



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



|           |                           |
|-----------|---------------------------|
| Test Date | 13/06/2025                |
| Test Time | 9:00 AM - 10:30 AM        |
| 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** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

**Statements:**  
All bikes are roads.  
Some roads are TVs.  
Some TVs are cups.

**Conclusions:**  
(I) All roads are bikes.  
(II) All roads are TVs.

- Ans 

1. Both conclusion (I) and (II) follow

2. Only conclusion (II) follows

3. Neither conclusion (I) nor (II) follows

4. Only conclusion (I) follows

**Q.2** If 25% of k is 10 less than 1800% of 10, then k is:

- Ans 

1. 640

2. 680

3. 660

4. 720

**Q.3** What is the main advantage of saving an MS PowerPoint presentation as a .pdf file?

- Ans 

1. It enables users to modify slides in any PDF viewer.

2. It reduces file size and prevents unwanted editing.

3. It allows all MS PowerPoint animations to run.

4. It automatically translates text into different languages.

**Q.4** If the third proportional of 36 and Z is 4, then what is the positive value of Z?

- Ans 

1. 14

2. 11

3. 9

4. 12

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| Q.5  | Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.<br><br>OL-QN-SU<br>LI-NK-PR  |
| Ans  | <div><div><div>✖</div><div>1. SO-TR-VY</div></div><div><div>✔</div><div>2. RO-TQ-VX</div></div><div><div>✖</div><div>3. RO-TQ-VY</div></div><div><div>✖</div><div>4. SO-TQ-VY</div></div></div>  |
| Q.6  | With reference to the 40 <sup>th</sup> Amendment Act, 1976, which category of maritime zones came under the legislative jurisdiction of the Parliament?  |
| Ans  | <div><div><div>✖</div><div>1. Groundwater reserves</div></div><div><div>✔</div><div>2. Territorial waters and EEZ</div></div><div><div>✖</div><div>3. Inter-state river waters</div></div><div><div>✖</div><div>4. Inland rivers and lakes</div></div></div> |
| Q.7  | The compound interest earned in 1 year on ₹2,40,000 at the rate of 40% per annum, compounded quarterly, is:  |
| Ans  | <div><div><div>✖</div><div>1. ₹1,12,281</div></div><div><div>✔</div><div>2. ₹1,11,384</div></div><div><div>✖</div><div>3. ₹1,10,519</div></div><div><div>✖</div><div>4. ₹1,12,269</div></div></div>  |
| Q.8  | What will come in place of the question mark (?) in the following equation if '÷' and '-' are interchanged and 'x' and '+' are interchanged?<br><br>$89 \div 4984 - 89 \times 9 + 2 = ?$   |
| Ans  | <div><div><div>✖</div><div>1. 15</div></div><div><div>✔</div><div>2. 51</div></div><div><div>✖</div><div>3. 55</div></div><div><div>✖</div><div>4. 92</div></div></div>  |
| Q.9  | On 4 April 2025, which bank of India has launched a verified WhatsApp channel for Financial Updates?   |
| Ans  | <div><div><div>✖</div><div>1. State Bank of India</div></div><div><div>✔</div><div>2. Reserve Bank of India</div></div><div><div>✖</div><div>3. Axis Bank</div></div><div><div>✖</div><div>4. Bank of Baroda</div></div></div>                               |
| Q.10 | The percentage profit earned by selling an article for ₹6,833 is equal to the percentage loss incurred by selling the same article for ₹1,447. At what price should the article be sold (in ₹) to make a 45% profit?   |
| Ans  | <div><div><div>✔</div><div>1. 6,003</div></div><div><div>✖</div><div>2. 6,001</div></div><div><div>✖</div><div>3. 6,002</div></div><div><div>✖</div><div>4. 6,005</div></div></div>  |
| Q.11 | A tap fills a cistern in 18 hours. Another tap empties the full tank in 19 hours. How long (in hours) will it take to fill one-third of the tank, if the tank is empty initially and both the taps are open together?  |
| Ans  | <div><div><div>✔</div><div>1. 114</div></div><div><div>✖</div><div>2. 342</div></div><div><div>✖</div><div>3. 456</div></div><div><div>✖</div><div>4. 228</div></div></div>  |

Q.12 A can complete a piece of work in 14 days and B can complete it in 10 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

- Ans
- ☒ 1.  $11\frac{2}{3}$
  - ☒ 2.  $10\frac{2}{3}$
  - ☒ 3.  $11\frac{3}{5}$
  - ☒ 4.  $10\frac{3}{5}$

Q.13 When was municipal governance first introduced in British India?

- Ans
- ☒ 1. 1687
  - ☒ 2. 1850
  - ☒ 3. 1919
  - ☒ 4. 1882

Q.14 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$405 \div 2 + 369 \times 9 - 32 = ?$

- Ans
- ☒ 1. 804
  - ☒ 2. 801
  - ☒ 3. 803
  - ☒ 4. 802

Q.15 According to the 73<sup>rd</sup> Constitutional Amendment Act, 1992, which body functions as the foundation of the Panchayati Raj system, ensuring broad-based community participation?

- Ans
- ☒ 1. Gram Sabha
  - ☒ 2. Zila Parishad
  - ☒ 3. Nyaya Panchayat
  - ☒ 4. Gram Panchayat

Q.16 A gas stove flame burns blue because of:

- Ans
- ☒ 1. Hazardous combustion
  - ☒ 2. Insufficient oxygen
  - ☒ 3. Presence of hydrogen in the air
  - ☒ 4. Complete combustion of fuel

Q.17 JKL is related to KMO in a certain way based on the English alphabetical order. In the same way, PQR is related to QSU. To which of the following is XYZ related, following the same logic?

- Ans
- ☒ 1. YZA
  - ☒ 2. FED
  - ☒ 3. ABC
  - ☒ 4. YAC

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| Q.18 | Manjit has borrowed an amount of ₹2,20,000 from a bank to start a business. How much simple interest (in ₹) will he pay at a rate of 4% per annum after 2 years?   |
| Ans  | <div>✓ 1. 17,600</div> <div>✗ 2. 18,600</div> <div>✗ 3. 16,600</div> <div>✗ 4. 2,37,600</div>  |
| Q.19 | If an angle of a parallelogram is $27^\circ$ less than four – fifth of its adjacent angle, then find the smallest angle of the parallelogram.  |
| Ans  | <div>✗ 1. <math>45^\circ</math></div> <div>✗ 2. <math>70^\circ</math></div> <div>✗ 3. <math>50^\circ</math></div> <div>✓ 4. <math>65^\circ</math></div>  |
| Q.20 | The sum of three numbers x, y and z is 12 and their squares sum is 20. What will be the value of $x^3 + y^3 + z^3 - 3xyz$ ?  |
| Ans  | <div>✗ 1. -305</div> <div>✗ 2. 305</div> <div>✗ 3. 504</div> <div>✓ 4. -504</div>  |
| Q.21 | Three numbers are in the ratio 1 : 15 : 7, and their LCM is 4830. Their HCF is:  |
| Ans  | <div>✗ 1. 43</div> <div>✗ 2. 41</div> <div>✗ 3. 49</div> <div>✓ 4. 46</div>  |
| Q.22 | <p>This question is based on the five, three-digit numbers given below.<br/>(Left) 740 636 787 884 316 (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 second digit of the highest number is added to the third digit of the lowest number?</p> |
| Ans  | <div>✓ 1. 14</div> <div>✗ 2. 17</div> <div>✗ 3. 13</div> <div>✗ 4. 15</div>  |
| Q.23 | A conical vessel has base radius 6 cm and height 20 cm. Water is poured into the vessel until it is $\frac{3}{4}$ full. Find the volume (in $\text{cm}^3$ ) of water in the vessel.  |
| Ans  | <div>✗ 1. <math>184\pi</math></div> <div>✗ 2. <math>187\pi</math></div> <div>✓ 3. <math>180\pi</math></div> <div>✗ 4. <math>171\pi</math></div>  |
| Q.24 | Vipul spends 55% of his income. If he saves ₹18,000, then his income (in ₹) is:  |
| Ans  | <div>✗ 1. 9,900</div> <div>✗ 2. 39,000</div> <div>✓ 3. 40,000</div> <div>✗ 4. 41,000</div>   |

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| Q.25 | Which of the following statements is correct with reference to the industrial use of freon?  |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. It is used in refrigeration and aerosol production.</div><div><input type="checkbox"/> 2. It is used for textile dyeing.</div><div><input type="checkbox"/> 3. It is primarily used in food processing and as a food preservative.</div><div><input type="checkbox"/> 4. It is used as a pesticide and insecticide.</div></div> |
| Q.26 | A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits third to the right of C. A sits second to the right of B. B is not an immediate neighbour of C. G sits to the immediate right of F. C sits to the immediate left of F. How many people sit between G and E when counted from the left of G?   |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Three</div><div><input type="checkbox"/> 2. None</div><div><input type="checkbox"/> 3. Two</div><div><input type="checkbox"/> 4. One</div></div>  |
| Q.27 | If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3762184, what will be the sum of the highest and lowest digits in the number thus formed?   |
| Ans  | <div><div><input type="checkbox"/> 1. 6</div><div><input type="checkbox"/> 2. 9</div><div><input type="checkbox"/> 3. 7</div><div><input checked="" type="checkbox"/> 4. 8</div></div>   |
| Q.28 | A boat takes 27 minutes to go 40.6 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 7. How much total time (in hours) will the boat take to go 77.7 km upstream and 52.5 km downstream?   |
| Ans  | <div><div><input type="checkbox"/> 1. 3.7</div><div><input checked="" type="checkbox"/> 2. 0.9</div><div><input type="checkbox"/> 3. 2.2</div><div><input type="checkbox"/> 4. 1.1</div></div>   |
| Q.29 | Who won Best Directorial Debut for 'Madgaon Express' at IIFA Awards, 2025?   |
| Ans  | <div><div><input type="checkbox"/> 1. Kiran Rao</div><div><input type="checkbox"/> 2. Sriram Raghavan</div><div><input type="checkbox"/> 3. Biplab Goswami</div><div><input checked="" type="checkbox"/> 4. Kunal Kemmu</div></div>  |
| Q.30 | Which among the following contains a collection of eight poetic anthologies from ancient Tamil literature?   |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Ettuttokai</div><div><input type="checkbox"/> 2. Pattuppattu</div><div><input type="checkbox"/> 3. Silappatikaram</div><div><input type="checkbox"/> 4. Tolkappiyam</div></div>   |
| Q.31 | Since December 2022, the functions of the National Anti-Profiteering Authority established in association with GST reforms have been transferred to which body in India?   |
| Ans  | <div><div><input checked="" type="checkbox"/> 1. Competition Commission</div><div><input type="checkbox"/> 2. Directorate General of Trade Remedies</div><div><input type="checkbox"/> 3. NITI Aayog</div><div><input type="checkbox"/> 4. Reserve Bank of India</div></div>   |

Q.32 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

GOQ 35, HPR 32, IQS 29, JRT 26, ?

- Ans
- ✓ 1. KSU 23
  - ✗ 2. KPN 22
  - ✗ 3. RQM 22
  - ✗ 4. RPM 23

Q.33 G, H, I, J, K and X 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. K lives on an odd numbered floor but not on the lowermost floor. Only two people live between K and G. Only two people live between I and H. X lives immediately below K. No one lives above I. How many people live between J and X?

- Ans
- ✓ 1. Two
  - ✗ 2. Three
  - ✗ 3. Four
  - ✗ 4. One

Q.34 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

SW-NR-IM  
IM-DH-YC

- Ans
- ✓ 1. YC-TX-OS
  - ✗ 2. UY-PT-LO
  - ✗ 3. HL-DG-XB
  - ✗ 4. FJ-AE-WZ

Q.35 In this question, a group of letters is coded by using numbers and symbols as per the table given below and the conditions which follow.

| Letter | U | M | S | J  | P | T | F | E | A |
|--------|---|---|---|----|---|---|---|---|---|
| Code   | 7 | 4 | @ | \$ | % | * | 6 | 2 | 3 |

- Conditions:
- 1. If the 1<sup>st</sup> letter is a vowel and the 3<sup>rd</sup> letter is a consonant, both to be coded as the code of the consonant.
  - 2. If the 1<sup>st</sup> and last letters are vowels, both are to be coded as 'N'.
  - 3. If the 2<sup>nd</sup> and last letters are vowels, their codes are to be interchanged.

What is the correct combination of codes (by following only the applicable condition(s)) for the following letters?  
SEMTU

- Ans
- ✓ 1. @ 7 4 \* 2
  - ✗ 2. @ 2 4 \* 2
  - ✗ 3. @ 2 4 \* 7
  - ✗ 4. @ 7 4 \* 7

Q.36 Who among the following was NOT a Mauryan ruler?

- Ans
- ✗ 1. Brihadratha
  - ✓ 2. Pushyamitra
  - ✗ 3. Samprati
  - ✗ 4. Devavarman

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| Q.37 | _____ recorded the highest population density in 2011, as per the 2011 Census of India.  |
| Ans  | <div><div><div>✖</div><div>1. Hyderabad</div></div><div><div>✔</div><div>2. North East Delhi</div></div><div><div>✖</div><div>3. Chennai</div></div><div><div>✖</div><div>4. Mumbai Sub-Urban</div></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><div>✖</div><div>1. Brother</div></div><div><div>✖</div><div>2. Wife's Brother</div></div><div><div>✖</div><div>3. Father</div></div><div><div>✔</div><div>4. Wife's Father</div></div></div>  |
| Q.39 | The Chotanagpur Plateau is drained by which river system?  |
| Ans  | <div><div><div>✖</div><div>1. Godavari</div></div><div><div>✖</div><div>2. Krishna</div></div><div><div>✔</div><div>3. Damodar</div></div><div><div>✖</div><div>4. Tapi</div></div></div>  |
| Q.40 | <p>Simplify :</p> $\frac{\sqrt{0.012321}}{\sqrt{0.001369}}$  |
| Ans  | <div><div><div>✖</div><div>1. 16</div></div><div><div>✖</div><div>2. 18</div></div><div><div>✖</div><div>3. 23</div></div><div><div>✔</div><div>4. 3</div></div></div>   |
| Q.41 | The revolt of 1857 broke out on 10 <sup>th</sup> May from which of the following places, when sepoys rose in rebellion and marched towards Delhi to restore Bahadur Shah II to the throne?   |
| Ans  | <div><div><div>✖</div><div>1. Mysore</div></div><div><div>✔</div><div>2. Meerut</div></div><div><div>✖</div><div>3. Kanpur</div></div><div><div>✖</div><div>4. Awadh</div></div></div>   |
| Q.42 | Which canal project plays a major role in irrigation in the Thar Desert?   |
| Ans  | <div><div><div>✖</div><div>1. Yamuna Canal</div></div><div><div>✔</div><div>2. Indira Gandhi Canal</div></div><div><div>✖</div><div>3. Tehri Canal</div></div><div><div>✖</div><div>4. Sardar Sarovar Canal</div></div></div>  |
| Q.43 | How many religious communities are covered under the 2019 Citizenship Amendment Act?   |
| Ans  | <div><div><div>✖</div><div>1. 5</div></div><div><div>✖</div><div>2. 7</div></div><div><div>✖</div><div>3. 3</div></div><div><div>✔</div><div>4. 6</div></div></div>  |

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| Q.44 | Which country did PM Narendra Modi visit in March 2025 to attend its 57 <sup>th</sup> National Day celebrations?   |
| Ans  | <div><div>✓</div>1. Mauritius</div> <div><div>✗</div>2. Fiji</div> <div><div>✗</div>3. Maldives</div> <div><div>✗</div>4. Seychelles</div>   |
| Q.45 | The marked price of a smartwatch set is ₹640. It sells with two successive discounts of 30% and 25%. An additional 25% discount is given on cash payment. What is the selling price (in ₹) of the smartwatch set on cash payment?  |
| Ans  | <div><div>✗</div>1. 249</div> <div><div>✓</div>2. 252</div> <div><div>✗</div>3. 253</div> <div><div>✗</div>4. 251</div>  |
| Q.46 | Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?<br><br>DK26, GN33, JQ40, MT47, ?   |
| Ans  | <div><div>✗</div>1. PV53</div> <div><div>✓</div>2. PW54</div> <div><div>✗</div>3. PV54</div> <div><div>✗</div>4. PW53</div>  |
| Q.47 | What should come in place of the question mark (?) in the given series?<br><br>46 55 78 87 110 119 ?   |
| Ans  | <div><div>✗</div>1. 128</div> <div><div>✓</div>2. 142</div> <div><div>✗</div>3. 137</div> <div><div>✗</div>4. 150</div>  |
| Q.48 | Which global observance did UNESCO mark on 24 January 2025?  |
| Ans  | <div><div>✗</div>1. World Science Day</div> <div><div>✗</div>2. International Day of Peace</div> <div><div>✗</div>3. World Heritage Day</div> <div><div>✓</div>4. International Day of Education</div>   |
| Q.49 | In February 2025, an avalanche struck a Border Roads Organisation camp in which location, resulting in eight fatalities?   |
| Ans  | <div><div>✗</div>1. Leh, Ladakh</div> <div><div>✗</div>2. Tawang, Arunachal Pradesh</div> <div><div>✗</div>3. Kargil, Ladakh</div> <div><div>✓</div>4. Mana, Uttarakhand</div>   |
| Q.50 | Rohan starts from point A and drives 8 km towards the north. He then takes a left turn, drives 12 km, turns left and drives 11 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 3 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.) |
| Ans  | <div><div>✗</div>1. 3 km to the west</div> <div><div>✓</div>2. 2 km to the west</div> <div><div>✗</div>3. 3 km to the east</div> <div><div>✗</div>4. 2 km to the east</div>  |



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| Q.51 | The Mahalwari system was prevalent in certain regions of northern and central India. From whom was the land revenue collected under the Mahalwari system?  |
| Ans  | <div><div><input checked="" type="checkbox"/></div>1. Village head</div> <div><div><input type="checkbox"/></div>2. Individual peasants</div> <div><div><input type="checkbox"/></div>3. Religious institutions</div> <div><div><input type="checkbox"/></div>4. Landlords</div>                                   |
| Q.52 | Who among the following did Pankaj Advani defeat in the final of the 2025 Asian Snooker Championship?  |
| Ans  | <div><div><input checked="" type="checkbox"/></div>1. Amir Sarkosh</div> <div><div><input type="checkbox"/></div>2. Ahsan Ramzan</div> <div><div><input type="checkbox"/></div>3. Habib Shalaby</div> <div><div><input type="checkbox"/></div>4. Mohsen Bukshaisha</div>   |
| Q.53 | If the average of four numbers is 40 and three of the numbers among four are 40, 42 and 55, what will be the fourth number?  |
| Ans  | <div><div><input type="checkbox"/></div>1. 29</div> <div><div><input checked="" type="checkbox"/></div>2. 23</div> <div><div><input type="checkbox"/></div>3. 21</div> <div><div><input type="checkbox"/></div>4. 27</div>   |
| Q.54 | Under the SVAMITVA scheme, which modern technology is used to map land ownership in rural India?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Satellite Radar Imaging</div> <div><div><input type="checkbox"/></div>2. Artificial Intelligence</div> <div><div><input type="checkbox"/></div>3. Blockchain</div> <div><div><input checked="" type="checkbox"/></div>4. Drone Surveying</div>                          |
| Q.55 | Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.<br><br>NK-RO-VX<br>LI-PM-TV  |
| Ans  | <div><div><input checked="" type="checkbox"/></div>1. JG-NK-RT</div> <div><div><input type="checkbox"/></div>2. IG-NK-RU</div> <div><div><input type="checkbox"/></div>3. IG-NL-RU</div> <div><div><input type="checkbox"/></div>4. JG-NK-RU</div>   |
| Q.56 | Which of the following sentences passed by a Sessions Judge requires mandatory confirmation by the High Court?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Imprisonment exceeding 10 years</div> <div><div><input type="checkbox"/></div>2. Life imprisonment</div> <div><div><input type="checkbox"/></div>3. Imprisonment exceeding 5 years</div> <div><div><input checked="" type="checkbox"/></div>4. Capital punishment</div> |
| Q.57 | Uninterrupted and seamless chain of Input Tax Credit (ITC) is a mechanism to avoid cascading of taxes in which of the following taxes?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Angel tax</div> <div><div><input type="checkbox"/></div>2. Equalisation levy</div> <div><div><input type="checkbox"/></div>3. Countervailing duty</div> <div><div><input checked="" type="checkbox"/></div>4. GST</div>   |

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| Q.58 | If 1 is added to each even digit and 1 is added to each odd digit in the number 7142568, what will be the sum of the first digit from the left and the first digit from the right in the new number thus formed?   |
| Ans  | <div><div><div>✖</div><div>1. 15</div></div><div><div>✖</div><div>2. 14</div></div><div><div>✔</div><div>3. 17</div></div><div><div>✖</div><div>4. 10</div></div></div>  |
| Q.59 | A swimmer can swim downstream at 40 km/hr and upstream at 26 km/hr. What is the speed of the swimmer in still water?   |
| Ans  | <div><div><div>✔</div><div>1. 33 km/hr</div></div><div><div>✖</div><div>2. 26 km/hr</div></div><div><div>✖</div><div>3. 42 km/hr</div></div><div><div>✖</div><div>4. 40 km/hr</div></div></div>  |
| Q.60 | A person standing 30 metres away from a tower observes the angle of elevation to the top of the tower as 30°. Find the height of the tower.  |
| Ans  | <div><div><div>✔</div><div>1. <math>10\sqrt{3}</math> metres</div></div><div><div>✖</div><div>2. <math>10\sqrt{2}</math> metres</div></div><div><div>✖</div><div>3. 30 metres</div></div><div><div>✖</div><div>4. <math>30\sqrt{3}</math> metres</div></div></div>   |
| Q.61 | At Aero India 2025, the DRDO unveiled a new technology to enhance aircraft launch capabilities for the Indian Navy. What is this technology called?  |
| Ans  | <div><div><div>✔</div><div>1. Electro-Magnetic Launch System (EMLS)</div></div><div><div>✖</div><div>2. Magnetic Aircraft Launch System (MALS)</div></div><div><div>✖</div><div>3. Integrated Launch Assist System (ILAS)</div></div><div><div>✖</div><div>4. Advanced Catapult Launch Mechanism (ACLM)</div></div></div>                            |
| Q.62 | The salaries of A, B, and C are in the ratio 3 : 10 : 8. If increments of 10%, 61%, and 20% are allowed respectively in their salaries, what will be the new ratio of their salaries?  |
| Ans  | <div><div><div>✖</div><div>1. 30 : 165 : 98</div></div><div><div>✖</div><div>2. 35 : 163 : 102</div></div><div><div>✖</div><div>3. 34 : 167 : 103</div></div><div><div>✔</div><div>4. 33 : 161 : 96</div></div></div>  |
| Q.63 | What is the function of subsidiary cells?  |
| Ans  | <div><div><div>✖</div><div>1. Secretion of enzymes for nutrient acquisition, defence and digestion</div></div><div><div>✖</div><div>2. Transport of food through phloem</div></div><div><div>✔</div><div>3. Support of guard cells in stomatal function</div></div><div><div>✖</div><div>4. Absorption of light for photosynthesis</div></div></div> |
| Q.64 | A sphere with a radius of 53 cm is melted to form a cone with the same radius at its base. Find the height (in cm) of the cone.  |
| Ans  | <div><div><div>✖</div><div>1. 219</div></div><div><div>✖</div><div>2. 215</div></div><div><div>✖</div><div>3. 205</div></div><div><div>✔</div><div>4. 212</div></div></div>  |

|      |   |
|------|---|
| Q.65 | The cost of 6 pens and 5 pencils is ₹259. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹4, then the cost of 19 pens and 2 pencils is ₹90. What is the original cost of 13 pens and 2 pencils?   |
| Ans  | <div><div><div>✖</div><div>1. ₹202</div></div><div><div>✔</div><div>2. ₹199</div></div><div><div>✖</div><div>3. ₹195</div></div><div><div>✖</div><div>4. ₹197</div></div></div>   |
| Q.66 | Find the value of 'c' so that the quadratic equation $2x^2 - 3x + c = 0$ and $x^2 - 9x - 22 = 0$ may have one common root 11.   |
| Ans  | <div><div><div>✖</div><div>1. -157</div></div><div><div>✖</div><div>2. -237</div></div><div><div>✖</div><div>3. -107</div></div><div><div>✔</div><div>4. -209</div></div></div>   |
| Q.67 | What were 'privy purses'?   |
| Ans  | <div><div><div>✖</div><div>1. Travel allowances for royal families</div></div><div><div>✖</div><div>2. Royal taxes</div></div><div><div>✖</div><div>3. Loans from British government</div></div><div><div>✔</div><div>4. Pensions paid to the princes after integration</div></div></div>   |
| Q.68 | The value of $49 + [7 + \{63 - (27 \div 9)\} \div 6]$ is:   |
| Ans  | <div><div><div>✖</div><div>1. 76</div></div><div><div>✖</div><div>2. 63</div></div><div><div>✖</div><div>3. 74</div></div><div><div>✔</div><div>4. 66</div></div></div>   |
| Q.69 | Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?<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><div>✖</div><div>1. AWRP</div></div><div><div>✖</div><div>2. RNIG</div></div><div><div>✔</div><div>3. HDVW</div></div><div><div>✖</div><div>4. JFAY</div></div></div>   |
| Q.70 | 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) 8 * * € 6 % 3 2 \$ # 9 9 9 2 @ # 5 3 % 9 @ 1 (Right)<br><br>How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?      |
| Ans  | <div><div><div>✔</div><div>1. 3</div></div><div><div>✖</div><div>2. 4</div></div><div><div>✖</div><div>3. 2</div></div><div><div>✖</div><div>4. 5</div></div></div>   |
| Q.71 | Most of the Thar desert lies within India, spanning the states of _____.  |
| Ans  | <div><div><div>✖</div><div>1. Rajasthan, Gujarat, Punjab, and Himachal Pradesh</div></div><div><div>✔</div><div>2. Rajasthan, Gujarat, Punjab, and Haryana</div></div><div><div>✖</div><div>3. Rajasthan, Gujarat, Punjab, and Madhya Pradesh</div></div><div><div>✖</div><div>4. Rajasthan, Gujarat, Punjab, and Uttar Pradesh</div></div></div> |

Q.72 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 129. Find the average of the remaining two numbers.

- Ans
- ☒ 1. 187
  - ☒ 2. 186
  - ☒ 3. 206
  - ☒ 4. 207

Q.73 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € & £ @ \* # 1 \$ € @ © € © & 1 € 4 1 2 4 © (Right)

How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a symbol?

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

Q.74 Which element on the Windows 11 desktop allows users to quickly access multiple open windows and virtual desktops?

- Ans
- ☒ 1. Start Menu
  - ☒ 2. Control Panel
  - ☒ 3. File Explorer
  - ☒ 4. Task View

Q.75 The mode of the observations 9, 6, 4, 2, 5, 2, 9, 2, 1, 9, 4, 5, 9, 5, 4 and 8 is:

- Ans
- ☒ 1. 2
  - ☒ 2. 4
  - ☒ 3. 6
  - ☒ 4. 9

Q.76 Simplify the following:

$$\frac{2}{8} + \frac{2}{8} + \frac{1}{16} + \frac{2}{8} - 1$$

- Ans
- ☒ 1.  $\frac{1}{16}$
  - ☒ 2.  $\frac{4}{16}$
  - ☒ 3.  $-\frac{3}{16}$
  - ☒ 4.  $-\frac{8}{16}$

Q.77 Rituraj starts from Point A and drives 11 km towards South. He then takes a right turn, drives 9 km, turns right and drives 12 km. He then takes a right turn and drives 12 km. He takes a final right turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)

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

Q.78

Which characteristic of the CPU determines how many instructions it can process per second?

Ans

✖

1. Cache size

✖

2. Number of registers

✖

3. Power consumption

✔

4. Clock speed

Q.79

In March 2025, what ranking did Deepti Sharma achieve in the ICC Women's all-rounders rankings?

Ans

✔

1. 5<sup>th</sup>

✖

2. 3<sup>rd</sup>

✖

3. 4<sup>th</sup>

✖

4. 6<sup>th</sup>

Q.80

What is the NISAR satellite, launched in February 2025 and co-developed by ISRO and NASA, designed for?

Ans

✖

1. Planetary exploration

✖

2. Solar flare detection

✔

3. Earth observation and climate monitoring

✖

4. Deep space communication

Q.81

If the mode of the following data is 165, then what is the value of x?

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Class     | 150-155 | 155-160 | 160-165 | 165-170 | 170-175 |
| Frequency | 13      | 26      | 37      | x       | 27      |

Ans

✖

1. 54

✖

2. 27

✔

3. 37

✖

4. 57

Q.82

What kind of architectural style is seen in the shikharas of the Jageshwar temple complexes in Uttarakhand, India?

Ans

✖

1. Pyramidal towers

✖

2. Flat brick shikharas

✖

3. Buddhist stupas

✔

4. Curvilinear shikharas

Q.83

In a certain code language, 'GIVE' is coded as '6482' and 'VOLT' is coded as '3671'. What is the code for 'V' in the given code language?

Ans

✖

1. 3

✔

2. 6

✖

3. 8

✖

4. 7

Q.84

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

892 890 886 880 872 ?

Ans

✔

1. 862

✖

2. 863

✖

3. 860

✖

4. 861

|      |  |
|------|--|
| Q.85 | <p>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?<br/>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>   |
| Ans  | <div><div>✓ 1. JO – QM</div><div>✗ 2. LQ – SP</div><div>✗ 3. UZ – BY</div><div>✗ 4. EJ – LI</div></div>  |
| Q.86 | <p>Rudradaman, who ruled in the middle of second century AD territories of Mathura and Gujarat belonged to which dynasty?</p>  |
| Ans  | <div><div>✗ 1. Pahlavas</div><div>✓ 2. Shaka</div><div>✗ 3. Shunga</div><div>✗ 4. Pala</div></div>   |
| Q.87 | <p>India adopted a policy of Import Substitution Industrialisation (ISI) after independence. Which of the following was a common limitation faced by ISI-led strategy by the 1980s?</p>  |
| Ans  | <div><div>✗ 1. Excessive exports</div><div>✓ 2. Technological backwardness</div><div>✗ 3. Shortage of skilled labour</div><div>✗ 4. Lack of consumer demand</div></div>  |
| Q.88 | <p>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. A lives on an odd numbered floor but not 3. The sum of floors on which C and A live is 4. Only 3 people live between E and F. B lives immediately above D. The sum of floors on which D and E live is 10. How many people live below F?</p> |
| Ans  | <div><div>✗ 1. 3</div><div>✓ 2. 1</div><div>✗ 3. 4</div><div>✗ 4. 2</div></div>  |
| Q.89 | <p>In a certain code language, ‘smooth long drive’ is coded as ‘zi ma tu’ and ‘challenging mountain drive’ is coded as ‘fo se zi’. How is ‘drive’ coded in the given language?</p>   |
| Ans  | <div><div>✗ 1. se</div><div>✗ 2. fo</div><div>✓ 3. zi</div><div>✗ 4. ma</div></div>  |
| Q.90 | <p>A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only three people sit between I and H when counted from the left of I. Only three people sit between A and G when counted from the right of G. C sits to the immediate right of A. B is an immediate neighbour of G as well as H. Who sits to the second to the left of D?</p>   |
| Ans  | <div><div>✗ 1. G</div><div>✓ 2. B</div><div>✗ 3. I</div><div>✗ 4. A</div></div>  |

|      |   |
|------|---|
| Q.91 | In the context of managing multiple open applications within a graphical operating system, what is the typical behaviour initiated by pressing Ctrl + Tab?  |
| Ans  | <div><div><input checked="" type="checkbox"/></div>1. It cycles through the open windows or tabs of the currently active application.</div> <div><div><input type="checkbox"/></div>2. It minimises the currently active application window to the taskbar or dock.</div> <div><div><input type="checkbox"/></div>3. It closes the currently active application window.</div> <div><div><input type="checkbox"/></div>4. It opens a new tab or window within the currently active application.</div>  |
| Q.92 | Which country ranked fourth in the Human Development Report 2025?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Lebanon</div> <div><div><input type="checkbox"/></div>2. Zimbabwe</div> <div><div><input type="checkbox"/></div>3. Sierra Leone</div> <div><div><input checked="" type="checkbox"/></div>4. Denmark</div>  |
| Q.93 | Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets? (NOTE: 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.)<br><br>6 - 12 - 15 - 30; 4 - 8 - 11 - 22 |
| Ans  | <div><div><input type="checkbox"/></div>1. 1 - 2 - 4 - 16</div> <div><div><input type="checkbox"/></div>2. 12 - 14 - 28 - 30</div> <div><div><input checked="" type="checkbox"/></div>3. 11 - 22 - 25 - 50</div> <div><div><input type="checkbox"/></div>4. 8 - 16 - 19 - 36</div>  |
| Q.94 | For a regular polygon, the sum of the interior angles is 100% more than the sum of its exterior angles. Each interior angle of the polygon measures $x^\circ$ . What is the value of $x$ ?  |
| Ans  | <div><div><input type="checkbox"/></div>1. 100</div> <div><div><input type="checkbox"/></div>2. 125</div> <div><div><input type="checkbox"/></div>3. 140</div> <div><div><input checked="" type="checkbox"/></div>4. 120</div>  |
| Q.95 | Which of the following key centres of the 1857 Revolt was recaptured from the rebel forces in September 1857?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Madras</div> <div><div><input checked="" type="checkbox"/></div>2. Delhi</div> <div><div><input type="checkbox"/></div>3. Surat</div> <div><div><input type="checkbox"/></div>4. Bombay</div>  |
| Q.96 | Which of these agricultural regions is best known for rice-wheat cropping system?   |
| Ans  | <div><div><input type="checkbox"/></div>1. Western India</div> <div><div><input checked="" type="checkbox"/></div>2. Indo-Gangetic Plains</div> <div><div><input type="checkbox"/></div>3. Deccan Plateau</div> <div><div><input type="checkbox"/></div>4. Eastern Coastal Plains</div>   |
| Q.97 | Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 6%, 28% and 15%.  |
| Ans  | <div><div><input type="checkbox"/></div>1. 44.65%</div> <div><div><input type="checkbox"/></div>2. 42.63%</div> <div><div><input type="checkbox"/></div>3. 45.25%</div> <div><div><input checked="" type="checkbox"/></div>4. 42.47%</div>  |

Q.98 Which of the following ratios is greatest?

- Ans
- ☐ 1. 16 : 57
  - ☒ 2. 24 : 54
  - ☐ 3. 17 : 53
  - ☐ 4. 28 : 60

Q.99 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only two boxes are kept below C. Only one box is kept above A. Only one box is kept between A and E. B is kept immediately above F. D is kept at some place below G. How many boxes are kept above B?

- Ans
- ☐ 1. 4
  - ☒ 2. 5
  - ☐ 3. 3
  - ☐ 4. 2

Q.100 In many Windows applications, pressing Alt + Spacebar typically invokes which of the following?

- Ans
- ☐ 1. The Task Manager
  - ☐ 2. The application's main menu bar
  - ☒ 3. The system menu for the current window (containing options like Move, Size, Minimize, Maximize, Close)
  - ☐ 4. The 'Run' dialog box