



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Date	14/06/2025
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 A man has invested ₹50,500 at a rate of 6% per annum simple interest for 2 years. Find the amount (in ₹) that he will receive after 2 years.

- Ans ☒ 1. 57,560
☒ 2. 6,060
☒ 3. 56,560
☒ 4. 7,060

Q.2 Which of the following is NOT a valid way to save a workbook in Microsoft Excel?

- Ans ☒ 1. Using 'File' → 'Close'
☒ 2. Pressing 'Ctrl + S'
☒ 3. Clicking 'File' → 'Save'
☒ 4. Selecting 'File' → 'Save As'

Q.3 In a certain code language, 'PANT' is coded as '6129' and 'TAPE' is coded as '2956'. What is the code for 'E' in the given code language?

- Ans ☒ 1. 9
☒ 2. 6
☒ 3. 2
☒ 4. 5

Q.4 A, B, C, D, E, F and G are sitting around a circular table facing the centre. C sits third to the left of B. A sits second to the left of G. G is not an immediate neighbour of C. D sits to the immediate left of E. How many people sit between A and E when counted from the left of A?

- Ans ☒ 1. One
☒ 2. Two
☒ 3. None
☒ 4. Four

Q.5 Which Constitutional Amendment recognised the right to form cooperative societies as a part of Fundamental Rights?

- Ans ☒ 1. 99th Amendment Act
☒ 2. 11th Amendment Act
☒ 3. 97th Amendment Act
☒ 4. 93rd Amendment Act

Test Prime

**ALL EXAMS,
ONE SUBSCRIPTION**



70,000+
Mock Tests



**Personalised
Report Card**



**Unlimited
Re-Attempt**



600+
Exam Covered



**Previous Year
Papers**



**500%
Refund**



ATTEMPT FREE MOCK NOW

Q.6 The length and breadth of a cuboid are 50 cm and 75 cm, respectively. If the length of the diagonal is $17\sqrt{29}$ cm, then what is the volume (in cm^3) of the cuboid?

- Ans
- ✓ 1. 60,000
 - ✗ 2. 60,002
 - ✗ 3. 60,008
 - ✗ 4. 59,995

Q.7 Who won the 2025 Asian Snooker Championship men's title?

- Ans
- ✗ 1. Habib Shalaby
 - ✗ 2. Amir Sarkosh
 - ✗ 3. Ahsan Ramzan
 - ✓ 4. Pankaj Advani

Q.8 The nature of the roots of the quadratic equation $3x^2 - 5x + 2 = 0$ is:

- Ans
- ✗ 1. equal real roots
 - ✗ 2. infinite number of roots
 - ✓ 3. two distinct real roots
 - ✗ 4. complex roots

Q.9 Which Article of the Indian Constitution promotes the spread and development of Hindi?

- Ans
- ✗ 1. Article 350
 - ✗ 2. Article 348
 - ✓ 3. Article 351
 - ✗ 4. Article 349

Q.10 The Paramhansa Sabha was founded in:

- Ans
- ✗ 1. 1857
 - ✗ 2. 1875
 - ✓ 3. 1849
 - ✗ 4. 1865

Q.11 If the eight-digit number 59044p22 is divisible by 6, then the maximum value of p is:

- Ans
- ✗ 1. 6
 - ✗ 2. 8
 - ✓ 3. 7
 - ✗ 4. 3

Q.12 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 fruit are bananas.
Some bananas are green.
All green are leaves.

Conclusions:
(I) Some fruits are bananas.
(II) Some green are leaves.

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

Q.13 Two taps can fill a cistern in 2 hours and 81 hours, respectively. A third tap can empty it in 81 hours. How long (in hours) will it take to fill the empty cistern, if all of the taps are opened together?

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

Q.14 Paika is the famous folk dance of which of the following states?

- Ans
- ☐ 1. Punjab
 - ☒ 2. Jharkhand
 - ☐ 3. Gujarat
 - ☐ 4. Rajasthan

Q.15 Who won the 2025 Pulitzer for Poetry with New and Selected Poems?

- Ans
- ☐ 1. Ocean Vuong
 - ☐ 2. Tracy K Smith
 - ☒ 3. Marie Howe
 - ☐ 4. Ada Limón

Q.16 What is another name for representative elements?

- Ans
- ☐ 1. Transition elements
 - ☐ 2. Transuranium elements
 - ☒ 3. Main group elements
 - ☐ 4. Inner-Transition elements

Q.17 When did Algeria officially become a member of the New Development Bank (NDB)?

- Ans
- ☐ 1. January 2025
 - ☒ 2. May 2025
 - ☐ 3. March 2025
 - ☐ 4. February 2025

Q.18 Evaluate: $30 - [30 - \{30 - (30 - 30 \times 4)\}]$

- Ans
- ☐ 1. 141
 - ☐ 2. 118
 - ☒ 3. 120
 - ☐ 4. 132

Q.19 Which feature in Windows allows you to recover files that were accidentally deleted?

- Ans
- ☒ 1. Recycle Bin
 - ☐ 2. Disk Cleanup
 - ☐ 3. Task Manager
 - ☐ 4. Control Panel

Q.20 Find the value of $\sqrt{385 + \sqrt{213 + \sqrt{144}}}$.

- Ans
- ☐ 1. 23
 - ☒ 2. 20
 - ☐ 3. 19
 - ☐ 4. 24

Q.21 If the measure of each exterior angle of a regular polygon is 30° , then the number of sides of the polygon is:

- Ans

☐

1. 14
- ☐

2. 16
- ☒

3. 12
- ☐

4. 10

Q.22 Which act stated that the Presidencies of Madras and Bombay were to be subordinate to the Presidency of Bengal in all matters of war, diplomatic relations and revenue?

- Ans

☒

1. Pitts' India Act, 1784
- ☐

2. Charter Act of 1793
- ☐

3. Charter Act of 1813
- ☐

4. Charter Act of 1833

Q.23 David spends 55% of his income. If he saves ₹36,000, then his income (in ₹) is:

- Ans

☒

1. 80,000
- ☐

2. 81,000
- ☐

3. 19,800
- ☐

4. 79,000

Q.24 Under Article 164(3) of the Constitution of India, who administers the oath of office to the State Ministers?

- Ans

☐

1. President of India
- ☐

2. Chief Minister of the State
- ☒

3. Governor of the State
- ☐

4. Speaker of the Legislative Assembly

Q.25 The length of a rectangular pitch is 30 m more than its breadth. Its area is $18,271\text{ m}^2$. Its breadth (in m) is:

- Ans

☐

1. 131
- ☒

2. 121
- ☐

3. 113
- ☐

4. 124

Q.26 Commercial crops were prioritised over food crops during colonial rule. Which of the following is an example of a commercial crop promoted by the British?

- Ans

☐

1. Millets
- ☐

2. Rice
- ☐

3. Wheat
- ☒

4. Indigo

Q.27 Which of the following statements is FALSE if PQRS is a rectangle?

- Ans

☒

1. The diagonals of rectangle PQRS do not bisect each other
- ☐

2. $\angle P = \angle Q = \angle R = \angle S = 90^\circ$
- ☐

3. Diagonal PR = Diagonal SQ
- ☐

4. $PQ = RS$ and $PS = QR$

Q.28	<p>If '+' means 'subtraction', '-' means 'multiplication', '×' means 'division' and '÷' means 'addition', then what will come in place of the question mark (?) in the following equation?</p> <p>$11 - 91 \times 7 \div 83 + 27 = ?$</p>
Ans	<div><div><div>✗</div><div>1. 184</div></div><div><div>✗</div><div>2. 193</div></div><div><div>✗</div><div>3. 210</div></div><div><div>✓</div><div>4. 199</div></div></div>
Q.29	<p>What was the name of Ramagupta's widow whom Chandragupta II marry after defeating the Saka king?</p>
Ans	<div><div><div>✗</div><div>1. Devatidevi</div></div><div><div>✗</div><div>2. Kubernaga</div></div><div><div>✗</div><div>3. Yasomati</div></div><div><div>✓</div><div>4. Dhruvadevi</div></div></div>
Q.30	<p>In March 2025, where was the main event of the 56th Central Industrial Security Force (CISF) Raising Day celebrated?</p>
Ans	<div><div><div>✗</div><div>1. Gurugram, Haryana</div></div><div><div>✗</div><div>2. Pune, Maharashtra</div></div><div><div>✗</div><div>3. Mumbai, Maharashtra</div></div><div><div>✓</div><div>4. Thakkolam, Tamil Nadu</div></div></div>
Q.31	<p>If $18 : A :: A : 128$, find the positive value of A.</p>
Ans	<div><div><div>✗</div><div>1. 50</div></div><div><div>✓</div><div>2. 48</div></div><div><div>✗</div><div>3. 45</div></div><div><div>✗</div><div>4. 47</div></div></div>
Q.32	<p>The marked price of a touchscreen tablet is ₹500. It sells with two successive discounts of 20% and 25%. An additional 19% discount is given on cash payment. What is the selling price (in ₹) of the touchscreen tablet on cash payment?</p>
Ans	<div><div><div>✗</div><div>1. 246</div></div><div><div>✗</div><div>2. 242</div></div><div><div>✗</div><div>3. 245</div></div><div><div>✓</div><div>4. 243</div></div></div>
Q.33	<p>In a certain code language, 'A + B' means 'A is the sister of B' 'A - B' means 'A is the brother of B' 'A × B' means 'A is the wife of B' 'A ÷ B' means 'A is the father of B'.</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. Mother's Sister</div></div><div><div>✗</div><div>2. Father's Sister's Son</div></div><div><div>✗</div><div>3. Father's Sister's Husband</div></div><div><div>✗</div><div>4. Mother's Sister's Husband</div></div></div>
Q.34	<p>The average price of three items of furniture is ₹15,165. If their prices are in the ratio 3 : 5 : 7, the price of the costliest item (in ₹) is:</p>
Ans	<div><div><div>✗</div><div>1. 5,055</div></div><div><div>✗</div><div>2. 9,099</div></div><div><div>✓</div><div>3. 21,231</div></div><div><div>✗</div><div>4. 7,077</div></div></div>

Q.35	P, Q, R, S, T, U and V have an exam on different days of the week starting on Monday and ending on Sunday. R has an exam on Wednesday. Exactly three people have an exam between R and Q. V has an exam immediately after S and T has an exam immediately before S. Only three people have an exam between P and S. Who has an exam on Sunday?
Ans	<div><div><div>✖</div><div>1. S</div></div><div><div>✔</div><div>2. Q</div></div><div><div>✖</div><div>3. P</div></div><div><div>✖</div><div>4. T</div></div></div>
Q.36	<p>This question is based on the five, three-digit numbers given below. (Left) 205 712 237 862 578 (Right)</p> <p>(Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE: All operations to be done from left to right.)</p> <p>What will be the resultant if the third digit of the highest number is added to the first digit of the lowest number?</p>
Ans	<div><div><div>✖</div><div>1. 5</div></div><div><div>✖</div><div>2. 6</div></div><div><div>✖</div><div>3. 3</div></div><div><div>✔</div><div>4. 4</div></div></div>
Q.37	'Vilambit' and 'Drut' are two varieties of which of the following singing styles?
Ans	<div><div><div>✔</div><div>1. Khayal</div></div><div><div>✖</div><div>2. Dhrupad</div></div><div><div>✖</div><div>3. Tappa</div></div><div><div>✖</div><div>4. Thumri</div></div></div>
Q.38	When the difference between compound interest, compounded annually, and simple interest for three years is ₹217 at 10% interest per annum, the principal is ₹_____.
Ans	<div><div><div>✖</div><div>1. 8,200</div></div><div><div>✖</div><div>2. 7,420</div></div><div><div>✔</div><div>3. 7,000</div></div><div><div>✖</div><div>4. 6,425</div></div></div>
Q.39	Which drama received the 2025 Pulitzer Prize for Drama?
Ans	<div><div><div>✔</div><div>1. Purpose</div></div><div><div>✖</div><div>2. Fat Ham</div></div><div><div>✖</div><div>3. English</div></div><div><div>✖</div><div>4. The Minutes</div></div></div>
Q.40	The Industrial Finance Corporation of India (IFCI) was established in:
Ans	<div><div><div>✔</div><div>1. 1948</div></div><div><div>✖</div><div>2. 1956</div></div><div><div>✖</div><div>3. 1954</div></div><div><div>✖</div><div>4. 1952</div></div></div>
Q.41	<p>In a certain code language, 'COAT' is coded as '2486' and 'PALE' is coded as '5712'.</p> <p>What is the code for 'A' in the given code language?</p>
Ans	<div><div><div>✖</div><div>1. 5</div></div><div><div>✖</div><div>2. 7</div></div><div><div>✔</div><div>3. 2</div></div><div><div>✖</div><div>4. 8</div></div></div>

Q.42	Fiscal consolidation has remained a target of macroeconomic reforms. What was the targeted fiscal deficit as a percentage of GDP under the original FRBM Act 2003 ?
Ans	<div><div><div>✖</div><div>1. 2%</div></div><div><div>✖</div><div>2. 3.5%</div></div><div><div>✔</div><div>3. 3%</div></div><div><div>✖</div><div>4. 4%</div></div></div>
Q.43	A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 30.6 km/hr. The train takes 19.8 and 25.8 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?
Ans	<div><div><div>✖</div><div>1. 94 km/hr</div></div><div><div>✖</div><div>2. 96 km/hr</div></div><div><div>✔</div><div>3. 90 km/hr</div></div><div><div>✖</div><div>4. 80 km/hr</div></div></div>
Q.44	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	<div><div><div>✖</div><div>1. MQL</div></div><div><div>✖</div><div>2. RVQ</div></div><div><div>✖</div><div>3. KOJ</div></div><div><div>✔</div><div>4. OSM</div></div></div>
Q.45	What is the Great Plain of Northern India popularly known as?
Ans	<div><div><div>✖</div><div>1. Yamuna Valley Plain</div></div><div><div>✖</div><div>2. Northern Deccan Plain</div></div><div><div>✔</div><div>3. Indo-Ganga-Brahmaputra Plain</div></div><div><div>✖</div><div>4. Himalayan Foothill Plain</div></div></div>
Q.46	Mahatma Gandhi called off the Non-Cooperation Movement after the violent incident at Chauri Chaura. In which present-day state is Chauri Chaura located?
Ans	<div><div><div>✖</div><div>1. Rajasthan</div></div><div><div>✖</div><div>2. Bihar</div></div><div><div>✔</div><div>3. Uttar Pradesh</div></div><div><div>✖</div><div>4. Madhya Pradesh</div></div></div>
Q.47	Bikash starts from Point A and drives 12 km towards East. He then takes a left turn, drives 9 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 1 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified)
Ans	<div><div><div>✖</div><div>1. 2 km to the north</div></div><div><div>✖</div><div>2. 4 km to the north</div></div><div><div>✖</div><div>3. 1 km to the north</div></div><div><div>✔</div><div>4. 3 km to the north</div></div></div>
Q.48	Which island was renamed as Swaraj Dweep?
Ans	<div><div><div>✖</div><div>1. Ross Island</div></div><div><div>✖</div><div>2. Neil Island</div></div><div><div>✖</div><div>3. Barren Island</div></div><div><div>✔</div><div>4. Havelock Island</div></div></div>

Q.49	Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. TY-OT-JO AF-VA-QV Ans <div><div>✗ 1. LQ-GL-CG</div><div>✗ 2. PU-LP-FK</div><div>✓ 3. CH-XC-SX</div><div>✗ 4. FK-AE-VA</div></div>
Q.50	What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $31 \div 15 - 1017 \times 9 + 22 = ?$ Ans <div><div>✗ 1. 558</div><div>✗ 2. 552</div><div>✗ 3. 554</div><div>✓ 4. 556</div></div>
Q.51	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. No one has an exam before V. U has an exam immediately before R, but after S. Q has an exam before T but after P. How many people have exams between S and T? Ans <div><div>✗ 1. Three</div><div>✓ 2. Four</div><div>✗ 3. Two</div><div>✗ 4. One</div></div>
Q.52	This question is based on the five, three-digit numbers given below. (Left) 144 743 290 258 799 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) (NOTE: All operations to be done from left to right.) What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number? Ans <div><div>✓ 1. -5</div><div>✗ 2. -7</div><div>✗ 3. -4</div><div>✗ 4. -2</div></div>
Q.53	The average salary of all the workers in a factory is ₹14,000. The average salary of 80 skilled workers is ₹15,000 and the average salary of the remaining workers is ₹12,000. Find the total number of workers in the factory. Ans <div><div>✗ 1. 140</div><div>✗ 2. 150</div><div>✗ 3. 110</div><div>✓ 4. 120</div></div>
Q.54	Virat starts from point A and drives 7 km towards the south. He then takes a left turn, drives 5 km, turns left and drives 9 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90-degree turns only unless specified.) Ans <div><div>✗ 1. 7 km to the west</div><div>✗ 2. 6 km to the east</div><div>✓ 3. 7 km to the east</div><div>✗ 4. 6 km to the west</div></div>

Q.55 If $\cot \theta = \frac{7}{8}$, then evaluate $\frac{8(1 + \sin \theta)(1 - \sin \theta)}{7(1 + \cos \theta)(1 - \cos \theta)}$.

- Ans
1.

$\frac{7}{8}$

2.

$\frac{49}{64}$

3.

$\frac{64}{49}$

4.

$\frac{8}{7}$

Q.56 Consider a scenario where a user is interacting with a graphical application. Which component of the computer system is primarily responsible for rendering the visual elements displayed on the monitor?

- Ans
1.

Motherboard chipset

2.

Central Processing Unit (CPU)

3.

Graphics Processing Unit (GPU)

4.

Random Access Memory (RAM)

Q.57 The least number which, when diminished by 5, is divisible by 20, 15, 14 and 22 is:

- Ans
1.

4578

2.

4612

3.

4625

4.

4586

Q.58 A water tank can be filled in 48 minutes by using 4 pipes of the same capacity. In how many minutes (rounded off to two decimal places) will the water tank be filled if we use 26 pipes of the same capacity as above?

- Ans
1.

3.17

2.

16.48

3.

7.38

4.

11.99

Q.59 Who won the Champions of the Earth Award, 2024, the UN's highest environmental recognition?

- Ans
1.

Zeeshan Khan

2.

Madhav Gadgil

3.

Sunderlal Bahuguna

4.

Ramdeo Misra

Q.60 The NVS-02 satellite, launched in 2025, is intended to augment which Indian system?

- Ans
1.

NavIC

2.

INSAT

3.

IRNSS

4.

GSAT

Q.61 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 5746238, what will be the sum of the highest and lowest digits in the new number thus formed?

- Ans
1.

11

2.

8

3.

9

4.

15

Q.62	2 times the present age of X is 7 years less than 6 times the present age of Y. At present, P is 2 times as old as X, and Y is 8 years younger than Q. If P is 50 years older than Q, then the present age (in years) of Y is:
Ans	<div><div><div>✗</div><div>1. 18</div></div><div><div>✓</div><div>2. 13</div></div><div><div>✗</div><div>3. 5</div></div><div><div>✗</div><div>4. 12</div></div></div>
Q.63	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. P has an exam on Thursday. T has an exam immediately before P, and V has an exam immediately after P. Only 3 people have an exam between U and Q. R has an exam immediately after Q. How many people have an exam between Q and S?
Ans	<div><div><div>✗</div><div>1. 3</div></div><div><div>✗</div><div>2. 1</div></div><div><div>✗</div><div>3. 2</div></div><div><div>✓</div><div>4. 4</div></div></div>
Q.64	In 1820-21, which tribal group led a revolt against the authorities in the area now known as West Singhbhum district of Jharkhand, which was later suppressed by the British?
Ans	<div><div><div>✗</div><div>1. Santhal tribes</div></div><div><div>✗</div><div>2. Munda tribes</div></div><div><div>✗</div><div>3. Khasi tribes</div></div><div><div>✓</div><div>4. Ho tribes</div></div></div>
Q.65	Anwar's salary is ₹11,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.
Ans	<div><div><div>✗</div><div>1. 24,000</div></div><div><div>✗</div><div>2. 18,000</div></div><div><div>✗</div><div>3. 20,000</div></div><div><div>✓</div><div>4. 22,000</div></div></div>
Q.66	A dealer marks his goods at 65% above the cost price and allows a discount of 59% on the marked price. What is his gain or loss percentage (correct to two decimal places)?
Ans	<div><div><div>✗</div><div>1. 33.53% loss</div></div><div><div>✗</div><div>2. 33.88% gain</div></div><div><div>✓</div><div>3. 32.35% loss</div></div><div><div>✗</div><div>4. 32.07% gain</div></div></div>
Q.67	In September 2024, the Indian government constituted a high-level committee headed by which individual to examine the feasibility and implementation of the 'One Nation, One Election' proposal?
Ans	<div><div><div>✗</div><div>1. Justice BN Srikrishna</div></div><div><div>✗</div><div>2. Venkaiah Naidu</div></div><div><div>✓</div><div>3. Ram Nath Kovind</div></div><div><div>✗</div><div>4. Justice RM Lodha</div></div></div>
Q.68	HN 19 is related to DK 30 in a certain way. In the same way, JR 11 is related to FO 22. To which of the given options is SF 3 related, following the same logic?
Ans	<div><div><div>✗</div><div>1. NB 12</div></div><div><div>✓</div><div>2. OC 14</div></div><div><div>✗</div><div>3. NC 14</div></div><div><div>✗</div><div>4. OB 12</div></div></div>

Q.69 The ratio of three numbers is 20 : 14 : 6. If 65 percent of the first number is 39, what would be 50 percent of the difference of the third and second number?

- Ans
- ☐ 1. 11
 - ☐ 2. 14
 - ☒ 3. 12
 - ☐ 4. 10

Q.70 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JQ29, LS36, NU43, PW50, ?

- Ans
- ☐ 1. RX58
 - ☒ 2. RY57
 - ☐ 3. RY58
 - ☐ 4. RX57

Q.71 A buffer solution has $[CH_3COOH] = 0.1\text{ M}$ and $[CH_3COO^-] = 0.1\text{ M}$. If pK_a of CH_3COOH is 4.76, then what is its pH?

- Ans
- ☒ 1. 4.76
 - ☐ 2. 3.76
 - ☐ 3. 7.00
 - ☐ 4. 5.76

Q.72 A 250 m long train overtakes a man moving at a speed of 7 km/hr (in same direction) in 50 seconds. How much time (in seconds) will this train take to completely cross another 280 m long train, moving in the opposite direction at a speed of 28 km/hr?

- Ans
- ☒ 1. 36
 - ☐ 2. 54
 - ☐ 3. 49
 - ☐ 4. 50

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) 7 2 2 € 9 8 1 9 * 8 € 2 4 9 7 2 * \$ & * 6 \$ (Right)

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

- Ans
- ☒ 1. 6
 - ☐ 2. 8
 - ☐ 3. 7
 - ☐ 4. 5

Q.74 A shopkeeper purchased 83 dozens of articles at the rate of ₹560 per dozen. He sold each one of them at the rate of ₹49. What percentage profit did he make?

- Ans
- ☐ 1. 8%
 - ☐ 2. 3%
 - ☒ 3. 5%
 - ☐ 4. 7%

Q.75	What should come in place of the question mark (?) in the given series? 79 77.8 76.6 ? 74.2 73
Ans	<div><div><div>✗</div><div>1. 74.8</div></div><div><div>✗</div><div>2. 76</div></div><div><div>✗</div><div>3. 74.6</div></div><div><div>✓</div><div>4. 75.4</div></div></div>
Q.76	Which sector is the largest recipient of foreign direct investment in the first half of financial year 2024-25?
Ans	<div><div><div>✗</div><div>1. Mining sector</div></div><div><div>✗</div><div>2. Manufacturing sector</div></div><div><div>✓</div><div>3. Service sector</div></div><div><div>✗</div><div>4. Agricultural sector</div></div></div>
Q.77	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3582147, then how many digits will appear more than once in the new number thus formed?
Ans	<div><div><div>✗</div><div>1. 3</div></div><div><div>✗</div><div>2. 0</div></div><div><div>✗</div><div>3. 1</div></div><div><div>✓</div><div>4. 2</div></div></div>
Q.78	Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	<div><div><div>✗</div><div>1. IL - GJ</div></div><div><div>✗</div><div>2. QT - OR</div></div><div><div>✓</div><div>3. LJ - MK</div></div><div><div>✗</div><div>4. KN - IL</div></div></div>
Q.79	When saving an MS PowerPoint presentation, which of the following options would be most suitable if the primary goal is to ensure the presentation opens in slideshow view by default for recipients who may not have MS PowerPoint installed?
Ans	<div><div><div>✗</div><div>1. OpenDocument Presentation (.odp)</div></div><div><div>✗</div><div>2. PDF (.pdf)</div></div><div><div>✓</div><div>3. PowerPoint Show (.ppsx)</div></div><div><div>✗</div><div>4. PowerPoint Presentation (.pptx)</div></div></div>
Q.80	45 is related to 5 following a certain logic. Following the same logic, 81 is related to 9. To which of the following is 63 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
Ans	<div><div><div>✓</div><div>1. 7</div></div><div><div>✗</div><div>2. 9</div></div><div><div>✗</div><div>3. 8</div></div><div><div>✗</div><div>4. 6</div></div></div>

Q.81 The inability to isolate intact DNA for structural studies prior to the 1950s was primarily due to which molecular feature?

- Ans

☐

1. DNA's high melting point

☐

2. DNA's susceptibility to UV degradation

☐

3. DNA's interaction with histone proteins

☒

4. DNA's large polymeric nature and fragility

Q.82 Which of the following is known as the 'Steel City of India'?

- Ans

☒

1. Jamshedpur

☐

2. Indore

☐

3. Ankaleswar

☐

4. Pilani

Q.83 According to the office of the Registrar General and Census Commissioner of India, a city with a population exceeding 10 million is classified as which type of urban settlement?

- Ans

☐

1. Metro town

☒

2. Mega City

☐

3. Town

☐

4. Metropolitan City

Q.84 Capital account convertibility refers to free movement of capital across borders. Which of the following committees recommended full capital account convertibility?

- Ans

☐

1. Suresh Tendulkar Committee

☒

2. Tarapore Committee

☐

3. Ashok Mehta Committee

☐

4. Rangarajan Committee

Q.85 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

JQ-NU-RT
MT-QX-UW

- Ans

☒

1. CJ-GN-KM

☐

2. DJ-GN-KL

☐

3. DJ-GM-KL

☐

4. CJ-GN-KL

Q.86 What is the median of the following distribution?

Class	150-200	200-250	250-300	300-350	350-400
Frequency	20	19	32	27	12

- Ans

☐

1. 261

☐

2. 286

☐

3. 293

☒

4. 275

Q.87 The ratio of incomes of Seema and Darshan is 2 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 12 : 19, then what is the total expenditure (in ₹) of Seema and Darshan?

- Ans

☐

1. 4,21,000

☒

2. 4,18,500

☐

3. 4,18,000

☐

4. 4,22,000

Q.88 What is the primary advantage of using a virtual file system (VFS) layer within an operating system?

- Ans**
- ☐ 1. To directly manage the physical storage devices
 - ☐ 2. To handle the low-level details of file storage and retrieval for a single file system
 - ☐ 3. To optimise disk access speeds for specific file system types
 - ☒ 4. To provide a consistent interface for applications to access different file systems

Q.89 What should come in place of the question mark (?) in the given series?

882 880 876 870 862 ?

- Ans**
- ☒ 1. 852
 - ☐ 2. 856
 - ☐ 3. 850
 - ☐ 4. 854

Q.90 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

CXS EZU GBW IDY ?

- Ans**
- ☐ 1. FKA
 - ☒ 2. KFA
 - ☐ 3. FAK
 - ☐ 4. KAF

Q.91 Rohan has ₹($3x^2 + 5xy + 7y^2$) in his pocket. He spent ₹($2x^2 + 5xy + 4y^2$) out of it. How much money is left with Rohan?

- Ans**
- ☐ 1. ₹ ($x^2 - 3y^2$)²
 - ☒ 2. ₹ ($x^2 + 3y^2$)
 - ☐ 3. ₹ ($x^2 - 3y^2$)
 - ☐ 4. ₹ ($x^2 + 3y$)²

Q.92 A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. G sits to the immediate left of D. B sits to the immediate left of C. C sits second to the left of A. I sits third to the left of D. Who sits third to the right of H?

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

Q.93 In a certain code language, 'CARE' is coded as '5391' and 'RIBS' is coded as '2458'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 9
 - ☐ 2. 2
 - ☒ 3. 5
 - ☐ 4. 8

Q.94 SI 14 is related to WH -2 in a certain way. In the same way, MJ 18 is related to QI 2. To which of the given options is PV 4 related, following the same logic?

- Ans**
- ☒ 1. TU -12
 - ☐ 2. NG -6
 - ☐ 3. HT -8
 - ☐ 4. KH -7

Q.95 Who among the following was appointed the new Director General of the Central Reserve Police Force (CRPF) in January 2025?

- Ans
- ☐ 1. Vitul Kumar
 - ☐ 2. Kuldeep Singh
 - ☒ 3. Gyanendra Pratap Singh
 - ☐ 4. Anish Dayal Singh

Q.96 In February 2025, the Indian government imposed a ban on the manufacture and export of which two opioid drugs due to concerns over their misuse and associated health risks in West African countries?

- Ans
- ☐ 1. Codeine and Tramadol
 - ☒ 2. Tapentadol and Carisoprodol
 - ☐ 3. Oxycodone and Hydrocodone
 - ☐ 4. Morphine and Fentanyl

Q.97 Which of the following correctly represents the three levels/tiers in the Panchayati Raj system in India?

- Ans
- ☐ 1. Gram Sabha, Municipal Council, Cantonment Board
 - ☐ 2. Gram Panchayat, Block Assemblies, State Assembly
 - ☒ 3. Village Panchayat, Block Samiti, Zilla Parishad
 - ☐ 4. Village Panchayat, Municipal Corporation, Zilla Parishad

Q.98 In January 2025, a camera trap in Namdapha Tiger Reserve captured an elephant after 12 years, indicating the presence of elephants in which Indian state?

- Ans
- ☐ 1. Meghalaya
 - ☐ 2. Assam
 - ☐ 3. Nagaland
 - ☒ 4. Arunachal Pradesh

Q.99 What was the name of the new department opened by Muhammad Tughlaq for the development of agriculture?

- Ans
- ☐ 1. Diwan-i-Risalat
 - ☐ 2. Diwan-i-Qaza
 - ☒ 3. Diwan-i-Kohi
 - ☐ 4. Diwan-i-Wizarat

Q.100 What is the median of the following data?

59, 34, 84, 70, 56, 99, 98, 49, 76, 19, 69

- Ans
- ☐ 1. 69.5
 - ☐ 2. 70
 - ☒ 3. 69
 - ☐ 4. 68.5