below.<br/>(Left) 823 664 309 431 175 (Right)</p> <p>(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)<br/>(NOTE: All operations to be done from left to right.)</p> <p>What will be the resultant if the first digit of the highest number is added to the third digit of the lowest number?</p> <p>Ans  1. 16</p> <p> 2. 11</p> <p> 3. 13</p> <p> 4. 14</p> |
| Q.21 | <p>The speed of a boat in still water is 7 km/hr and the speed of the stream is 5 km/hr. A man rows to a place at a distance of 52.8 km and comes back to the starting point. Find the total time (in hours) taken by him.</p> <p>Ans  1. 40.6</p> <p> 2. 23.6</p> <p> 3. 29.9</p> <p> 4. 30.8</p>                                                                                                                                          |
| Q.22 | <p>If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7452183, then what will the difference between the highest and lowest digits in the new number thus formed be?</p> <p>Ans  1. 6</p> <p> 2. 9</p> <p> 3. 8</p> <p> 4. 7</p>                                                                                                                                                                        |
| Q.23 | <p>The average price of three items of furniture is ₹15,135. If their prices are in the ratio 3 : 5 : 7, the price of the cheapest item (in ₹) is:</p> <p>Ans  1. 7,063</p> <p> 2. 3,027</p> <p> 3. 9,081</p> <p> 4. 5,045</p>                                                                                                                                                                                                              |
| Q.24 | <p>What should come in place of the question mark (?) in the given series based on the English alphabetical order?</p> <p>FKP DIN BGL ZEJ ?</p> <p>Ans  1. XCH</p> <p> 2. CXH</p> <p> 3. XHC</p> <p> 4. CHX</p>                                                                                                                                                                                                                             |

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| Q.25 | A 100 m long train overtakes a man moving at a speed of 9 km/hr (in same direction) in 30 seconds. How much time (in seconds) will this train take to completely cross another 220 m long train, moving in the opposite direction at a speed of 51 km/hr?                                                                                                  |
| Ans  | <div><div><div>✖</div><div>1. 34</div></div><div><div>✖</div><div>2. 5</div></div><div><div>✖</div><div>3. 10</div></div><div><div>✔</div><div>4. 16</div></div></div>                                                                                                                                                                                     |
| Q.26 | Which of the following keyboard shortcuts is used to insert a new slide in PowerPoint 2019?                                                                                                                                                                                                                                                                |
| Ans  | <div><div><div>✖</div><div>1. Ctrl + N</div></div><div><div>✔</div><div>2. Ctrl + M</div></div><div><div>✖</div><div>3. Ctrl + K</div></div><div><div>✖</div><div>4. Ctrl + D</div></div></div>                                                                                                                                                            |
| Q.27 | A dealer marks his goods at 5% above the cost price and allows a discount of 67% on the marked price. What is his gain or loss percentage (correct to two decimal places)?                                                                                                                                                                                 |
| Ans  | <div><div><div>✖</div><div>1. 66.14% loss</div></div><div><div>✖</div><div>2. 68.42% loss</div></div><div><div>✔</div><div>3. 65.35% loss</div></div><div><div>✖</div><div>4. 66.1% loss</div></div></div>                                                                                                                                                 |
| Q.28 | Evaluate: $22 - [22 - \{22 - (22 - 22 \times 4)\}]$                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div><div>✖</div><div>1. 111</div></div><div><div>✖</div><div>2. 92</div></div><div><div>✔</div><div>3. 88</div></div><div><div>✖</div><div>4. 101</div></div></div>                                                                                                                                                                                  |
| Q.29 | Which of the following statements is NOT correct with reference to the distribution of elements in the periodic table?                                                                                                                                                                                                                                     |
| Ans  | <div><div><div>✖</div><div>1. There is a zig-zag line separating metals and non-metals.</div></div><div><div>✖</div><div>2. Non-metals are on the top right corner.</div></div><div><div>✔</div><div>3. Metalloids are scattered randomly throughout the table.</div></div><div><div>✖</div><div>4. Metals are located on the left side.</div></div></div> |
| Q.30 | The length of the base of a parallelogram is $(4x^2 - 7xy + y^2)$ m and its height is $(x + y)$ m. Find the area of parallelogram, when $x = 3$ and $y = -2$ .                                                                                                                                                                                             |
| Ans  | <div><div><div>✖</div><div>1. <math>69 \text{ m}^2</math></div></div><div><div>✔</div><div>2. <math>82 \text{ m}^2</math></div></div><div><div>✖</div><div>3. <math>48 \text{ m}^2</math></div></div><div><div>✖</div><div>4. <math>57 \text{ m}^2</math></div></div></div>                                                                                |

**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:**  
Some houses are small.  
Some small are forks.  
All forks are knives.

**Conclusions:**  
(I) Some small are houses.  
(II) Some forks are small.

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

**Q.32** During the 2025 defense expo, Gallium Nitride (GaN) Semiconductor Solutions was highlighted as a key advancement in which area of defense technology?

- Ans**
- ☒ 1. Radar and electronic warfare systems
  - ☒ 2. Combat navigation
  - ☒ 3. Space communications
  - ☒ 4. Cybersecurity infrastructure

**Q.33** JR 11 is related to MV 2 in a certain way. In the same way, KL 7 is related to NP -2. To which of the given options is WO 2 related, following the same logic?

- Ans**
- ☒ 1. ZT -7
  - ☒ 2. AT -7
  - ☒ 3. AS -5
  - ☒ 4. ZS -7

**Q.34** The mean proportional between  $(18 + 10\sqrt{7})$  and  $(18 - 4\sqrt{7})$  is:

- Ans**
- ☒ 1.  $\sqrt{44 + 108\sqrt{7}}$
  - ☒ 2.  $\sqrt{4 + 56\sqrt{7}}$
  - ☒ 3.  $\sqrt{44 + 56\sqrt{7}}$
  - ☒ 4.  $\sqrt{10 + 56\sqrt{7}}$

**Q.35** What is the setting for Alice Feeney’s 2025 psychological thriller Beautiful Ugly?

- Ans**
- ☒ 1. East Gladness, Connecticut
  - ☒ 2. Prague, Czech Republic
  - ☒ 3. A remote Scottish island
  - ☒ 4. A Nebraskan town during the Dust Bowl

**Q.36** Which of the following is NOT a type of quadrilateral?

- Ans**
- ☒ 1. Octagon
  - ☒ 2. Trapezoid
  - ☒ 3. Kite
  - ☒ 4. Rhombus

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| Q.37 | As per the Ministry of Finance, what percentage of India's population filed income tax returns in FY 2023-24?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> 1. 66.8%</div><div> 2. 6.68%</div><div> 3. 36.68%</div><div> 4. 16.68%</div></div>                                                                                                                                                                                                                                                                                  |
| Q.38 | <p>In a certain code language,<br/>'A + B' means 'A is the sister of B'<br/>'A – B' means 'A is the brother of B'<br/>'A × B' means 'A is the wife of B'<br/>'A ÷ B' means 'A is the father of B'.</p> <p>Based on the above, how is M related to Q if 'M ÷ N + O – P × Q'?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Ans  | <div><div> 1. Brother</div><div> 2. Wife's Brother</div><div> 3. Father</div><div> 4. Wife's Father</div></div>                                                                                                                                                                                                                                                                |
| Q.39 | The Great Plains of India were primarily formed due to the deposition by which of the following rivers?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> 1. Krishna, Godavari and Kaveri</div><div> 2. Yamuna, Sutlej and Gomti</div><div> 3. Indus, Ganga and Brahmaputra</div><div> 4. Narmada, Tapi and Mahanadi</div></div>                                                                                                                                                                                         |
| Q.40 | As per IMF's January 2025 report, what is the projected global headline inflation rate for 2025?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div> 1. 5.0%</div><div> 2. 6.0%</div><div> 3. 6.5%</div><div> 4. 4.2%</div></div>                                                                                                                                                                                                                                                                                |
| Q.41 | Which action best describes the effect of applying bullets or numbering to a selection of text in MS Word?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> 1. It converts the selected text into a structured list with symbols or numbers for better organization.</div><div> 2. It applies a background color to highlight important paragraphs.</div><div> 3. It automatically splits the document into multiple sections.</div><div> 4. It hides the selected content to protect it from being viewed.</div></div> |
| Q.42 | In a bag containing red, green, and pink tokens, the ratio of red to green tokens is 7 : 4, while the ratio of pink to red tokens is 20 : 11. What is the ratio of green to pink tokens?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> 1. 12 : 37</div><div> 2. 11 : 35</div><div> 3. 9 : 38</div><div> 4. 12 : 41</div></div>                                                                                                                                                                                                                                                                     |
| Q.43 | If 4 : 16 :: 7.3 : x and 4 : 32 :: 7 : y. What is the ratio of x to y?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> 1. 73 : 140</div><div> 2. 71 : 141</div><div> 3. 74 : 138</div><div> 4. 77 : 150</div></div>                                                                                                                                                                                                                                                                |

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| Q.44 | In modern motherboards, which component is directly connected to the CPU to facilitate high-speed communication?                                                                                                                                                                |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Northbridge</div><div><input type="checkbox"/> 2. GPU</div><div><input type="checkbox"/> 3. PCB</div><div><input type="checkbox"/> 4. ROM</div></div>                                                                          |
| Q.45 | In April 2025, India's trade deficit with which country widened to a record \$99.2 billion?                                                                                                                                                                                     |
| Ans  | <div><div><input type="checkbox"/> 1. The US</div><div><input checked="" type="checkbox"/> 2. China</div><div><input type="checkbox"/> 3. The UK</div><div><input type="checkbox"/> 4. Germany</div></div>                                                                      |
| Q.46 | Which of the following dance forms is often accompanied by the famous song form 'Thumri'?                                                                                                                                                                                       |
| Ans  | <div><div><input type="checkbox"/> 1. Kuchipudi</div><div><input checked="" type="checkbox"/> 2. Kathak</div><div><input type="checkbox"/> 3. Sattriya</div><div><input type="checkbox"/> 4. Chhau</div></div>                                                                  |
| Q.47 | By when must an employer deposit employee deductions with a co-operative society if wages are paid daily?                                                                                                                                                                       |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Within 7 days of deduction</div><div><input type="checkbox"/> 2. Within 24 hours</div><div><input type="checkbox"/> 3. Before the weekly holiday</div><div><input type="checkbox"/> 4. Before the next working day</div></div> |
| Q.48 | The Amaravati Stupa had been built by which of the following rulers?                                                                                                                                                                                                            |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Satavahana</div><div><input type="checkbox"/> 2. Shungas</div><div><input type="checkbox"/> 3. Mauryas</div><div><input type="checkbox"/> 4. Guptas</div></div>                                                                |
| Q.49 | Narcondam Island is located in:                                                                                                                                                                                                                                                 |
| Ans  | <div><div><input type="checkbox"/> 1. Gulf of Mannar</div><div><input type="checkbox"/> 2. Lakshadweep</div><div><input type="checkbox"/> 3. Arabian Sea</div><div><input checked="" type="checkbox"/> 4. Andaman Sea</div></div>                                               |
| Q.50 | The evidence of the earliest cotton cultivation in the Indus valley is found at which site?                                                                                                                                                                                     |
| Ans  | <div><div><input type="checkbox"/> 1. Kalibangan</div><div><input checked="" type="checkbox"/> 2. Mehrgarh</div><div><input type="checkbox"/> 3. Harappa</div><div><input type="checkbox"/> 4. Rakhigarhi</div></div>                                                           |
| Q.51 | A man has invested ₹50,000 at a rate of 12% per annum simple interest for 4 years. Find the amount (in ₹) that he will receive after 4 years.                                                                                                                                   |
| Ans  | <div><div><input type="checkbox"/> 1. 75,000</div><div><input checked="" type="checkbox"/> 2. 74,000</div><div><input type="checkbox"/> 3. 25,000</div><div><input type="checkbox"/> 4. 24,000</div></div>                                                                      |

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| Q.52 | If 4% of x = 24, then x is equal to:                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> 1. 1300</div><div> 2. 700</div><div> 3. 600</div><div> 4. 1200</div></div>                                                                      |
| Q.53 | What will come in the place of the question mark '(?)' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?<br><br>$116 \div 5 - 423 \times 3 + 13 = ?$                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div> 1. 508</div><div> 2. 808</div><div> 3. 708</div><div> 4. 608</div></div>                                                                        |
| Q.54 | The marked price of a laptop is ₹750. It sells with two successive discounts of 4% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the laptop on cash payment?                                                                                                                                                                                                                                                                               |
| Ans  | <div><div> 1. 402</div><div> 2. 406</div><div> 3. 405</div><div> 4. 407</div></div>                                                                      |
| Q.55 | The channel between Minicoy and the Maldives is known as the:                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> 1. Equatorial Channel</div><div> 2. Eight Degree Channel</div><div> 3. Ten Degree Channel</div><div> 4. Nine Degree Channel</div></div> |
| Q.56 | The Indian High Courts Act was passed in the year _____.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ans  | <div><div> 1. 1909</div><div> 2. 1861</div><div> 3. 1857</div><div> 4. 1872</div></div>                                                            |
| Q.57 | In a certain code language, 'FIRE' is coded as '5371' and 'ACID' is coded as '8247'.<br><br>What is the code for 'I' in the given code language?                                                                                                                                                                                                                                                                                                                                               |
| Ans  | <div><div> 1. 3</div><div> 2. 2</div><div> 3. 4</div><div> 4. 7</div></div>                                                                        |
| Q.58 | Which of the following components is/are NOT a part of the Central Processing Unit (CPU)?                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> 1. Control Unit (CU)</div><div> 2. Graphic Card</div><div> 3. Arithmetic Logic Unit (ALU)</div><div> 4. Registers</div></div>           |

Q.59 If the eight-digit number 51880p69 is divisible by 3, then the maximum value of p is:

- Ans
- ☒ 1. 4
  - ☒ 2. 8
  - ☒ 3. 6
  - ☒ 4. 3

Q.60 Which of the following statements best describes the Indian Union Cabinet's role in legislation?

- Ans
- ☒ 1. The Cabinet is the only law-making body in India.
  - ☒ 2. The Cabinet has judicial authority over legislations surpassing the judiciary.
  - ☒ 3. The Cabinet gives final shape to government bills and prepares the legislative agenda.
  - ☒ 4. The Cabinet enacts laws without any involvement of any house of the Indian Parliament.

Q.61 The roots of the quadratic equation  $7x^2 - 10x + 3 = 0$  are:

- Ans
- ☒ 1.  $1$  and  $\frac{3}{7}$
  - ☒ 2.  $-1$  and  $-\frac{3}{7}$
  - ☒ 3.  $-1$  and  $\frac{3}{7}$
  - ☒ 4.  $1$  and  $-\frac{3}{7}$

Q.62 If the mode of a data exceeds its mean by 20.1, then the mode exceeds the median by \_\_\_\_\_. (Use empirical formula)

- Ans
- ☒ 1. 18.6
  - ☒ 2. 4.4
  - ☒ 3. 13.4
  - ☒ 4. 3.9

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 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. BK – IF
  - ☒ 2. HQ – OL
  - ☒ 3. TC – AY
  - ☒ 4. PY – WT

Q.64 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. U has an exam on Tuesday. Only two people have exams between P and U. V has an exam immediately before R but not on Saturday. T has an exam after P but before Q. How many people have exams between S and Q?

- Ans
- ☒ 1. Three
  - ☒ 2. Four
  - ☒ 3. Two
  - ☒ 4. Five

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| Q.65 | MS 14 is related to OV 8 in a certain way. In the same way, NN 5 is related to PQ –1. To which of the given options is SR 6 related, following the same logic?                                                                                                                                                                                                                                                                                                                                                                          |
| Ans  | <div><div> 1. OO 4</div><div> 2. UU 0</div><div> 3. KP 3</div><div> 4. OI 6</div></div>                                                                                                             |
| Q.66 | The tripartite struggle for Kannauj was among the:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> 1. Cholas, Pandyas and Cheras</div><div> 2. Palas, Gurjara-Pratiharas and Rashtrakutas</div><div> 3. Guptas, Hunas and Palas</div><div> 4. Chalukyas, Palas and Rashtrakutas</div></div> |
| Q.67 | In April 2025, in which city of India did the Central Zoo Authority (CZA) approve the city's first deer park?                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> 1. Faridabad</div><div> 2. Moradabad</div><div> 3. Hisar</div><div> 4. Noida</div></div>                                                                                                 |
| Q.68 | Refer to the following number and symbol series and answer the question that follows.<br>Counting to be done from left to right only.<br><br>(Left) £ * 6 @ 1 £ 8 6 @ % \$ 7 # 1 9 # 6 % * 5 € & (Right)<br><br>How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?                                                                                                                                                                                            |
| Ans  | <div><div> 1. 6</div><div> 2. 5</div><div> 3. 7</div><div> 4. 4</div></div>                                                                                                                 |
| Q.69 | Which Indian freedom fighter was one of the first to openly support Marxist and communist ideologies, and played a pioneering role in the labour movement and the formation of the Communist Party of India?                                                                                                                                                                                                                                                                                                                            |
| Ans  | <div><div> 1. Chidambaram Pillai</div><div> 2. Purushottamdas</div><div> 3. Pulin Das</div><div> 4. M N Roy</div></div>                                                                     |
| Q.70 | A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only B sits between H and A. A sits third to the left of D. G sits to the immediate left of D. C is not an immediate neighbour of A. Who sits third to the left of I?                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> 1. G</div><div> 2. C</div><div> 3. A</div><div> 4. H</div></div>                                                                                                                 |
| Q.71 | How many functional items are listed in the Eleventh Schedule of the Indian Constitution for Panchayats?                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div> 1. 36</div><div> 2. 11</div><div> 3. 21</div><div> 4. 29</div></div>                                                                                                             |

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| Q.72 | Enzyme cofactors such as NAD <sup>+</sup> function mainly by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ans  | <div><div> 1. increasing the overall concentration of the enzyme</div><div> 2. acting as a permanent structural component of the enzyme</div><div> 3. lowering the activation energy by stabilising the transition state</div><div> 4. providing a binding site for competitive inhibitors</div></div>                                                           |
| Q.73 | 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. U has an exam on Wednesday. Exactly 4 people have an exam between Q and V, neither of whom has an exam on Monday. P has an exam immediately before S, and R has an exam immediately after S. T has an exam immediately before Q. How many people have an exam before Q?                                                                                                                                                                                                                                                                                          |
| Ans  | <div><div> 1. 1</div><div> 2. 2</div><div> 3. 3</div><div> 4. 4</div></div>                                                                                                                                                                                                                                                                                      |
| Q.74 | The shorter side of a rectangle is 24 cm less than the longer side. The numerical value of its area is equal to 8 times the numerical value of its perimeter. What is the length (in cm) of its longer side?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> 1. 57</div><div> 2. 48</div><div> 3. 52</div><div> 4. 54</div></div>                                                                                                                                                                                                                                                                               |
| Q.75 | <p>Which of the following statements regarding the Uttar Poorva Transformative Industrialization Scheme (UNNATI), as highlighted in Rajya Sabha Unstarred Question (answered on 20 December 2024), is/are correct?</p> <p>The total budget outlay for the UNNATI Scheme is ₹10,037 crores, with 60% of the outlay allocated to the North East Region.</p> <p>Capital Investment Incentives in Zone A districts are higher than in Zone B districts.</p> <p>The UNNATI Scheme is effective for 10 years, with an additional 8 years for meeting committed liabilities.</p> <p>The UNNATI Scheme is a Central sector scheme implemented under the Ministry of Development of North Eastern Region.</p> |
| Ans  | <div><div> 1. 1 Only</div><div> 2. 1, 2, 3 and 4</div><div> 3. 1 and 3 Only</div><div> 4. 2 and 3 Only</div></div>                                                                                                                                                                                                                                       |
| Q.76 | As of April 2025, how many languages are listed in the Eighth Schedule of the Indian Constitution?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ans  | <div><div> 1. 20</div><div> 2. 22</div><div> 3. 14</div><div> 4. 18</div></div>                                                                                                                                                                                                                                                                          |
| Q.77 | Which of the following is the largest Peninsular river?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div> 1. Narmada</div><div> 2. Godavari</div><div> 3. Mahanadi</div><div> 4. Kaveri</div></div>                                                                                                                                                                                                                                                     |

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| Q.78 | A water tank can be filled in 38 minutes by using 44 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 37 pipes of the same capacity as above?                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> 1. 49.75</div><div> 2. 39.05</div><div> 3. 43.91</div><div> 4. 45.19</div></div>                                                                                                                                                      |
| Q.79 | Find the average of all prime numbers between 20 and 40.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> 1. 25</div><div> 2. 28</div><div> 3. 30</div><div> 4. 20</div></div>                                                                                                                                                                  |
| Q.80 | A shopkeeper purchased 59 dozens of articles at the rate of ₹728 per dozen. He sold each one of them at the rate of ₹91. What percentage profit did he make?                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ans  | <div><div> 1. 50%</div><div> 2. 52%</div><div> 3. 48%</div><div> 4. 49%</div></div>                                                                                                                                                              |
| Q.81 | Globalisation refers to the integration of economies worldwide. Which of the following was a major globalisation strategy adopted by the Indian government in 1991?                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> 1. Promoting import substitution industrialisation</div><div> 2. Reducing trade barriers and encouraging foreign investment</div><div> 3. Imposing high export tariffs</div><div> 4. Imposing high import tariffs</div></div> |
| Q.82 | What should come in place of the question mark (?) in the given series?<br><br>872 870 866 860 852 ?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Ans  | <div><div> 1. 840</div><div> 2. 842</div><div> 3. 843</div><div> 4. 841</div></div>                                                                                                                                                      |
| Q.83 | Mahesh gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,90,400. What was his sale (in ₹) two years ago? (Rounded off to two decimal places.)                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div><div> 1. 1,86,666.67</div><div> 2. 1,58,666.67</div><div> 3. 1,55,555.56</div><div> 4. 1,35,555.56</div></div>                                                                                                                      |
| Q.84 | What should come in place of the question mark (?) in the given series based on the English alphabetical order?<br><br>OQJ MOH KMF IKD ?                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ans  | <div><div> 1. GIB</div><div> 2. GIC</div><div> 3. GJB</div><div> 4. GJC</div></div>                                                                                                                                                      |

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| Q.85 | If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 6318574, how many digits will appear more than once in the new number thus formed?                                                                                                                                                                                               |
| Ans  | <div> <div>✓ 1. Three</div> <div>✗ 2. Four</div> <div>✗ 3. Two</div> <div>✗ 4. One</div> </div>                                                                                                                                                                                                                                                                         |
| Q.86 | Find the cost (in ₹) of digging a cuboidal pit that is 6 m long, 64 m broad and 10 m deep at the rate of ₹15 per m <sup>3</sup> .                                                                                                                                                                                                                                       |
| Ans  | <div> <div>✓ 1. 57,600</div> <div>✗ 2. 57,598</div> <div>✗ 3. 57,602</div> <div>✗ 4. 57,591</div> </div>                                                                                                                                                                                                                                                                |
| Q.87 | The exchange rate system was reformed to reflect market conditions. What type of exchange rate regime did India adopt post-1991?                                                                                                                                                                                                                                        |
| Ans  | <div> <div>✗ 1. Gold standard</div> <div>✓ 2. Managed floating exchange rate</div> <div>✗ 3. Fixed exchange rate</div> <div>✗ 4. Floating exchange rate</div> </div>                                                                                                                                                                                                    |
| Q.88 | Find the value of $\frac{\sin^2 68^\circ + \sin^2 22^\circ}{2(\cos^2 17^\circ + \cos^2 73^\circ)}$ .                                                                                                                                                                                                                                                                    |
| Ans  | <div> <div>✗ 1. -1</div> <div>✗ 2. 0</div> <div>✗ 3. 1</div> <div>✓ 4. <math>\frac{1}{2}</math></div> </div>                                                                                                                                                                                                                                                            |
| Q.89 | What is the primary advantage of using a Directory Acyclic Graph (DAG) structure for file systems compared to a simple tree structure?                                                                                                                                                                                                                                  |
| Ans  | <div> <div>✓ 1. DAGs enable the creation of hard links, allowing a single file to have multiple directory entries.</div> <div>✗ 2. DAGs inherently provide better data security and access control.</div> <div>✗ 3. DAGs allow for faster traversal and searching of files.</div> <div>✗ 4. DAGs reduce disk fragmentation and improve storage efficiency.</div> </div> |
| Q.90 | 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 ::?                                                                                                                                                         |
|      | # : USO :: LJF : %                                                                                                                                                                                                                                                                                                                                                      |
| Ans  | <div> <div>✗ 1. # = IOR, % = IZC</div> <div>✗ 2. # = XVI, % = IZC</div> <div>✓ 3. # = XVR, % = IGC</div> <div>✗ 4. # = ZOR, % = IQV</div> </div>                                                                                                                                                                                                                        |
| Q.91 | 3 bags and 6 pens together cost ₹744, whereas 9 bags and 9 pens together cost ₹1,854. The cost of 6 bags exceeds the cost of 10 pens by:                                                                                                                                                                                                                                |
| Ans  | <div> <div>✗ 1. ₹565</div> <div>✗ 2. ₹568</div> <div>✓ 3. ₹564</div> <div>✗ 4. ₹567</div> </div>                                                                                                                                                                                                                                                                        |

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| Q.92 | <p>Select the set in which the numbers are related in the same way as are the numbers of the following sets.</p> <p>(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.)</p> <p>(14, 66, 19)<br/>(43, 134, 24)</p>            |
| Ans  | <div><div> 1. (10, 35, 8)</div><div> 2. (45, 97, 4)</div><div> 3. (6, 42, 15)</div><div> 4. (37, 81, 4)</div></div>                                               |
| Q.93 | <p>In a certain code language, ‘sit back relax’ is coded as ‘ha mi pu’ and ‘relax and enjoy’ is coded as ‘pu co lz’. How is ‘relax’ coded in the given language?</p>                                                                                                                                                                                                                                                                                                                                  |
| Ans  | <div><div> 1. mi</div><div> 2. pu</div><div> 3. ha</div><div> 4. co</div></div>                                                                                   |
| Q.94 | <p>The number of diagonals in a regular heptagon is:</p>                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Ans  | <div><div> 1. 18</div><div> 2. 15</div><div> 3. 14</div><div> 4. 19</div></div>                                                                            |
| Q.95 | <p>Who among the following won the men’s singles title at the Indian Open 2025 Professional Squash Association (PSA) Copper event?</p>                                                                                                                                                                                                                                                                                                                                                                |
| Ans  | <div><div> 1. Abhay Singh</div><div> 2. Saurav Ghosal</div><div> 3. Kareem El Torkey</div><div> 4. Marwan El Shorbagy</div></div>                         |
| Q.96 | <p>Who received a Special Citation in the 2025 Pulitzer Prizes for civil rights journalism?</p>                                                                                                                                                                                                                                                                                                                                                                                                       |
| Ans  | <div><div> 1. Nikole Hannah-Jones</div><div> 2. Ta-Nehisi Coates</div><div> 3. Ida B Wells</div><div> 4. Chuck Stone</div></div>                          |
| Q.97 | <p>Which pair of compounds illustrates the Law of Multiple Proportions?</p>                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ans  | <div><div> 1. HCl and HBr</div><div> 2. NaOH and NaCl</div><div> 3. CO and CO<sub>2</sub></div><div> 4. CaCO<sub>3</sub> and CaCl<sub>2</sub></div></div> |
| Q.98 | <p>A, B, C, D, E, F and G are sitting around a circular table facing the centre. B sits third to the left of C. F sits second to the left of E. B is not an immediate neighbour of E. D sits to the immediate right of A. What is the position of B with respect to G?</p>                                                                                                                                                                                                                            |
| Ans  | <div><div> 1. To the immediate right</div><div> 2. To the immediate left</div><div> 3. Second to the left</div><div> 4. Third to the left</div></div>     |

**Q.99** The total length of the Northern Plain of India from west to east is approximately \_\_\_\_\_.

- Ans**
- ☐ 1. 1600 km
  - ☐ 2. 3500 km
  - ☐ 3. 3200 km
  - ☒ 4. 2400 km

**Q.100** A tap fills a cistern in 15 hours. Another tap empties the full tank in 17 hours. How long (in hours) will it take to fill two-third of the tank, if the tank is empty initially and both the taps are open together?

- Ans**
- ☐ 1. 340
  - ☒ 2. 85
  - ☐ 3. 170
  - ☐ 4. 255