



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



Exam Date	17/03/2025
Centre Name	iON Digital Zone iDZ Arunodaya Nagar
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 If $n = 75$, then find the value of $\left(1 - \frac{1}{n}\right) + \left(1 - \frac{2}{n}\right) + \left(1 - \frac{3}{n}\right) + \dots + (50 \text{ terms})$.

- Ans ☒ 1. 43
☒ 2. 13
☒ 3. 33
☒ 4. 23

Q.2 The smallest number which when diminished by 5, is divisible by 16, 18, 24 and 26 is

- Ans ☒ 1. 1872
☒ 2. 1879
☒ 3. 1887
☒ 4. 1877

Q.3 A bike goes 46 meters in a second. Find its speed in km/hr.

- Ans ☒ 1. 160.1
☒ 2. 173.2
☒ 3. 176.4
☒ 4. 165.6

Q.4 A trader marks his goods at 55% above the cost price and allows a discount of 20%. What is his gain percentage?

- Ans ☒ 1. 24%
☒ 2. 34%
☒ 3. 35%
☒ 4. 25%

Q.5 The tax on petrol is increased by 5%, but its consumption is decreased by 5%. The increase or decrease in the expenditure of money is:

- Ans ☒ 1. No change
☒ 2. 0.25% decrease
☒ 3. 0.25% increase
☒ 4. 5% increase

Q.6	Anwar bought 52 books for Rs 1130 from one shop and 47 books for Rs 925 from another. What is the average price (in Rs) he paid per book ?
Ans	<div> <input checked="" type="checkbox"/> 1. 20.76 </div> <div> <input type="checkbox"/> 2. 21.76 </div> <div> <input type="checkbox"/> 3. 22.76 </div> <div> <input type="checkbox"/> 4. 23.76 </div>
Q.7	A chemist has two solutions of alcohol and water. Solution A contains 70% alcohol, and solution B contains 30% alcohol. In what ratio should he mix them to get a solution containing 50% alcohol?
Ans	<div> <input type="checkbox"/> 1. 2 : 1 </div> <div> <input checked="" type="checkbox"/> 2. 1 : 1 </div> <div> <input type="checkbox"/> 3. 1 : 2 </div> <div> <input type="checkbox"/> 4. 1 : 3 </div>
Q.8	Simplify $(\frac{1}{2} \times \frac{8}{3}) - (\frac{1}{4} \times \frac{12}{9})$.
Ans	<div> <input type="checkbox"/> 1. 3 </div> <div> <input type="checkbox"/> 2. $\frac{5}{3}$ </div> <div> <input type="checkbox"/> 3. $\frac{2}{3}$ </div> <div> <input checked="" type="checkbox"/> 4. 1 </div>
Q.9	A man can row at the speed of 9.5 km/h in still water. He finds that it takes him twice as much time to row up than to row down the same distance in the river. Find the speed (in km/h) of the current.
Ans	<div> <input type="checkbox"/> 1. $4\frac{1}{3}$ </div> <div> <input checked="" type="checkbox"/> 2. $3\frac{1}{6}$ </div> <div> <input type="checkbox"/> 3. $2\frac{1}{6}$ </div> <div> <input type="checkbox"/> 4. $5\frac{1}{3}$ </div>
Q.10	A seven-digit number is divisible by 77. If 91 is added to this number, the resulting number is always divisible by which of the following numbers?
Ans	<div> <input checked="" type="checkbox"/> 1. 7 </div> <div> <input type="checkbox"/> 2. 77 </div> <div> <input type="checkbox"/> 3. 13 </div> <div> <input type="checkbox"/> 4. 91 </div>
Q.11	A pipe can fill a cistern in 3 hours. Due to a leak at the bottom, it is filled in 5 hours. When the cistern is full, in how much time will it be emptied by the leak?
Ans	<div> <input type="checkbox"/> 1. 10 hours </div> <div> <input type="checkbox"/> 2. 6 hours </div> <div> <input checked="" type="checkbox"/> 3. 7.5 hours </div> <div> <input type="checkbox"/> 4. 8.5 hours </div>

Q.12 A metal cylinder of diameter 24 cm and of length 168 cm is melted to form a cuboid metal object of dimensions 9 cm × 11 cm × 1 cm. The number of cuboid metal objects thus obtained are:

(Use $\pi = \frac{22}{7}$)

- Ans
- ✓ 1. 768
 - ✗ 2. 678
 - ✗ 3. 657
 - ✗ 4. 867

Q.13 Simplify
 $3 \times (2 \times (1^2)) \div 12 + 60 - 23$

- Ans
- ✗ 1. $\frac{449}{12}$
 - ✓ 2. $\frac{450}{12}$
 - ✗ 3. $\frac{455}{12}$
 - ✗ 4. $\frac{440}{12}$

Q.14 A bedsheet has a length of 148 inches and breadth of 104 inches. How much lace will be required to complete the border of the bedsheet?

- Ans
- ✗ 1. 548 inches
 - ✗ 2. 495 inches
 - ✓ 3. 504 inches
 - ✗ 4. 480 inches

Q.15 Paul deposited ₹41,375 in a private bank offering 20% compound interest for three years, compounding annually. What is the total interest (in ₹) received by Paul?

- Ans
- ✓ 1. 30,121
 - ✗ 2. 30,212
 - ✗ 3. 29,291
 - ✗ 4. 30,512

Q.16 A person can complete a journey in 28 hours. He covers the first one-third part of the journey at the rate of 81 km/h and the remaining distance at the rate of 27 km/h. What is the total distance of his journey?

- Ans
- ✗ 1. 979
 - ✗ 2. 982
 - ✓ 3. 972
 - ✗ 4. 981

Q.17 The present cost of a shopping complex is ₹124645. After a year, its cost increased to ₹141449. The percentage increase (rounded off to the nearest integer) in the cost of the shopping complex is:

- Ans
- ✓ 1. 13
 - ✗ 2. 12
 - ✗ 3. 9
 - ✗ 4. 18

Q.18	A sum, when invested at 10% simple interest per annum, amounts to ₹4080 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. 680</div> <div>✗ 2. 1360</div> <div>✗ 3. 2720</div> <div>✗ 4. 340</div>
Q.19	Successive discounts of 15% and 7% is equivalent to a single discount of:
Ans	<div>✓ 1. 20.95%</div> <div>✗ 2. 11%</div> <div>✗ 3. 23.05%</div> <div>✗ 4. 22%</div>
Q.20	The monthly incomes of two friends Nirmal and Rakesh, are in the ratio 5 : 7 respectively and each of them saves ₹90000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Nirmal(in ₹).
Ans	<div>✗ 1. 210000</div> <div>✗ 2. 149000</div> <div>✗ 3. 151000</div> <div>✓ 4. 150000</div>
Q.21	The ratio of milk and water in a 77 litre mixture is 6 : 5. Find the quantity (in litres) of water to be added to the mixture in order to make this ratio 1:1.
Ans	<div>✓ 1. 7</div> <div>✗ 2. 4</div> <div>✗ 3. 5</div> <div>✗ 4. 17</div>
Q.22	Mayank buys a refurbished laptop for ₹22,500 and spends ₹1,000 on its repairs. If he sells it to his friend Mithun for ₹30,000, his gain percentage (rounded to two decimal places) will be:
Ans	<div>✗ 1. 26.85%</div> <div>✗ 2. 27%</div> <div>✗ 3. 25%</div> <div>✓ 4. 27.66%</div>
Q.23	The sum of 8 numbers is 876. Find their average.
Ans	<div>✗ 1. 110.5</div> <div>✗ 2. 108.5</div> <div>✗ 3. 107.5</div> <div>✓ 4. 109.5</div>
Q.24	Calculate the LCM of $\frac{36}{25}$, $\frac{42}{125}$, $\frac{54}{55}$
Ans	<div>✗ 1. $151\frac{3}{5}$</div> <div>✗ 2. $151\frac{4}{5}$</div> <div>✗ 3. $151\frac{2}{5}$</div> <div>✓ 4. $151\frac{1}{5}$</div>

Q.25 P sells an item to Q at 25% profit. Q sells the same item to R at 56% loss. If R paid ₹ 2783 for the item, then at what price (in ₹) is the item purchased by P?

- Ans
- ☐ 1. 5057
 - ☐ 2. 5059
 - ☒ 3. 5060
 - ☐ 4. 5058

Q.26 Find the value of $\left[\left(\frac{3}{9}\right)^{-9} \times \left(\frac{9}{3}\right)^{-6} \times \left(\frac{1}{8}\right)^{-3} \right]^{-5}$

- Ans
- ☒ 1. $\left(\frac{3}{72}\right)^{15}$
 - ☐ 2. $\left(\frac{5}{72}\right)^{14}$
 - ☐ 3. $\left(\frac{3}{82}\right)^{15}$
 - ☐ 4. $\left(\frac{72}{3}\right)^{17}$

Q.27 If $(x + y) : (y + z) : (z + x) = 3 : 5 : 4$ and $(x + y + z) = 8$, then the value of z is ____.

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

Q.28 If the length of cuboid is 44 cm, breadth is 5 cm and the volume of cuboid is 1980 cm^3 , then find the height of cuboid (in cm).

- Ans
- ☐ 1. 2
 - ☒ 2. 9
 - ☐ 3. 14
 - ☐ 4. 4

Q.29 A car travels 167 km in the first hour and 127 km in the second hour. What is the average speed (in km/h) of the car for the whole journey?

- Ans
- ☐ 1. 146
 - ☐ 2. 142
 - ☐ 3. 145
 - ☒ 4. 147

Q.30 4 men can complete a piece of work in 14 days while 4 women can do it in 10 days. In how many days can 5 women and 7 men complete it?

- Ans
- ☐ 1. 2 days
 - ☒ 2. 4 days
 - ☐ 3. 8 days
 - ☐ 4. 3 days

Q.31	What is the difference between the compound interest on ₹10,000 for 1.5 years at 8% per annum, compounded yearly and half-yearly?
Ans	<div>✗ 1. ₹61.64</div> <div>✓ 2. ₹16.64</div> <div>✗ 3. ₹6.64</div> <div>✗ 4. ₹10.06</div>
Q.32	The average of first 137 even numbers is
Ans	<div>✓ 1. 138</div> <div>✗ 2. 137.5</div> <div>✗ 3. 138.5</div> <div>✗ 4. 139</div>
Q.33	A pipe can fill a tank in 6 hours. Another pipe can empty the filled tank in 12 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:
Ans	<div>✓ 1. 8</div> <div>✗ 2. 24</div> <div>✗ 3. 16</div> <div>✗ 4. 32</div>
Q.34	The value of $\sqrt{121} + \sqrt{0.0324} - \sqrt{9} =$
Ans	<div>✓ 1. 8.18</div> <div>✗ 2. 6.53</div> <div>✗ 3. 11.08</div> <div>✗ 4. 2.99</div>
Q.35	Three partners invested in a business in the ratio 6:2:9. They invested their capitals for 2 months, 10 months and 5 months, respectively. What was the ratio of their profits?
Ans	<div>✗ 1. 11:20:45</div> <div>✓ 2. 12:20:45</div> <div>✗ 3. 15:20:45</div> <div>✗ 4. 13:20:45</div>

Section : General Intelligence and Reasoning

Q.36	<p>In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.</p> <p>(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)</p> <p>9 - 11 3 - 5</p>
Ans	<div>✗ 1. 123 - 126</div> <div>✓ 2. 53 - 55</div> <div>✗ 3. 98 - 101</div> <div>✗ 4. 72 - 74</div>

Q.37	In a certain code language, 'shoes are big' is coded as 'tk jb zc' and 'are you going' is coded as 'zc mb tk'. How is 'are' coded in the given language?
Ans	<div><div><div><div></div></div><div>1. mb</div></div><div><div><div></div></div><div>2. jb</div></div><div><div><div></div></div><div>3. tk</div></div><div><div><div></div></div><div>4. zc</div></div></div>
Q.38	<p>If '+' and '-' are interchanged and 'x' and '÷' are interchanged, then what will come in place of the question mark (?) in the following equation?</p> <p>25 ÷ 3 + 10 × 5 - 6 = ?</p>
Ans	<div><div><div><div></div></div><div>1. 50</div></div><div><div><div></div></div><div>2. 79</div></div><div><div><div></div></div><div>3. 75</div></div><div><div><div></div></div><div>4. 80</div></div></div>
Q.39	Ashok starts from Point M and drives 9 km towards the east. Then he takes a right turn and drives 11 km and then again he takes a right turn and drives 3 km. Again he turns right and drives 7 km. At last, he turns left and drives 6 km and stops at point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again?
Ans	<div><div><div><div></div></div><div>1. 5 km towards the north</div></div><div><div><div></div></div><div>2. 4 km towards the north</div></div><div><div><div></div></div><div>3. 7 km towards the north</div></div><div><div><div></div></div><div>4. 4 km towards the south</div></div></div>
Q.40	Six students P, Q, R, S, T, and U are sitting around a circular table facing the centre. T sits to the immediate right of Q and immediate left of U. Only one person sits between U and R. P sits to the immediate left of Q. Who sits to the immediate right of S?
Ans	<div><div><div><div></div></div><div>1. R</div></div><div><div><div></div></div><div>2. T</div></div><div><div><div></div></div><div>3. Q</div></div><div><div><div></div></div><div>4. U</div></div></div>
Q.41	<p>Refer to the following number series and answer the question that follows (all numbers are single-digit numbers only and counting to be done from left to right only).</p> <p>(Left) 7 3 5 1 6 2 8 9 2 5 6 6 1 8 3 5 8 4 6 5 7 6 3 (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>
Ans	<div><div><div><div></div></div><div>1. Two</div></div><div><div><div></div></div><div>2. One</div></div><div><div><div></div></div><div>3. None</div></div><div><div><div></div></div><div>4. Three</div></div></div>
Q.42	Seven boxes D, E, F, H, I, J and K are kept one over the other but not necessarily in the same order. Only K is kept above J. Only two boxes are kept between J and F. Only E is kept below D. I is not kept immediately above F. How many boxes are kept between H and E?
Ans	<div><div><div><div></div></div><div>1. Four</div></div><div><div><div></div></div><div>2. One</div></div><div><div><div></div></div><div>3. Two</div></div><div><div><div></div></div><div>4. Three</div></div></div>

Q.43 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',
and A ÷ B means 'A is the father of B'.

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

- Ans
- ☒ 1. Wife's mother's brother
 - ☒ 2. Wife's mother's father
 - ☒ 3. Wife's father's brother
 - ☒ 4. Wife's father's father

Q.44 Six persons P, Q, R, S, T, and U are sitting around a circular table facing towards the centre of the table. T is the immediate neighbour of both U and S. P sits second to the right of R. S sits to the immediate left of R. Who is sitting second to the right of P?

- Ans
- ☒ 1. U
 - ☒ 2. T
 - ☒ 3. R
 - ☒ 4. S

Q.45 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' and
'A + B' means 'A is the mother of B'.

How is D related to H if 'D + E : F < G × H'?

- Ans
- ☒ 1. Mother's daughter
 - ☒ 2. Mother's son
 - ☒ 3. Mother's brother
 - ☒ 4. Mother's mother

Q.46 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
- ☒ 1. SVY
 - ☒ 2. ACE
 - ☒ 3. PSV
 - ☒ 4. DGJ

Q.47 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All grapes are handles.
All grapes are pipes.
Some pipes are jars.

Conclusions:
(I) : Some jars are grapes.
(II) : Some pipes are handles.

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

Q.48	All 41 people are standing in a row facing north. Namita is 13 th from the left end, while Shivangi is 19 th from the right end. How many people are there between Namita and Shivangi?
Ans	<div><div>✓ 1. 9</div><div>✗ 2. 7</div><div>✗ 3. 8</div><div>✗ 4. 10</div></div>
Q.49	What should come in place of the question mark (?) in the given series based on the English alphabetical order? TVN QSK NPH KME ?
Ans	<div><div>✗ 1. HIB</div><div>✗ 2. HIC</div><div>✗ 3. HJC</div><div>✓ 4. HJB</div></div>
Q.50	In a certain code language, 'TRUE' is coded as '6713' and 'URGE' is coded as '3746'. What is the code for 'G' in the given code language?
Ans	<div><div>✗ 1. 7</div><div>✓ 2. 4</div><div>✗ 3. 6</div><div>✗ 4. 3</div></div>
Q.51	If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation? $108 \div 108 \times 36 - 15 + 69 = ?$
Ans	<div><div>✗ 1. 82</div><div>✓ 2. 84</div><div>✗ 3. 81</div><div>✗ 4. 83</div></div>
Q.52	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? ORV 53 XAE 46 GJN 39 PSW 32 ?
Ans	<div><div>✗ 1. ZBF 24</div><div>✗ 2. ZCE 24</div><div>✓ 3. YBF 25</div><div>✗ 4. YCE 25</div></div>
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 conclusions logically follow(s) from the statements. Statements: All almonds are lemons. All rabbits are lemons. All mints are lemons. Conclusions: (I): Some mints are almonds. (II): Some rabbits are mints.
Ans	<div><div>✓ 1. Neither conclusion (I) nor (II) follows.</div><div>✗ 2. Both conclusions (I) and (II) follow.</div><div>✗ 3. Only conclusion (I) follows.</div><div>✗ 4. Only conclusion (II) follows.</div></div>

Q.54 What should come in place of the question mark (?) in the given series?

27 29 35 45 59 ?

- Ans ☐ 1. 80
- ☐ 2. 84
- ☒ 3. 77
- ☐ 4. 90

Q.55 P, Q, R, S, T, U and V sit around a circular table facing the centre. Only one person sits between U and S when counted from the right of U. Only one person sits between S and V. Only one person sits between U and P. Only two people sit between Q and V. Only one person sits between T and P. How many people sit between V and S when counted from the right of S?

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

Q.56 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.
(Left) # \$ 7 3 5 4 @ % & 6 8 Ω 9 1 * £ + 2 (Right)
How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by another number?

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

Q.57 This question is based on the five, three-digit numbers given below.

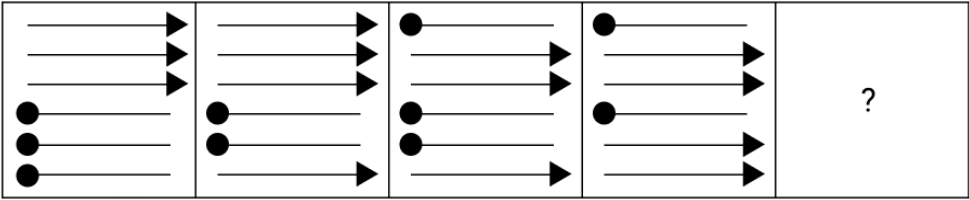
(Left) 421 137 675 862 517 (Right)

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

If all the numbers are arranged in ascending order, the position(s) of how many numbers will remain unchanged?

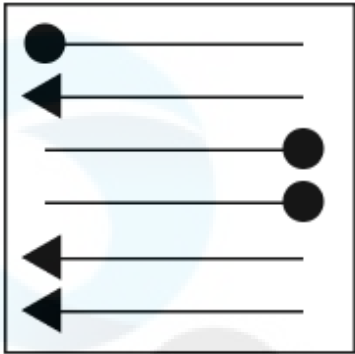
- Ans ☐ 1. 1
- ☐ 2. 2
- ☐ 3. 3
- ☒ 4. 0

Q.58 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

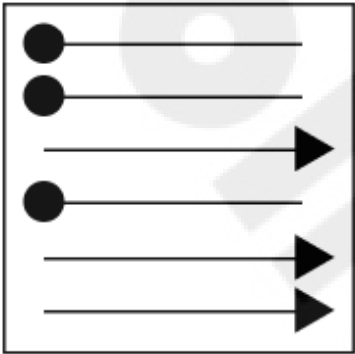


Ans

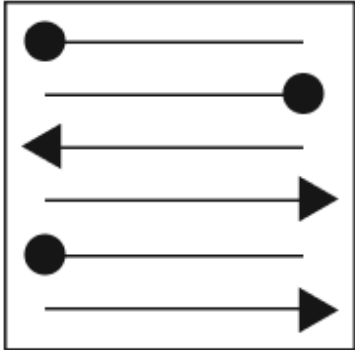
✗ 1.



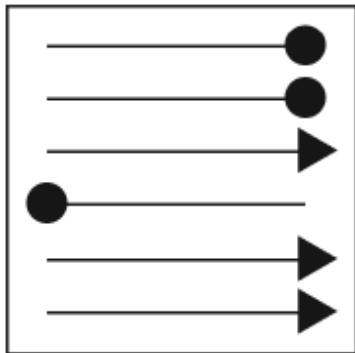
✓ 2.



✗ 3.



✗ 4.



Q.59 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

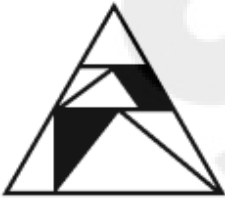


Ans

✗ 1.



✓ 2.



✗ 3.



✗ 4.



Q.60 GBMK is related to RKXT in a certain way based on the English alphabetical order. In the same way, YLEU is related to JUPD. To which of the given options is FMLV related, following the same logic?

- Ans
- ✓ 1. QVWE
 - ✗ 2. QWEV
 - ✗ 3. QVEW
 - ✗ 4. QWVE

Q.61 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

LT-OW-QS
NV-QY-SU

- Ans
- ✗ 1. IR-MU-OR
 - ✗ 2. IR-MV-OR
 - ✓ 3. JR-MU-OQ
 - ✗ 4. JR-MU-OR

Q.62 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LTO NQL PNI RKF ?

- Ans
- ☒ 1. TIC
 - ☒ 2. TIB
 - ☒ 3. THC
 - ☒ 4. THB

Q.63 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some wings are fingers.
All spots are keys.
No fingers are spots.

Conclusions:
(I) Some keys are not fingers.
(II) Some wings are not spots.

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

Q.64 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 positions in the letter-cluster.)

- Ans
- ☒ 1. BN - LW
 - ☒ 2. NS - XE
 - ☒ 3. RD - BM
 - ☒ 4. MY - WH

Q.65 In a certain code language, 'all men are God' is written as 'in it pi ri' and 'God lives everywhere' is coded as 'ti it fi'. How is 'God' coded in the given language?

- Ans
- ☒ 1. it
 - ☒ 2. ti
 - ☒ 3. fi
 - ☒ 4. in

Q.66 Mayank starts from Point A and drives 7 km towards South. He then takes a right turn, drives 4 km, turns right and drives 11 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

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

Q.67	Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. JL - MO - PR EG - HJ - KM
Ans	<div><div><div>✖</div><div>1. EG - HI - LO</div></div><div><div>✔</div><div>2. SU - VX - YA</div></div><div><div>✖</div><div>3. TU - XY - AB</div></div><div><div>✖</div><div>4. DE - FH - LM</div></div></div>
Q.68	What should come in place of the question mark (?) in the given series? 80 83 89 98 110 ?
Ans	<div><div><div>✖</div><div>1. 123</div></div><div><div>✖</div><div>2. 121</div></div><div><div>✔</div><div>3. 125</div></div><div><div>✖</div><div>4. 127</div></div></div>
Q.69	If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation? $63 \times 7 + 9 \div 55 - 12 = ?$
Ans	<div><div><div>✖</div><div>1. 680</div></div><div><div>✔</div><div>2. 660</div></div><div><div>✖</div><div>3. 670</div></div><div><div>✖</div><div>4. 650</div></div></div>
Q.70	What should come in place of the question mark (?) in the given series? 934 930 925 919 912 ?
Ans	<div><div><div>✖</div><div>1. 903</div></div><div><div>✖</div><div>2. 905</div></div><div><div>✔</div><div>3. 904</div></div><div><div>✖</div><div>4. 906</div></div></div>
Section : General Awareness	
Q.71	Which Supreme Court case introduced the ‘basic structure’ doctrine in Indian Constitutional law?
Ans	<div><div><div>✖</div><div>1. The Shankari Prasad case 1951</div></div><div><div>✖</div><div>2. The Golaknath case 1967</div></div><div><div>✖</div><div>3. Minerva Mills case 1980</div></div><div><div>✔</div><div>4. Kesavananda Bharati case 1973</div></div></div>
Q.72	In September 2024, National Health Authority signed MoU with which institute for the development of digital public goods for AI in healthcare?
Ans	<div><div><div>✖</div><div>1. IIT Madras</div></div><div><div>✖</div><div>2. IIT Delhi</div></div><div><div>✔</div><div>3. IIT Kanpur</div></div><div><div>✖</div><div>4. IIT Bombay</div></div></div>

Q.73	In 1968, late Indian composer Pandit Ravi Shankar became the very first Indian to win the Grammy Award for which of the following music albums in the ‘Best Chamber Music Performance’ category?
Ans	<div><div><input checked="" type="checkbox"/></div>1. The Living Room Sessions</div> <div><div><input checked="" type="checkbox"/></div>2. West Meets East</div> <div><div><input checked="" type="checkbox"/></div>3. The Concert for Bangladesh</div> <div><div><input checked="" type="checkbox"/></div>4. Full Circle: Carnegie Hall 2000</div>
Q.74	Who is known as the ‘Father of the Green Revolution’ in India?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Verghese Kurien</div> <div><div><input checked="" type="checkbox"/></div>2. MS Swaminathan</div> <div><div><input checked="" type="checkbox"/></div>3. Norman Borlaug</div> <div><div><input checked="" type="checkbox"/></div>4. Jawaharlal Nehru</div>
Q.75	The Constitution (Scheduled Tribes) Order (Amendment) Bill, 2024, aimed to make changes in the Scheduled Tribes of which state?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Andhra Pradesh</div> <div><div><input checked="" type="checkbox"/></div>2. Telangana</div> <div><div><input checked="" type="checkbox"/></div>3. Himachal Pradesh</div> <div><div><input checked="" type="checkbox"/></div>4. Odisha</div>
Q.76	If velocity and magnetic field vectors are perpendicular to each other, then the path of motion of particles is:
Ans	<div><div><input checked="" type="checkbox"/></div>1. Helical</div> <div><div><input checked="" type="checkbox"/></div>2. Straight</div> <div><div><input checked="" type="checkbox"/></div>3. Circular</div> <div><div><input checked="" type="checkbox"/></div>4. Vortex</div>
Q.77	What was the primary focus of the economic policies adopted by the colonial government in India?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Encouragement of indigenous entrepreneurship</div> <div><div><input checked="" type="checkbox"/></div>2. Security and promotion of the economic interests of Britain</div> <div><div><input checked="" type="checkbox"/></div>3. Estimating national and per capita income accurately</div> <div><div><input checked="" type="checkbox"/></div>4. Development of agriculture and local industries</div>
Q.78	What was HDFC Bank's net interest income (NII) in Q2 FY25?
Ans	<div><div><input checked="" type="checkbox"/></div>1. ₹30,110 crore</div> <div><div><input checked="" type="checkbox"/></div>2. ₹2,700 crore</div> <div><div><input checked="" type="checkbox"/></div>3. ₹3,310 crore</div> <div><div><input checked="" type="checkbox"/></div>4. ₹29,837 crore</div>
Q.79	Where was the G20 Summit or the Group of 20 Leaders' Summit held from 18–19 November 2024?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Rio de Janeiro</div> <div><div><input checked="" type="checkbox"/></div>2. New Delhi</div> <div><div><input checked="" type="checkbox"/></div>3. Melbourne</div> <div><div><input checked="" type="checkbox"/></div>4. Paris</div>

Q.80	The Rigveda comprises a compilation of 1028 hymns that are categorised into how many Mandalas?
Ans	<div><div><input type="checkbox"/></div><div>1. 12</div></div> <div><div><input type="checkbox"/></div><div>2. 15</div></div> <div><div><input type="checkbox"/></div><div>3. 8</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. 10</div></div>

Q.88	Current flows upward through a vertical wire. The direction of the magnetic field at a point south of the wire will be:
Ans	<div><div><input type="checkbox"/></div><div>1. towards west</div></div> <div><div><input type="checkbox"/></div><div>2. towards north</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. towards east</div></div> <div><div><input type="checkbox"/></div><div>4. downward</div></div>
Q.89	Which of the following was NOT a goal of the Extremists concerning the freedom struggle of India?
Ans	<div><div><input type="checkbox"/></div><div>1. Political independence</div></div> <div><div><input type="checkbox"/></div><div>2. Economic self-reliance</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Direct negotiations with the British</div></div> <div><div><input type="checkbox"/></div><div>4. Promotion of Indian culture</div></div>
Q.90	Who was the first ruler who tried to take his message to the people through inscriptions?
Ans	<div><div><input type="checkbox"/></div><div>1. Dasharatha Maurya</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Ashoka</div></div> <div><div><input type="checkbox"/></div><div>3. Samprati</div></div> <div><div><input type="checkbox"/></div><div>4. Chandragupta Maurya</div></div>
Q.91	Released in 2024, 'The Scientist Entrepreneur: Empowering Millions of Women' is the autobiography of which Indian activist?
Ans	<div><div><input type="checkbox"/></div><div>1. Manasi Pradhan</div></div> <div><div><input type="checkbox"/></div><div>2. Sunitha Krishnan</div></div> <div><div><input type="checkbox"/></div><div>3. Swati Maliwal</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Kalpana Sankar</div></div>
Q.92	The Directive Principles of State Policy aim to provide what type of guidelines for the State?
Ans	<div><div><input type="checkbox"/></div><div>1. Political</div></div> <div><div><input type="checkbox"/></div><div>2. Religious</div></div> <div><div><input type="checkbox"/></div><div>3. Legal</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Social and Economic</div></div>
Q.93	Who among the following was the British resistance at Gwalior during the Revolt of 1857?
Ans	<div><div><input type="checkbox"/></div><div>1. Henry Lawrence</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Hugh Rose</div></div> <div><div><input type="checkbox"/></div><div>3. John Nicholson</div></div> <div><div><input type="checkbox"/></div><div>4. William Taylor</div></div>
Q.94	As of March 2024, what were the Gross Non-Performing Assets (GNPA) and Net Non-Performing Assets (NNPA) ratios for Indian banks?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. 2.8% and 0.6%</div></div> <div><div><input type="checkbox"/></div><div>2. 3.1% and 1.2%</div></div> <div><div><input type="checkbox"/></div><div>3. 4.5% and 1.8%</div></div> <div><div><input type="checkbox"/></div><div>4. 5.0% and 2.5%</div></div>

Q.95	Which of the following is highly rich in ascorbic acid?
Ans	<div><div><input checked="" type="checkbox"/> 1. Oranges</div><div><input type="checkbox"/> 2. Vinegar</div><div><input type="checkbox"/> 3. Milk</div><div><input type="checkbox"/> 4. Spinach</div></div>
Q.96	Who among the following was one of the personalities related to Meerut during the 1857 Revolt?
Ans	<div><div><input type="checkbox"/> 1. Nana Saheb</div><div><input checked="" type="checkbox"/> 2. Kadam Singh</div><div><input type="checkbox"/> 3. Man Singh</div><div><input type="checkbox"/> 4. Kunwar Singh</div></div>
Q.97	In the simple shikhara type of architecture, there is a _____ base and curved walls.
Ans	<div><div><input type="checkbox"/> 1. circular</div><div><input checked="" type="checkbox"/> 2. square</div><div><input type="checkbox"/> 3. octagonal</div><div><input type="checkbox"/> 4. rectangular</div></div>
Q.98	Which of the following buildings/architecture was used primarily for residential purpose for Buddhist Priests?
Ans	<div><div><input type="checkbox"/> 1. Chaityas</div><div><input type="checkbox"/> 2. Stupas</div><div><input checked="" type="checkbox"/> 3. Viharas</div><div><input type="checkbox"/> 4. Stambhas</div></div>
Q.99	The northernmost point of India lies in which region?
Ans	<div><div><input type="checkbox"/> 1. Himachal Pradesh</div><div><input type="checkbox"/> 2. Uttarakhand</div><div><input type="checkbox"/> 3. Jammu</div><div><input checked="" type="checkbox"/> 4. Ladakh</div></div>
Q.100	Which of the following Acts had provided the establishment of a public service commission for recruiting civil servants in British India?
Ans	<div><div><input checked="" type="checkbox"/> 1. Government of India Act, 1919</div><div><input type="checkbox"/> 2. Government of India Act, 1929</div><div><input type="checkbox"/> 3. Government of India Act, 1935</div><div><input type="checkbox"/> 4. Government of India Act, 1909</div></div>
Q.101	Who among the following was presented with the Olympic Order on 28 August 2024 by International Olympic Committee (IOC)?
Ans	<div><div><input checked="" type="checkbox"/> 1. The President of France, Emmanuel Macron</div><div><input type="checkbox"/> 2. The President of Austria, Dr. Alexander Van der Bellen</div><div><input type="checkbox"/> 3. The President of Germany, Frank-Walter Steinmeier</div><div><input type="checkbox"/> 4. The President of Spain, Pedro Sánchez</div></div>
Q.102	Which of the following rivers is an antecedent river that originates north of Mount Everest in Tibet, where its main stream, the Arun, rises?
Ans	<div><div><input type="checkbox"/> 1. Gandak</div><div><input checked="" type="checkbox"/> 2. Kosi</div><div><input type="checkbox"/> 3. Gomati</div><div><input type="checkbox"/> 4. Son</div></div>

Q.103	In which period was the Civil Disobedience Movement carried out by the Congress under the leadership of Mahatma Gandhi?
Ans	<div><div><input type="checkbox"/></div><div>1. 1932-36</div></div> <div><div><input type="checkbox"/></div><div>2. 1925-29</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. 1930-34</div></div> <div><div><input type="checkbox"/></div><div>4. 1929-33</div></div>
Q.104	What role does gender equality play in human development?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Ensures equal access to resources improving overall societal progress</div></div> <div><div><input type="checkbox"/></div><div>2. Reduces government expenditure</div></div> <div><div><input type="checkbox"/></div><div>3. Reduces population growth rates</div></div> <div><div><input type="checkbox"/></div><div>4. Leads to higher industrial output</div></div>
Q.105	In which of the following Indian states is the primitive form of cultivation (slash and burn agriculture) called ‘Bewar’ or ‘Dahiya’?
Ans	<div><div><input type="checkbox"/></div><div>1. Uttar Pradesh</div></div> <div><div><input type="checkbox"/></div><div>2. Karnataka</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Madhya Pradesh</div></div> <div><div><input type="checkbox"/></div><div>4. Kerala</div></div>
Q.106	Which of the following options best describes India’s economic strategy between 1947 and 1991?
Ans	<div><div><input type="checkbox"/></div><div>1. Liberalisation and Globalisation</div></div> <div><div><input type="checkbox"/></div><div>2. Export Promotion</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Import Substitution Industrialisation</div></div> <div><div><input type="checkbox"/></div><div>4. Free-market Economy</div></div>
Q.107	The National Extension scheme was initially launched for a period of _____ years.
Ans	<div><div><input type="checkbox"/></div><div>1. five</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. three</div></div> <div><div><input type="checkbox"/></div><div>3. two</div></div> <div><div><input type="checkbox"/></div><div>4. four</div></div>
Q.108	The first scientific experiments on genetics and inheritance were conducted in the mid-nineteenth century. Who performed these hybridisation experiments on garden peas?
Ans	<div><div><input type="checkbox"/></div><div>1. Rosalind Franklin</div></div> <div><div><input type="checkbox"/></div><div>2. James Watson and Francis Crick</div></div> <div><div><input type="checkbox"/></div><div>3. Dmitri Mendeleev</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Gregor Mendel</div></div>
Q.109	Who is the son of Tamil Nadu Chief Minister MK Stalin, appointed as the state’s Deputy Chief Minister in September 2024?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Udhayanidhi Stalin</div></div> <div><div><input type="checkbox"/></div><div>2. Dayanidhi Stalin</div></div> <div><div><input type="checkbox"/></div><div>3. Vijayanidhi Stalin</div></div> <div><div><input type="checkbox"/></div><div>4. Ramanidhi Stalin</div></div>
Q.110	What reduction in import duty on gold was proposed to curb smuggling and stimulate the organised jewellery sector by Budget 2024?
Ans	<div><div><input type="checkbox"/></div><div>1. From 10% to 5%</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. From 15% to 6%</div></div> <div><div><input type="checkbox"/></div><div>3. From 15% to 10%</div></div> <div><div><input type="checkbox"/></div><div>4. From 12% to 6%</div></div>

Q.111	Where was the 6 th India-Singapore Defence Ministerial Dialogue held in October 2024?
Ans	<div><div><input type="checkbox"/></div>1. Chandigarh</div> <div><div><input type="checkbox"/></div>2. Mumbai</div> <div><div><input checked="" type="checkbox"/></div>3. New Delhi</div> <div><div><input type="checkbox"/></div>4. Singapore</div>
Q.112	Chilika Lake, the largest brackish water lagoon in India, is located in which state?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Odisha</div> <div><div><input type="checkbox"/></div>2. Kerala</div> <div><div><input type="checkbox"/></div>3. Andhra Pradesh</div> <div><div><input type="checkbox"/></div>4. Tamil Nadu</div>
Q.113	What form of support is provided to farmers through the PM-KISAN scheme, as per the Economic Survey 2024?
Ans	<div><div><input type="checkbox"/></div>1. Free seeds</div> <div><div><input type="checkbox"/></div>2. Fertiliser subsidies</div> <div><div><input checked="" type="checkbox"/></div>3. Crop insurance</div> <div><div><input type="checkbox"/></div>4. Monthly cash support</div>
Q.114	The 11 th edition of Indian Coast Guard's National Maritime Search and Rescue Exercise & Workshop (SAREX-24) will be conducted in _____.
Ans	<div><div><input type="checkbox"/></div>1. Chennai</div> <div><div><input checked="" type="checkbox"/></div>2. Kochi</div> <div><div><input type="checkbox"/></div>3. Mumbai</div> <div><div><input type="checkbox"/></div>4. Visakhapatnam</div>
Q.115	Which state has the highest sex ratio in India, according to the 2011 census?
Ans	<div><div><input type="checkbox"/></div>1. Tamil Nadu</div> <div><div><input type="checkbox"/></div>2. Rajasthan</div> <div><div><input type="checkbox"/></div>3. Haryana</div> <div><div><input checked="" type="checkbox"/></div>4. Kerala</div>
Q.116	Which of the following Amendment Acts had the provision of establishing a common High Court for two or more states?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 7th Amendment Act</div> <div><div><input type="checkbox"/></div>2. 2nd Amendment Act</div> <div><div><input type="checkbox"/></div>3. 5th Amendment Act</div> <div><div><input type="checkbox"/></div>4. 3rd Amendment Act</div>
Q.117	What is a key difference between economic growth and economic development?
Ans	<div><div><input type="checkbox"/></div>1. Economic development focuses on quantity, while growth focuses on quality.</div> <div><div><input type="checkbox"/></div>2. Economic development measures exports only.</div> <div><div><input type="checkbox"/></div>3. Economic growth is broader and includes development.</div> <div><div><input checked="" type="checkbox"/></div>4. Economic growth refers to output increase, while development includes social progress.</div>
Q.118	What is the government's goal for Fintech companies, as stated by M Nagaraju, Secretary - Department of Financial Services (DFS), at the CII Financial Inclusion and Fintech Summit, on 26 November 2024?
Ans	<div><div><input type="checkbox"/></div>1. To prioritise fintech innovation over regulations</div> <div><div><input type="checkbox"/></div>2. To restrict fintech company growth</div> <div><div><input checked="" type="checkbox"/></div>3. To balance fintech innovation with regulatory compliance</div> <div><div><input type="checkbox"/></div>4. To increase regulatory burdens on fintech</div>

Q.119 Which of the following Constitutional Amendment Acts provides free legal aid as a Directive Principle of State Policy?

- Ans**
- ☐ 1. 44th Constitutional Amendment Act
 - ☒ 2. 42nd Constitutional Amendment Act
 - ☐ 3. 46th Constitutional Amendment Act
 - ☐ 4. 86th Constitutional Amendment Act

Q.120 The Harappan Civilisation had trade links with which of the following regions?

- Ans**
- ☒ 1. Mesopotamia
 - ☐ 2. Greece
 - ☐ 3. Rome
 - ☐ 4. Mongolia