



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर पी एफ - ०२/२०२४ - CEN RPF - 02/2024



Exam Date	09/03/2025
Centre Name	iON Digital Zone iDZ Kovilambakkam
Exam Time	4:00 PM - 5:30 PM

\* 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 : Arithmetic	
Q.1	2 men can complete a piece of work in 18 days while 6 women can do it in 6 days. In how many days can 3 women and 6 men complete it?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 6 days</div> <div><div><input checked="" type="checkbox"/></div>2. 4 days</div> <div><div><input checked="" type="checkbox"/></div>3. 1 day</div> <div><div><input checked="" type="checkbox"/></div>4. 8 days</div>
Q.2	In what ratio should sugar costing ₹71 per kg be mixed with sugar costing ₹22 per kg so that by selling the mixture at ₹41.6 per kg, there is a profit of 30%?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 10 : 39</div> <div><div><input checked="" type="checkbox"/></div>2. 11 : 37</div> <div><div><input checked="" type="checkbox"/></div>3. 12 : 41</div> <div><div><input checked="" type="checkbox"/></div>4. 12 : 37</div>
Q.3	Two solid cubes each of volume $8,000\text{ cm}^3$ are joined end to end. Find the cost of paint the resulting cuboid all around at the rate of ₹25 per $100\text{ cm}^2$ .
Ans	<div><div><input checked="" type="checkbox"/></div>1. ₹1,100</div> <div><div><input checked="" type="checkbox"/></div>2. ₹1,140</div> <div><div><input checked="" type="checkbox"/></div>3. ₹1,060</div> <div><div><input checked="" type="checkbox"/></div>4. ₹1,000</div>
Q.4	Evaluate: $41 - [21 - \{11 - (15 - 8 \div 2 \times 3)\}]$
Ans	<div><div><input checked="" type="checkbox"/></div>1. 25</div> <div><div><input checked="" type="checkbox"/></div>2. 28</div> <div><div><input checked="" type="checkbox"/></div>3. 23</div> <div><div><input checked="" type="checkbox"/></div>4. 30</div>
Q.5	When an item is sold for if ₹3,510, it earns 17% profit on the cost price. The cost price is _____.
Ans	<div><div><input checked="" type="checkbox"/></div>1. ₹3,000</div> <div><div><input checked="" type="checkbox"/></div>2. ₹2,914</div> <div><div><input checked="" type="checkbox"/></div>3. ₹596</div> <div><div><input checked="" type="checkbox"/></div>4. ₹1,500</div>

Q.6	Find the value of $\left(\frac{1}{4}\right)^{-4} + \left(\frac{1}{8}\right)^{-4} + \left(\frac{1}{5}\right)^{-4}$ .
Ans	<div>✗ 1. 4974</div> <div>✗ 2. 4973</div> <div>✓ 3. 4977</div> <div>✗ 4. 4987</div>
Q.7	The value of $\sqrt{144} + \sqrt{0.0361} - \sqrt{5.29} =$
Ans	<div>✗ 1. 6.96</div> <div>✗ 2. 15.51</div> <div>✓ 3. 9.89</div> <div>✗ 4. 6.82</div>
Q.8	The marked price of a mobile phone was ₹18,500. A man bought the same for ₹13,000 after getting two successive discounts, the first at 24%. What was the second discount rate (correct to two places of decimals)?
Ans	<div>✗ 1. 9.25%</div> <div>✗ 2. 6.25%</div> <div>✓ 3. 7.54%</div> <div>✗ 4. 8.36%</div>
Q.9	The price of an article was increased by x%. Later the new price was decreased by x%. If the latest price was ₹1, then what was the original price of the article?
Ans	<div>✗ 1. ₹ <math>\frac{(1-x)}{100}</math></div> <div>✗ 2. ₹ <math>\frac{\sqrt{(1-x)}}{10}</math></div> <div>✓ 3. ₹ <math>\frac{10000}{(100-x)(100+x)}</math></div> <div>✗ 4. ₹100</div>
Q.10	The sum of 8 numbers is 720. Find their average.
Ans	<div>✗ 1. 88</div> <div>✗ 2. 89</div> <div>✗ 3. 91</div> <div>✓ 4. 90</div>
Q.11	The monthly incomes of two friends Mahesh and David, are in the ratio 5 : 7 respectively and each of them saves ₹75000 every month. If the ratio of their monthly expenditure is 2 : 3, find the monthly income of Mahesh(in ₹).
Ans	<div>✗ 1. 376000</div> <div>✗ 2. 374000</div> <div>✓ 3. 375000</div> <div>✗ 4. 525000</div>
Q.12	A 320 m long train crosses a man walking at a speed of 9.4 km/h in the opposite direction in 24 seconds. What is the speed (in km/h) of the train ?
Ans	<div>✓ 1. 38.6</div> <div>✗ 2. 43.9</div> <div>✗ 3. 36.3</div> <div>✗ 4. 34.4</div>

Q.13	A sum, when invested at 10% simple interest per annum, amounts to ₹5040 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 2 years?
Ans	<div>✗ 1. 420</div> <div>✓ 2. 840</div> <div>✗ 3. 1680</div> <div>✗ 4. 3360</div>
Q.14	By selling an article for ₹115, a man loses 45%. At what price (in ₹) should he sell it to gain 32%?
Ans	<div>✗ 1. 266</div> <div>✗ 2. 286</div> <div>✓ 3. 276</div> <div>✗ 4. 296</div>
Q.15	A girl goes to school at a speed of 10 km/hr. She comes back with a speed of 15 km/hr. Find her average speed for the whole journey.
Ans	<div>✗ 1. 3 km/h</div> <div>✗ 2. 14 km/h</div> <div>✓ 3. 12 km/h</div> <div>✗ 4. 16 km/h</div>
Q.16	What is the smallest number that when decreased by 9 is divisible by 24, 33, 42 and 56?
Ans	<div>✗ 1. 1,758</div> <div>✗ 2. 1,875</div> <div>✓ 3. 1,857</div> <div>✗ 4. 1,785</div>
Q.17	If $27 : y :: y : 75$ , find the positive value of y.
Ans	<div>✗ 1. 49</div> <div>✗ 2. 53</div> <div>✗ 3. 40</div> <div>✓ 4. 45</div>
Q.18	An Uber bike covers a distance of 644 km in 23 hours. What is its speed in km/h?
Ans	<div>✗ 1. 29</div> <div>✓ 2. 28</div> <div>✗ 3. 24</div> <div>✗ 4. 37</div>
Q.19	The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 127. Find the average of the remaining two numbers?
Ans	<div>✓ 1. 186</div> <div>✗ 2. 205</div> <div>✗ 3. 187</div> <div>✗ 4. 206</div>
Q.20	If 40% of k is 10 less than 2400% of 15, then k is:
Ans	<div>✗ 1. 915</div> <div>✗ 2. 855</div> <div>✗ 3. 835</div> <div>✓ 4. 875</div>

Q.21	Nitin can do a piece of work in 7 hours. Pravin can do it in 42 hours. With the assistance of Rishi, they completed the work in 3 hours. In how many hours can Rishi alone do it?
Ans	<div><div><div><div></div></div><div>1. 5</div></div><div><div></div><div>2. 8</div></div><div><div></div><div>3. 6</div></div><div><div></div><div>4. 7</div></div></div>
Q.22	Simplify the expression: $(0.3)^3 + (0.6)^3 + (0.7)^3 - (3 \times 0.2 \times 0.4 \times 0.6)$
Ans	<div><div><div><div></div></div><div>1. 0.442</div></div><div><div></div><div>2. 0</div></div><div><div></div><div>3. 0.490</div></div><div><div></div><div>4. 0.333</div></div></div>
Q.23	In covering a distance of 126 km, Anirudh takes 5 hours more than Burhan. If Anirudh doubles his speed, then he would take 4 hour less than Burhan. Anirudh's speed is:
Ans	<div><div><div><div></div></div><div>1. 5 km/h</div></div><div><div></div><div>2. 2 km/h</div></div><div><div></div><div>3. 7 km/h</div></div><div><div></div><div>4. 15 km/h</div></div></div>
Q.24	On dividing 346024 by a certain number, the quotient is 2435 and the remainder is 254. Find the divisor.
Ans	<div><div><div><div></div></div><div>1. 152</div></div><div><div></div><div>2. 142</div></div><div><div></div><div>3. 122</div></div><div><div></div><div>4. 132</div></div></div>
Q.25	The average of first 121 even numbers is
Ans	<div><div><div><div></div></div><div>1. 122</div></div><div><div></div><div>2. 123</div></div><div><div></div><div>3. 122.5</div></div><div><div></div><div>4. 121.5</div></div></div>
Q.26	Ramu's field is in the shape of a trapezoid. If the lengths of its parallel sides are 534 metres and 712 metres, and the distance between the parallel sides is 310 metres, then what is the area (in m <sup>2</sup> ) of Ramu's field?
Ans	<div><div><div><div></div></div><div>1. 1,93,130</div></div><div><div></div><div>2. 1,30,193</div></div><div><div></div><div>3. 1,91,330</div></div><div><div></div><div>4. 1,03,139</div></div></div>
Q.27	If you give ₹4,000 to your friend for 2 years at an interest rate of 5%, compounded annually. How much money (in ₹) will your friend return after 2 years?
Ans	<div><div><div><div></div></div><div>1. 8,820</div></div><div><div></div><div>2. 4,410</div></div><div><div></div><div>3. 441</div></div><div><div></div><div>4. 44,410</div></div></div>

Q.28	The ages of Himani and Pushpraj are in the ratio of 9 : 5 respectively. After 5 years the ratio of their ages will be 7 : 4. What is the difference in their present ages?
Ans	<div>✓ 1. 60</div> <div>✗ 2. 48</div> <div>✗ 3. 47</div> <div>✗ 4. 68</div>
Q.29	The HCF and LCM of two natural numbers are 12 and 72, respectively. What is the average of the two numbers if one of the numbers is 24?
Ans	<div>✗ 1. 60</div> <div>✗ 2. 12</div> <div>✗ 3. 36</div> <div>✓ 4. 30</div>
Q.30	The value of $\frac{3.6 \times 0.48 \times 2.50}{0.12 \times 0.09 \times 0.5}$ is _____.
Ans	<div>✓ 1. 800</div> <div>✗ 2. 400</div> <div>✗ 3. 200</div> <div>✗ 4. 600</div>
Q.31	Radhika invested a sum of money at a compound interest of 40% per annum compounding half-yearly for 18 months. If the amount received by Radhika at the end of 18 months is ₹51,840, then what was the sum of money (in ₹) invested by Radhika?
Ans	<div>✓ 1. 30,000</div> <div>✗ 2. 29,500</div> <div>✗ 3. 29,000</div> <div>✗ 4. 30,500</div>
Q.32	Pinki can craft a designer pot in 900 minutes while Sneha can do the same work in 20 hours. If they work together, the craft work can be completed in:
Ans	<div>✓ 1. between 8 hours and 9 hours</div> <div>✗ 2. exactly 8 hours</div> <div>✗ 3. exactly 9 hours</div> <div>✗ 4. more than 9 hours</div>
Q.33	In what ratio must a seller mix two varieties of teas costing ₹80 and ₹120 per kg respectively so as to get a mixture worth ₹100 per kg?
Ans	<div>✓ 1. 1 : 1</div> <div>✗ 2. 3 : 5</div> <div>✗ 3. 1 : 2</div> <div>✗ 4. 2 : 1</div>
Q.34	A refrigerator is marked at ₹18,000. A store offers a discount of 30% on the marked price. If a customer uses a voucher for an additional ₹1,000 off after the discount, what is the final price?
Ans	<div>✗ 1. ₹13,000</div> <div>✗ 2. ₹14,000</div> <div>✓ 3. ₹11,600</div> <div>✗ 4. ₹12,600</div>

Q.35 The volume (in cm<sup>3</sup>) of a wire of diameter 10 cm and length 28 m is:

take  $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 221000
  - ☐ 2. 220500
  - ☐ 3. 220100
  - ☒ 4. 220000

Section : General Intelligence and Reasoning

Q.36 Seven colleagues B, C, E, F, I, J, and M are sitting around a circular table facing the centre. C sits second to the left of B and B sits to the immediate left of F. Only two persons sit between F and J. E is the immediate neighbour of I and F. Who are the immediate neighbours of M?

- Ans
- ☐ 1. C and J
  - ☐ 2. B and E
  - ☒ 3. C and B
  - ☐ 4. C and E

Q.37 Seven boxes D, E, F, H, I, J and K are kept one over the other but not necessarily in the same order. Only two boxes are kept between E and J. Only I is kept above K. No box is kept below J. D is kept at some place below H but at some place above F. Which box is kept third above F?

- Ans
- ☐ 1. D
  - ☒ 2. H
  - ☐ 3. F
  - ☐ 4. E

Q.38 Ayush starts from Point A and drives 8 km towards the west. He then takes a right turn, drives 7 km, turns right and drives 12 km. He then takes a right turn and drives 9 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° turns only unless specified.)

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

Q.39 What should come in place of the question mark (?) in the given series?

7 12 25 41 65 92 ?

- Ans
- ☐ 1. 142
  - ☐ 2. 122
  - ☐ 3. 172
  - ☒ 4. 127

Q.40 In a certain code language, 'WCIM' is coded as '5-25-19-15' and 'PSBQ' is coded as '12-9-26-11'. What is the code for 'ELZT' in the given code language?

- Ans
- ☐ 1. 24-18-4-9
  - ☒ 2. 23-16-2-8
  - ☐ 3. 21-14-3-6
  - ☐ 4. 22-15-1-7

Q.41

Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All mugs are pots.

All containers are pots.

Conclusions:

(I) Some mugs are containers.

(II) Some pots are containers.

Ans

✗

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

✗

2. Only conclusion (I) follows.

✓

3. Only conclusion (II) follows.

✗

4. Both conclusions (I) and (II) follow.

Q.42

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

23, 34, 56, 89, 133, ?

Ans

✗

1. 186

✗

2. 184

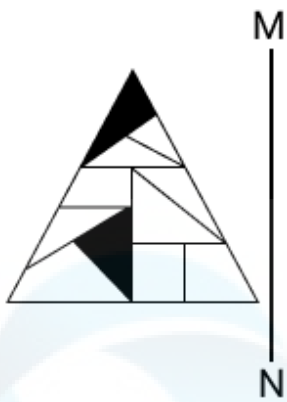
✗

3. 182

✓

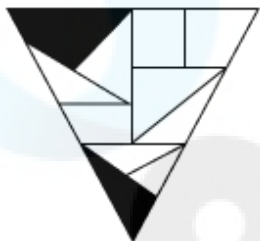
4. 188

Q.43 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

✗ 1.



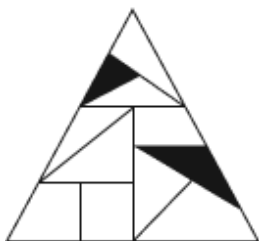
✓ 2.



✗ 3.



✗ 4.



Q.44 Each of the digits in the number 9362145 is arranged in ascending order from left to right. What will be the sum of the digits which are second from the left and third from the right in the number thus formed?

Ans

✗ 1. 12

✓ 2. 7

✗ 3. 8

✗ 4. 10



Q.45	<p>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.)</p>
Ans	<div><div><div>✗</div><div>1. FAE</div></div><div><div>✗</div><div>2. NIM</div></div><div><div>✓</div><div>3. KFI</div></div><div><div>✗</div><div>4. GBF</div></div></div>
Q.46	<p>In a certain code language, 'widely spread disease' is coded as 'kt nv bp' and 'pandemic disease outbreak' is coded as 'th po nv'. How is 'disease' coded in the given language?</p>
Ans	<div><div><div>✗</div><div>1. bp</div></div><div><div>✓</div><div>2. nv</div></div><div><div>✗</div><div>3. th</div></div><div><div>✗</div><div>4. kt</div></div></div>
Q.47	<p>If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3842675, how many digits will appear more than once in the new number thus formed?</p>
Ans	<div><div><div>✓</div><div>1. Two</div></div><div><div>✗</div><div>2. One</div></div><div><div>✗</div><div>3. Three</div></div><div><div>✗</div><div>4. None</div></div></div>
Q.48	<p>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.</p> <p>Statements: Some bats are shoes. All shoes are gloves. Some gloves are helmets.</p> <p>Conclusions: (I) All helmets are shoes. (II) All gloves are bats.</p>
Ans	<div><div><div>✓</div><div>1. Neither conclusion (I) nor (II) follows.</div></div><div><div>✗</div><div>2. Both conclusions (I) and (II) follow.</div></div><div><div>✗</div><div>3. Only conclusion (II) follows.</div></div><div><div>✗</div><div>4. Only conclusion (I) follows.</div></div></div>
Q.49	<p>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.)</p>
Ans	<div><div><div>✗</div><div>1. NSX</div></div><div><div>✗</div><div>2. INS</div></div><div><div>✓</div><div>3. LOV</div></div><div><div>✗</div><div>4. GLQ</div></div></div>
Q.50	<p>GLRQ is related to CHNM in a certain way based on the English alphabetical order. In the same way, JPTX is related to FLPT. To which of the given options is WMKG related, following the same logic?</p>
Ans	<div><div><div>✗</div><div>1. UKIE</div></div><div><div>✗</div><div>2. KGWM</div></div><div><div>✓</div><div>3. SIGC</div></div><div><div>✗</div><div>4. VLJF</div></div></div>

Q.51 Each of E, M, P, L, O, Y and S has an exam on a different day of a week, starting from Monday and ending on Sunday of the same week. Only one person has exam after L. Only one person has exam between O and L. M has exam immediately before P. Y has exam on one of the days after S. E has exam immediately after P. How many people have exam between Y and E?

- Ans
- ☒ 1. Zero
  - ☒ 2. Three
  - ☒ 3. Two
  - ☒ 4. One

Q.52 In a certain code language, 'let us play' is coded as 'ke ro gi', 'let me go' is coded as 'ma lu ke' and 'play with me' is coded as 'ho gi lu'. How is 'go' coded in the given language?

- Ans
- ☒ 1. lu
  - ☒ 2. gi
  - ☒ 3. ke
  - ☒ 4. ma

Q.53 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:  
All trunks are peanuts.  
Some grains are trunks.  
No crows are trunks.

Conclusions:  
(I) Some grains are not crows.  
(II) Some peanuts are not grains.

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

Q.54 In a certain code language,  
A + B means 'A is the mother of B',  
A - B means 'A is the brother of B',  
A × B means 'A is the wife of B',  
and A ÷ B means 'A is the father of B'.

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

- Ans
- ☒ 1. Father's mother
  - ☒ 2. Wife's mother
  - ☒ 3. Mother
  - ☒ 4. Mother's mother

Q.55 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 8 9 % + 7 > 6 # < % % ? 6 2 \$ / 6 (Right)

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

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

Q.56 In a certain code language,  
A \* B means 'A is the wife of B'  
A > B means 'A is the brother of B'  
A ; B means 'A is the father of B'  
A - B means 'A is the sister of B'

Based on the above, how is R related to T if 'R ; O - H > I \* T'?

- Ans
- ✗ 1. Wife's sister
  - ✗ 2. Wife's mother
  - ✗ 3. Wife's daughter
  - ✓ 4. Wife's father

Q.57 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?  
  
KLR -1 MKT -6 OJV -15 QIX -26 ?

- Ans
- ✗ 1. SHA -37
  - ✗ 2. SIY -39
  - ✓ 3. SHZ -39
  - ✗ 4. SUZ -37

Q.58 What should come in place of the question mark (?) in the given series?  
  
77 93 113 139 173 ?

- Ans
- ✗ 1. 209
  - ✗ 2. 229
  - ✓ 3. 217
  - ✗ 4. 237

Q.59 Select the term from among the given options that can replace the question mark (?) in the following series.  
LSF2, JPJ9, HMN18, FJR29, ?

- Ans
- ✗ 1. EHW40
  - ✗ 2. EGU40
  - ✓ 3. DGV42
  - ✗ 4. DHW42

Q.60 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. D sits third from the left end of the row. Only two people sit to the right of B. A is the immediate neighbour of G and B. F sits to the immediate right of E. How many people sit to the right of C?

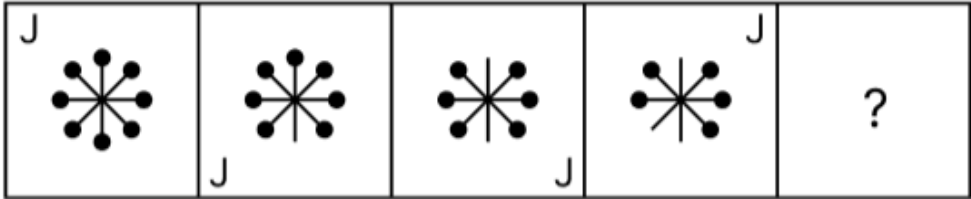
- Ans
- ✗ 1. Two
  - ✗ 2. Four
  - ✗ 3. Five
  - ✓ 4. Three

Q.61 Alex starts from Point A and drives 9 km towards East. He then takes a left turn, drives 5 km, turns left and drives 11 km. He then takes a left turn and drives 7 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
- ✗ 1. 3 km to the North
  - ✗ 2. 2 km to the South
  - ✗ 3. 3 km to the South
  - ✓ 4. 2 km to the North

Q.62	<p>P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only one person sits between U and Q when counted from the right of U. Only one person sits between Q and T. Only one person sits between U and V. Only two people sit between P and T. Only one person sits between S and V. How many people sit between U and S when counted from the left of S?</p> <p>Ans</p> <div><div><div>✖</div><div>1. 4</div></div><div><div>✖</div><div>2. 1</div></div><div><div>✔</div><div>3. 2</div></div><div><div>✖</div><div>4. 3</div></div></div>
Q.63	<p>Each of the digits in the number 2846359 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?</p> <p>Ans</p> <div><div>✖</div><div>1. Four</div></div> <div><div>✔</div><div>2. Three</div></div> <div><div>✖</div><div>3. One</div></div> <div><div>✖</div><div>4. Two</div></div>
Q.64	<p>What should come in place of the question mark (?) in the given series based on the English alphabetical order?</p> <p>BGLQ HMRW NSXC TYDI ?</p> <p>Ans</p> <div><div>✖</div><div>1. ZOJE</div></div> <div><div>✔</div><div>2. ZEJO</div></div> <div><div>✖</div><div>3. ZOEJ</div></div> <div><div>✖</div><div>4. ZEOJ</div></div>
Q.65	<p>Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.</p> <p>(Left) 5 3 1 4 8 7 5 8 4 1 2 7 6 4 7 2 3 5 9 2 5 4 1 9 7 3 6 (Right)</p> <p>How many such odd digits are there each of which is immediately preceded by an even digit and also immediately followed by an odd digit?</p> <p>Ans</p> <div><div>✖</div><div>1. More than three</div></div> <div><div>✖</div><div>2. Two</div></div> <div><div>✔</div><div>3. Three</div></div> <div><div>✖</div><div>4. One</div></div>
Q.66	<p>Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.</p> <p>KPY : LQZ WHR : XIS</p> <p>Ans</p> <div><div>✖</div><div>1. SWB : TYD</div></div> <div><div>✖</div><div>2. GMT : FLS</div></div> <div><div>✔</div><div>3. ATO : BUP</div></div> <div><div>✖</div><div>4. GKD : IMF</div></div>

Q.67 Identify the figure given in the options which when put in place of '?' will logically complete the series.



Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Q.68 In three of the following four number pairs, the numbers are related in the same way and thus form a group. Which number pair DOES NOT belong to that group?  
(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
- ✗ 1. 4 : 64
  - ✗ 2. 8 : 512
  - ✓ 3. 6 : 212
  - ✗ 4. 10 : 1000

Q.69 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

NT-PV-RU  
LR-NT-PS

- Ans
- ✗ 1. IP-LR-NO
  - ✗ 2. IP-LS-NO
  - ✗ 3. JP-LR-NO
  - ✓ 4. JP-LR-NQ

Q.70 Refer to the following series and answer the question (all numbers are single digit numbers only).

(Left) 1 9 9 2 7 6 3 3 8 2 9 4 8 4 1 8 5 2 5 6 2 (Right)

How many such odd digits are there each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

- Ans ☒ 1. One
- ☐ 2. Two
- ☐ 3. Three
- ☐ 4. Four

Section : General Awareness

Q.71 In October 2024, Surinder Singh Choudhary was appointed Deputy Chief Minister of which State/UT?

- Ans ☐ 1. Delhi
- ☐ 2. Lakshadweep
- ☐ 3. Haryana
- ☒ 4. Jammu and Kashmir

Q.72 Newborns receive the BCG vaccine at birth. BCG stands for \_\_\_\_.

- Ans ☐ 1. Basal Cell Carcinoma
- ☐ 2. Bladder Cancer Gene
- ☐ 3. Bacterial Capsular Genes
- ☒ 4. Bacillus Calmette-Guerin

Q.73 Under the British Colonial rule, what accounted for most of India’s exports by the 1850s?

- Ans ☒ 1. Raw materials like raw cotton, opium and indigo
- ☐ 2. Spices and tea
- ☐ 3. Manufactured goods
- ☐ 4. Processed goods like fine cotton and silk

Q.74 Military Exercise SHAKTI was conducted between India and \_\_\_\_\_ in 2024.

- Ans ☒ 1. France
- ☐ 2. Kazakhstan
- ☐ 3. Germany
- ☐ 4. Japan

Q.75 From which site of the Indus Valley Civilisation was a design on a pot which seems to tell the story of the thirsty crow, who finds a clever way to drink water at the bottom of the pot, found?

- Ans ☐ 1. Harappa
- ☐ 2. Mohenjo-daro
- ☐ 3. Rakhigarhi
- ☒ 4. Lothal

Q.76 Area under constant velocity – time curve equals \_\_\_\_\_ of the object over a given time interval.

- Ans ☐ 1. final velocity
- ☐ 2. acceleration
- ☒ 3. displacement
- ☐ 4. momentum

Q.77	Actor-politician Pawan Kalyan, who was appointed as the Deputy Chief Minister of Andhra Pradesh in June 2024, belongs to which political party?
Ans	<div><div><input type="checkbox"/></div>1. Telugu Desam Party</div> <div><div><input type="checkbox"/></div>2. Communist Party of India (M)</div> <div><div><input checked="" type="checkbox"/></div>3. Jana Sena Party</div> <div><div><input type="checkbox"/></div>4. YSR Congress Party</div>
Q.78	The National Commission for Scheduled Castes is constituted under which Article?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Article 338</div> <div><div><input type="checkbox"/></div>2. Article 348 A</div> <div><div><input type="checkbox"/></div>3. Article 338 B</div> <div><div><input type="checkbox"/></div>4. Article 349</div>
Q.79	Name the classical language in which the ancient grammar book Tolkappiyam was written.
Ans	<div><div><input type="checkbox"/></div>1. Odia</div> <div><div><input type="checkbox"/></div>2. Prakrit</div> <div><div><input checked="" type="checkbox"/></div>3. Tamil</div> <div><div><input type="checkbox"/></div>4. Sanskrit</div>
Q.80	In which of the following states is Gangaur festival celebrated by the women folk to please Goddess Parvati?
Ans	<div><div><input type="checkbox"/></div>1. Gujarat</div> <div><div><input type="checkbox"/></div>2. Jharkhand</div> <div><div><input type="checkbox"/></div>3. Uttarakhand</div> <div><div><input checked="" type="checkbox"/></div>4. Rajasthan</div>
Q.81	In which of the following Indian states is the Sardar Sarovar Dam built?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Gujarat</div> <div><div><input type="checkbox"/></div>2. Assam</div> <div><div><input type="checkbox"/></div>3. Karnataka</div> <div><div><input type="checkbox"/></div>4. Rajasthan</div>
Q.82	With respect to the National Green Tribunal (NGT), which of the following statements is correct regarding the NGT's jurisdiction and the role of high courts?
Ans	<div><div><input type="checkbox"/></div>1. NGT decisions can only be appealed to the Supreme Court, bypassing high courts entirely.</div> <div><div><input checked="" type="checkbox"/></div>2. NGT is subordinate to the high courts in terms of territorial jurisdiction.</div> <div><div><input type="checkbox"/></div>3. NGT has exclusive jurisdiction, and high courts cannot hear cases related to the environment.</div> <div><div><input type="checkbox"/></div>4. NGT decisions are not subject to judicial review.</div>
Q.83	On hearing about which of the following on 4 February 1922, did Mahatma Gandhi go on a five-day fast and suspend the Non-cooperation Movement?
Ans	<div><div><input type="checkbox"/></div>1. Noakhali riots</div> <div><div><input type="checkbox"/></div>2. Jallianwala Bagh massacre</div> <div><div><input type="checkbox"/></div>3. Kakori conspiracy</div> <div><div><input checked="" type="checkbox"/></div>4. Chauri Chaura Incident</div>
Q.84	With regards to the Constitutional Amendment Bill, which of the following is correct?
Ans	<div><div><input type="checkbox"/></div>1. It is mandatory to be passed in either house of Parliament to become an Act.</div> <div><div><input type="checkbox"/></div>2. It is mandatory to be passed in Lok Sabha only to become an Act.</div> <div><div><input checked="" type="checkbox"/></div>3. It is mandatory to be passed in both houses of Parliament to become an Act.</div> <div><div><input type="checkbox"/></div>4. It is mandatory to be passed in Rajya Sabha only to become an Act.</div>

Q.85	Which of the following statements is/are correct in the context of Harappan religious practices?  I. Harappans used to worship female goddesses associated with fertility. II. Harappans also worshipped male gods such as Pashupati.
Ans	<div><div><input type="checkbox"/></div>1. Neither I nor II</div> <div><div><input type="checkbox"/></div>2. Only II</div> <div><div><input type="checkbox"/></div>3. Only I</div> <div><div><input checked="" type="checkbox"/></div>4. Both I and II</div>
Q.86	Which is the longest tributary of the river Ganga?
Ans	<div><div><input type="checkbox"/></div>1. Kosi</div> <div><div><input checked="" type="checkbox"/></div>2. Yamuna</div> <div><div><input type="checkbox"/></div>3. Gandak</div> <div><div><input type="checkbox"/></div>4. Ghaghara</div>
Q.87	General Service Enlistment Act was passed in which of the following years?
Ans	<div><div><input type="checkbox"/></div>1. 1852 AD</div> <div><div><input type="checkbox"/></div>2. 1854 AD</div> <div><div><input checked="" type="checkbox"/></div>3. 1856 AD</div> <div><div><input type="checkbox"/></div>4. 1857 AD</div>
Q.88	How many kilometres of National Highway length were planned for development under Phase-I of Bharatmala Pariyojana, as per the Ministry of Road Transport and Highways?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 34,800 km</div> <div><div><input type="checkbox"/></div>2. 30,200 km</div> <div><div><input type="checkbox"/></div>3. 28,500 km</div> <div><div><input type="checkbox"/></div>4. 36,500 km</div>
Q.89	The men's hockey team received a cash prize of what amount for each player from Hockey India after winning bronze medal in 2024 Olympics?
Ans	<div><div><input type="checkbox"/></div>1. ₹5 lakh</div> <div><div><input type="checkbox"/></div>2. ₹7.5 lakh</div> <div><div><input checked="" type="checkbox"/></div>3. ₹15 lakh</div> <div><div><input type="checkbox"/></div>4. ₹20 lakh</div>
Q.90	In addition to Awadh, which of the following were the other territories annexed by the British under various pretexts?
Ans	<div><div><input type="checkbox"/></div>1. Mysore and Hyderabad</div> <div><div><input type="checkbox"/></div>2. Bengal and Punjab</div> <div><div><input type="checkbox"/></div>3. Assam and Nagaland</div> <div><div><input checked="" type="checkbox"/></div>4. Jhansi and Satara</div>
Q.91	Which of the following factors primarily contributed to the increase in headline inflation in June 2024, in India?
Ans	<div><div><input type="checkbox"/></div>1. Rise in service charges</div> <div><div><input type="checkbox"/></div>2. Increase in manufacturing costs</div> <div><div><input checked="" type="checkbox"/></div>3. Sharp increase in prices of vegetables, pulses, and edible oils</div> <div><div><input type="checkbox"/></div>4. Increase in fuel prices</div>



Q.92	Consider a copper cylinder at room temperature. What happens to the resistivity of a copper cylinder as its temperature increases?
Ans	<div><div><input type="checkbox"/></div>1. Decreases</div> <div><div><input type="checkbox"/></div>2. First decreases and then increases</div> <div><div><input checked="" type="checkbox"/></div>3. Increases</div> <div><div><input type="checkbox"/></div>4. Remains constant</div>

Q.100	Which of the following cities emerged as the electronic capital of India?
Ans	<div><div><input type="checkbox"/></div><div>1. Tiruchirappalli</div></div> <div><div><input type="checkbox"/></div><div>2. Gurugram</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Bengaluru</div></div> <div><div><input type="checkbox"/></div><div>4. Goa</div></div>
Q.101	Which of the following Acts had changed the designation of Governor General to Viceroy?
Ans	<div><div><input type="checkbox"/></div><div>1. Indian Council Act, 1861</div></div> <div><div><input type="checkbox"/></div><div>2. India Regulating Act, 1773</div></div> <div><div><input type="checkbox"/></div><div>3. Government of India Act, 1833</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Government of India Act, 1858</div></div>
Q.102	The British police attacked Lala Lajpat Rai during a peaceful demonstration against the _____ in 1928.
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Simon Commission</div></div> <div><div><input type="checkbox"/></div><div>2. Hindu casteism</div></div> <div><div><input type="checkbox"/></div><div>3. unjust taxes during famine</div></div> <div><div><input type="checkbox"/></div><div>4. British salt monopoly</div></div>
Q.103	What major operation did authorities conduct in May regarding India's gold reserves?
Ans	<div><div><input type="checkbox"/></div><div>1. Increasing gold deposit schemes domestically</div></div> <div><div><input type="checkbox"/></div><div>2. Selling gold reserves on the London bullion market</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Bringing gold reserves back from the Bank of England</div></div> <div><div><input type="checkbox"/></div><div>4. Transferring gold to the Bank for International Settlements</div></div>
Q.104	The book 'Sutta Pitaka' contains the words of which religious preacher?
Ans	<div><div><input type="checkbox"/></div><div>1. Guru Nanak Dev</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Buddha</div></div> <div><div><input type="checkbox"/></div><div>3. Surdas</div></div> <div><div><input type="checkbox"/></div><div>4. Mahavira</div></div>
Q.105	With respect to Directive Principles of State Policy under the Indian Constitution, the organiisation of village panchayat is a/an:
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Gandhian Principle</div></div> <div><div><input type="checkbox"/></div><div>2. Intellectual Principle</div></div> <div><div><input type="checkbox"/></div><div>3. Socialist Principle</div></div> <div><div><input type="checkbox"/></div><div>4. Neo-liberal Principle</div></div>
Q.106	Within the nucleus of eukaryotic cells, which of the following structures contains the tightly coiled genetic material?
Ans	<div><div><input type="checkbox"/></div><div>1. Golgi Apparatus</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Chromosomes</div></div> <div><div><input type="checkbox"/></div><div>3. Mitochondria</div></div> <div><div><input type="checkbox"/></div><div>4. Ribosomes</div></div>
Q.107	In June 2024, which country observed a series of anti-government and pro-democracy protests known as the quota reform movement?
Ans	<div><div><input type="checkbox"/></div><div>1. Sri Lanka</div></div> <div><div><input type="checkbox"/></div><div>2. Pakistan</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Bangladesh</div></div> <div><div><input type="checkbox"/></div><div>4. Nepal</div></div>

Q.108	India's first solar mission, Aditya-L1, completed its first halo orbit around the Sun-Earth L1 point on _____ .
Ans	<div><div><input type="checkbox"/></div>1. 12 July 2024</div> <div><div><input type="checkbox"/></div>2. 22 July 2024</div> <div><div><input type="checkbox"/></div>3. 23 July 2024</div> <div><div><input checked="" type="checkbox"/></div>4. 2 July 2024</div>
Q.109	Which country was India's largest trading partner in 2023-24?
Ans	<div><div><input type="checkbox"/></div>1. Germany</div> <div><div><input checked="" type="checkbox"/></div>2. China</div> <div><div><input type="checkbox"/></div>3. Japan</div> <div><div><input type="checkbox"/></div>4. USA</div>
Q.110	Researchers of which of the following Indian Institutes of Technology (IIT) have developed a nano-sensor to swiftly detect Cytokines, crucial proteins in disease progression, in April 2024?
Ans	<div><div><input type="checkbox"/></div>1. IIT Hyderabad</div> <div><div><input checked="" type="checkbox"/></div>2. IIT Jodhpur</div> <div><div><input type="checkbox"/></div>3. IIT Kharagpur</div> <div><div><input type="checkbox"/></div>4. IIT Madras</div>
Q.111	Which infrastructure project ongoing in 2024 aims to improve India's highways and logistics sector?
Ans	<div><div><input type="checkbox"/></div>1. Smart Cities Mission</div> <div><div><input type="checkbox"/></div>2. Pradhan Mantri Awas Yojana</div> <div><div><input checked="" type="checkbox"/></div>3. Bharatmala Pariyojana</div> <div><div><input type="checkbox"/></div>4. Swachh Bharat Mission</div>
Q.112	How many states in India had a bicameral legislature as of 2022?
Ans	<div><div><input type="checkbox"/></div>1. 14</div> <div><div><input type="checkbox"/></div>2. 5</div> <div><div><input type="checkbox"/></div>3. 10</div> <div><div><input checked="" type="checkbox"/></div>4. 6</div>
Q.113	Which sector was most neglected during British rule in India?
Ans	<div><div><input type="checkbox"/></div>1. Infrastructure sector</div> <div><div><input checked="" type="checkbox"/></div>2. Industrial sector</div> <div><div><input type="checkbox"/></div>3. Secondary sector</div> <div><div><input type="checkbox"/></div>4. Primary sector</div>
Q.114	Which of the following cities was NOT included in the July 2024 round of the Reserve Bank of India's Consumer Confidence Survey?
Ans	<div><div><input type="checkbox"/></div>1. Lucknow</div> <div><div><input type="checkbox"/></div>2. Mumbai</div> <div><div><input type="checkbox"/></div>3. Ranchi</div> <div><div><input checked="" type="checkbox"/></div>4. Kochi</div>
Q.115	In July 2024, Asia's first health research-related 'Pre-clinical Network Facility' under the Coalition of Epidemic Preparedness Innovations (CEPI) was inaugurated in which city?
Ans	<div><div><input type="checkbox"/></div>1. Bengaluru</div> <div><div><input checked="" type="checkbox"/></div>2. Faridabad</div> <div><div><input type="checkbox"/></div>3. Pune</div> <div><div><input type="checkbox"/></div>4. Patiala</div>

Q.116	In which year was Radio broadcasting started in India by the Radio Club of Bombay?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. 1952</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. 1923</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. 1929</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. 1947</div></div>
Q.117	The Jawahar Gram Samridhi Yojana and Employment Assurance Scheme were merged into _____ in 2001.
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Sampoorna Grameen Rozgar Yojana</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Swarna Jayanthi Swaraj Yojana</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. MNREGA</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. DWACRA</div></div>
Q.118	Which of the following are the Northernmost and Southernmost ranges of Himalayas, respectively?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Himadri Himalaya and Middle Himalaya</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Great Himalaya and Shiwalik</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Shiwalik and Great Himalaya</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Middle Himalaya and Shiwalik</div></div>
Q.119	Which of the following statements accurately describes the land revenue systems implemented by the British in India and their impact on agriculture?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. In the Mahalwari system, land was held by individual cultivators who had autonomy over their land management.</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. The Zamindari system focused on high revenue collection by zamindars, leaving cultivators with little to reinvest in agriculture.</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. The Ryotwari and Mahalwari systems covered 4% and 38% of the land, respectively, and provided some development for improving land fertility.</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. The Zamindari system, covering the majority of land, provided incentives for cultivators to invest in their farms.</div></div>
Q.120	Spawo is the folk dance of _____.
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Ladakh</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Assam</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Puducherry</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Maharashtra</div></div>