



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 Tirunelveli
Exam Time	9:00 AM - 10:30 AM

* 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 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 132. Find the average of the remaining two numbers?

- Ans ☒ 1. 185.5
☒ 2. 184.5
☐ 3. 210
☐ 4. 209

Q.2 There are 2664 students in a school and the ratio of boys to girls in the school is 41 : 31, then find the number of boys in school.

- Ans ☐ 1. 1499
☐ 2. 1509
☐ 3. 1515
☒ 4. 1517

Q.3 The value of $\left(\frac{64}{64}\right)^{-\left(\frac{3}{2}\right)} \times \left(\frac{2}{8}\right)^4 \div \sqrt[4]{(16)^{-3}}$ is:

- Ans ☒ 1. $\frac{1}{32}$
☐ 2. $\frac{1}{42}$
☐ 3. $\frac{1}{22}$
☐ 4. $\frac{1}{23}$

Q.4 A number when increased by 40 %, gives 3290. The number is:

- Ans ☐ 1. 4700
☐ 2. 7050
☐ 3. 1175
☒ 4. 2350

Q.5	In what ratio should sugar costing ₹27 per kg be mixed with sugar costing ₹55 per kg so that by selling the mixture at ₹57.6 per kg, there is a profit of 44%?
Ans	<div>✓ 1. 15 : 13</div> <div>✗ 2. 14 : 16</div> <div>✗ 3. 15 : 11</div> <div>✗ 4. 15 : 17</div>
Q.6	A pipe can fill a tank in 7 hours. Another pipe can empty the filled tank in 21 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. 28</div> <div>✗ 2. 21</div> <div>✓ 3. 7</div> <div>✗ 4. 14</div>
Q.7	The volume (in cm^3) of a wire of diameter 28 cm and length 14 m is: $\text{take } \pi = \frac{22}{7}$
Ans	<div>✗ 1. 861400</div> <div>✓ 2. 862400</div> <div>✗ 3. 862500</div> <div>✗ 4. 861900</div>
Q.8	If the cost price is 72% of the selling price, what is the profit percentage (approximately)?
Ans	<div>✗ 1. 14.4%</div> <div>✓ 2. 38.8%</div> <div>✗ 3. 61.2%</div> <div>✗ 4. 28%</div>
Q.9	A company earns a profit (in ₹) that is distributed among the company's three partners in the ratio of 12 : 13 : 15. If the difference between the smallest and the largest shares is ₹36684, the total profit (in ₹) of the company is:
Ans	<div>✗ 1. 489096</div> <div>✗ 2. 489144</div> <div>✓ 3. 489120</div> <div>✗ 4. 489085</div>
Q.10	After 57 litres of petrol was poured into an empty storage tank, it was still 1% empty. How much petrol (in litres, rounded off to two decimal place) must be poured into the storage tank in order to fill it?
Ans	<div>✗ 1. 56.58</div> <div>✗ 2. 58.58</div> <div>✓ 3. 57.58</div> <div>✗ 4. 58</div>
Q.11	Evaluate: $41 - [36 - \{48 \div 2 - (6 - 6 \div 3) \div 2\}]$
Ans	<div>✗ 1. 28</div> <div>✓ 2. 27</div> <div>✗ 3. 29</div> <div>✗ 4. 26</div>

Q.12	A bus travelling at 84 km/h completes a journey in 7 hours. At what speed will it have to cover the same distance in 14 hours?
Ans	<div>✓ 1. 42 km/h</div> <div>✗ 2. 44 km/h</div> <div>✗ 3. 40 km/h</div> <div>✗ 4. 45 km/h</div>
Q.13	A 375 m long train crosses a man walking at a speed of 10.2 km/h in the opposite direction in 15 seconds. What is the speed (in km/h) of the train?
Ans	<div>✗ 1. 77.3</div> <div>✗ 2. 77.6</div> <div>✗ 3. 76.2</div> <div>✓ 4. 79.8</div>
Q.14	If a pipe can fill a tank in 5 hours and another pipe can empty the tank in 8 hours, then what part of the tank will be filled by both pipes in 1 hour, if both pipes are open simultaneously?
Ans	<div>✗ 1. $\frac{1}{40}$ part</div> <div>✗ 2. $\frac{1}{10}$ part</div> <div>✓ 3. $\frac{3}{40}$ part</div> <div>✗ 4. $\frac{3}{20}$ part</div>
Q.15	Evaluate: $2 \times \{17 - 3 \times (8 - 6)\}$
Ans	<div>✗ 1. 21</div> <div>✗ 2. 19</div> <div>✓ 3. 22</div> <div>✗ 4. 26</div>
Q.16	The sum of 8 numbers is 924. Find their average.
Ans	<div>✗ 1. 114.5</div> <div>✗ 2. 116.5</div> <div>✗ 3. 113.5</div> <div>✓ 4. 115.5</div>
Q.17	What is the HCF of 24 and 36?
Ans	<div>✗ 1. 6</div> <div>✗ 2. 18</div> <div>✓ 3. 12</div> <div>✗ 4. 8</div>
Q.18	A wholesaler sells a tin of soybean oil for ₹5,720 and makes a loss of 12%. Now, if he decides to sell the second tin of soybean oil for ₹7,475, find his profit percentage in the sale of the second tin.
Ans	<div>✗ 1. 20%</div> <div>✗ 2. 10%</div> <div>✓ 3. 15%</div> <div>✗ 4. 25%</div>

Q.19	The speed of the current is 4 km/hr. A motorboat goes 6 km upstream and back again to the starting point in 48 minutes. The speed (in km/hr) of the motor of the sailor is:
Ans	<div><div><div>✖</div><div>1. 17</div></div><div><div>✔</div><div>2. 16</div></div><div><div>✖</div><div>3. 18</div></div><div><div>✖</div><div>4. 8</div></div></div>
Q.20	Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Ajay borrowed an amount of ₹500000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Ajay after 2 years.
Ans	<div><div><div>✖</div><div>1. 26500</div></div><div><div>✖</div><div>2. 26000</div></div><div><div>✔</div><div>3. 25000</div></div><div><div>✖</div><div>4. 24500</div></div></div>
Q.21	Three pipes, A, B and C, together can fill a tank in 8 hours. After working together for 2 hours, C is closed, and A and B can fill the remaining part in 9 hours. Find the time taken by C to fill the empty tank alone.
Ans	<div><div><div>✖</div><div>1. 20 hours</div></div><div><div>✔</div><div>2. 24 hours</div></div><div><div>✖</div><div>3. 16 hours</div></div><div><div>✖</div><div>4. 12 hours</div></div></div>
Q.22	If an item is sold at marked price, the percentage of profit is 50%. A discount of x% is offered on the marked price and the profit earned is x%. The value of x is _____.
Ans	<div><div><div>✖</div><div>1. 25</div></div><div><div>✖</div><div>2. 22.5</div></div><div><div>✖</div><div>3. 27.5</div></div><div><div>✔</div><div>4. 20</div></div></div>
Q.23	Evaluate the value of x if $(5420 + 3312 + x) \div 600 = 25.93$.
Ans	<div><div><div>✖</div><div>1. 6359</div></div><div><div>✔</div><div>2. 6826</div></div><div><div>✖</div><div>3. 6287</div></div><div><div>✖</div><div>4. 1558</div></div></div>
Q.24	Find the volume of a cube whose diagonal is $18\sqrt{3}$ cm long.
Ans	<div><div><div>✖</div><div>1. 8,235 cm³</div></div><div><div>✖</div><div>2. 3,258 cm³</div></div><div><div>✔</div><div>3. 5,832 cm³</div></div><div><div>✖</div><div>4. 2,538 cm³</div></div></div>
Q.25	At what rate of compound interest per annum will a sum of ₹3,600 become ₹4,277.16 in 2 years?
Ans	<div><div><div>✔</div><div>1. 9%</div></div><div><div>✖</div><div>2. 8%</div></div><div><div>✖</div><div>3. 9.5%</div></div><div><div>✖</div><div>4. 8.5%</div></div></div>

Q.26	PQRS is a rectangle. The ratio of the sides PQ and QR is 3 : 4. If the length of the diagonal PR is 10 cm, then what is the perimeter (in cm) of the rectangle?
Ans	<div><div><div>✖</div><div>1. 24</div></div><div><div>✔</div><div>2. 28</div></div><div><div>✖</div><div>3. 36</div></div><div><div>✖</div><div>4. 30</div></div></div>
Q.27	A student's marks in an exam increased from 72 to 90. What is the percentage increase in the student's marks?
Ans	<div><div><div>✖</div><div>1. 20%</div></div><div><div>✖</div><div>2. 10%</div></div><div><div>✔</div><div>3. 25%</div></div><div><div>✖</div><div>4. 15%</div></div></div>
Q.28	In an exam, the average marks obtained by John in English, Maths, Hindi and Drawing were 50.5. His average marks in Maths, Science, Social Studies and Craft were 70. If the average marks in all seven subjects was 58, his score in Maths was:
Ans	<div><div><div>✖</div><div>1. 50</div></div><div><div>✖</div><div>2. 60</div></div><div><div>✔</div><div>3. 76</div></div><div><div>✖</div><div>4. 52</div></div></div>
Q.29	A car travels 194 km in the first hour and 286 km in the second hour. What is the average speed (in km/h) of the car for the whole journey?
Ans	<div><div><div>✖</div><div>1. 246</div></div><div><div>✖</div><div>2. 249</div></div><div><div>✔</div><div>3. 240</div></div><div><div>✖</div><div>4. 234</div></div></div>
Q.30	A tradesman marks his goods 30% above the cost price and allows his customers a 20% reduction on their bills. What percentage profit does he make?
Ans	<div><div><div>✖</div><div>1. 8%</div></div><div><div>✔</div><div>2. 4%</div></div><div><div>✖</div><div>3. 6%</div></div><div><div>✖</div><div>4. 2%</div></div></div>
Q.31	Which of the following numbers is exactly divisible by all prime numbers between 1 and 17?
Ans	<div><div><div>✖</div><div>1. 550540</div></div><div><div>✖</div><div>2. 818313</div></div><div><div>✖</div><div>3. 459545</div></div><div><div>✔</div><div>4. 150150</div></div></div>
Q.32	The average of first 130 even numbers is
Ans	<div><div><div>✖</div><div>1. 130.5</div></div><div><div>✖</div><div>2. 132</div></div><div><div>✖</div><div>3. 131.5</div></div><div><div>✔</div><div>4. 131</div></div></div>

Q.33 Find out the value of 'y' in the following equation.
 $72 \div 4 + y \times 6 - 22 = 14$

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

Q.34 There is a 40% increase in an amount in 4 years at simple interest. What will be the compound interest on ₹15,000 after 3 years at the same rate (compounded annually)?

- Ans
- ☒ 1. ₹4,965
 - ☒ 2. ₹1,331
 - ☒ 3. ₹5,000
 - ☒ 4. ₹19,965

Q.35 The greatest 5-digit number which is completely divisible by 11, 22, 33, 44 and 55 is:

- Ans
- ☒ 1. 99880
 - ☒ 2. 99680
 - ☒ 3. 99660
 - ☒ 4. 99860

Section : General Intelligence and Reasoning

Q.36 Each of B, E, Y, O, N, D and S has an interview on a different day of a week, starting from Monday and ending on Sunday of the same week. Only three people have an interview before D. E has an interview on one of the days after O and on one of the days before S. Y has an interview on one of the days after N and on one of the days before B. N has an interview on one of the days after D. How many people have an interview between Y and E?

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

Q.37 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 K related to Y if 'K @ L % P # O - Y'?

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

Q.38 Darpan starts from Point P and drives 8 km towards west. Then she takes a right turn, drives 10 km. She turns right again and drives 12 km. She then takes a right turn and drives 16 km. She then takes a final right turn and drives 4 km and stops at Point Q. How far (shortest distance) and towards which direction should she drive in order to reach Point P again? (All the turns are 90-degree turns only unless specified.)

- Ans
- ☒ 1. 6 km towards east
 - ☒ 2. 6 km towards north
 - ☒ 3. 4 km towards west
 - ☒ 4. 6 km towards west

Q.39 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 buns are grinders.
All grinders are lamps.

Conclusions:
(I) : Some lamps are grinders.
(II) : All buns are lamps.

- 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.40 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
AFC18 DIF27 GLI36 JOL45 ?

- Ans** ☐ 1. MKO55
☐ 2. MPL50
☒ 3. MRO54
☐ 4. MNO64

Q.41 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

MT-PW-RU
PW-SZ-UX

- Ans** ☒ 1. EL-HO-JM
☐ 2. FL-HO-JN
☐ 3. FL-HP-JN
☐ 4. EL-HO-JN

Q.42 Guru starts from Point A and drives 32 km towards the east. He then takes a right turn, drives 34 km, turns right and drives 35 km. He then takes a right turn and drives 36 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

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

Q.43 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).

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

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?

- Ans** ☒ 1. Three
☐ 2. None
☐ 3. Two
☐ 4. One

Q.44	In a certain code language, 'all the way' is coded as 'io er sw' and 'we all are' is coded as 'tg io nb'. How is 'all' coded in the given language?
Ans	<div> <div><input type="radio"/></div> <div>1. tg</div> </div> <div> <div><input type="radio"/></div> <div>2. nb</div> </div> <div> <div><input type="radio"/></div> <div>3. sw</div> </div> <div> <div><input checked="" type="radio"/></div> <div>4. io</div> </div>
Q.45	In a certain code language, 'she is beautiful' is coded as 'ne oq bs' and 'where is he' is coded as 'os tr oq'. How is 'is' coded in the given language?
Ans	<div> <div><input type="radio"/></div> <div>1. tr</div> </div> <div> <div><input checked="" type="radio"/></div> <div>2. oq</div> </div> <div> <div><input type="radio"/></div> <div>3. ne</div> </div> <div> <div><input type="radio"/></div> <div>4. os</div> </div>
Q.46	<p>Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.</p> <p>(Left) \$ < 2 7 > / 7 5 6 / < @ * 6 @ 8 3 9 \$ ^ 6 (Right)</p> <p>How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?</p>
Ans	<div> <div><input type="radio"/></div> <div>1. Two</div> </div> <div> <div><input type="radio"/></div> <div>2. None</div> </div> <div> <div><input type="radio"/></div> <div>3. Three</div> </div> <div> <div><input checked="" type="radio"/></div> <div>4. One</div> </div>
Q.47	<p>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).</p> <p>Statements: All cottages are buildings. All cottages are skyscrapers.</p> <p>Conclusions: (I) Some buildings are skyscrapers. (II) All skyscrapers are cottages.</p>
Ans	<div> <div><input type="radio"/></div> <div>1. Only conclusion (II) follows.</div> </div> <div> <div><input type="radio"/></div> <div>2. Both conclusions (I) and (II) follow.</div> </div> <div> <div><input checked="" type="radio"/></div> <div>3. Only conclusion (I) follows.</div> </div> <div> <div><input type="radio"/></div> <div>4. Neither conclusion (I) nor (II) follows.</div> </div>
Q.48	Each of the digits in the number 91624538 is arranged in descending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?
Ans	<div> <div><input type="radio"/></div> <div>1. Two</div> </div> <div> <div><input type="radio"/></div> <div>2. None</div> </div> <div> <div><input checked="" type="radio"/></div> <div>3. Three</div> </div> <div> <div><input type="radio"/></div> <div>4. One</div> </div>
Q.49	Seven boxes A, B, C, D, U, V and W are kept one over the other but not necessarily in the same order. V is kept immediately above U. A is kept immediately above B. Only W is kept above C. Only two boxes are kept above V. A is not kept at third position from the bottom. How many boxes are kept between D and W?
Ans	<div> <div><input type="radio"/></div> <div>1. One</div> </div> <div> <div><input type="radio"/></div> <div>2. Four</div> </div> <div> <div><input checked="" type="radio"/></div> <div>3. Three</div> </div> <div> <div><input type="radio"/></div> <div>4. Two</div> </div>

Q.50	<p>Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.</p> <p>DM - JO - PQ KQ - QS - WU</p> <p>Ans</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1. VU - TR - QO <input type="checkbox"/> 2. IH - GF – NM <input type="checkbox"/> 3. DC - BA - YX <input checked="" type="checkbox"/> 4. EC - KE - QG
Q.51	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</p> <p>MBF69, YPR101, KDD133, WRP165, ?</p> <p>Ans</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1. ICB197 <input type="checkbox"/> 2. IFB198 <input type="checkbox"/> 3. LFB197 <input checked="" type="checkbox"/> 4. IFB197
Q.52	<p>What should come in place of the question mark (?) in the given series?</p> <p>31 63 127 255 ? 1023</p> <p>Ans</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1. 611 <input type="checkbox"/> 2. 411 <input checked="" type="checkbox"/> 3. 511 <input type="checkbox"/> 4. 711
Q.53	<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) 2 3 4 7 6 8 1 5 9 2 6 5 7 4 3 8 1 5 9 7 3 4 2 1 5 4 7 (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> <ul style="list-style-type: none"> <input type="checkbox"/> 1. Three <input type="checkbox"/> 2. Two <input type="checkbox"/> 3. One <input checked="" type="checkbox"/> 4. More than three
Q.54	<p>If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '–', what will come in place of the question mark (?) in the following equation?</p> <p>9 B 2 A 3 C 8 D 3 = ?</p> <p>Ans</p> <ul style="list-style-type: none"> <input type="checkbox"/> 1. 5 <input checked="" type="checkbox"/> 2. 11 <input type="checkbox"/> 3. 9 <input type="checkbox"/> 4. 8
Q.55	<p>In a certain code language, A + B means 'A is the wife of B', A @ B means 'A is the son of B', A - B means 'A is the father of B', A * B means 'A is the brother of B'.</p> <p>Based on the above, how is P related to H if 'P @ I + T * C - H'?</p> <p>Ans</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 1. Father's brother's son <input type="checkbox"/> 2. Father's son's sister <input type="checkbox"/> 3. Father's brother's sister <input type="checkbox"/> 4. Father's brother's mother

Q.56 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. DS - CR
 - ☐ 2. GK - FJ
 - ☒ 3. LR - JP
 - ☐ 4. WH - VG

Q.57 What should come in place of the question mark (?) in the given series?

6 6 9 18 45 ?

- Ans**
- ☐ 1. 140
 - ☐ 2. 150
 - ☒ 3. 135
 - ☐ 4. 145

Q.58 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☐ 1. ZZ – XD
 - ☐ 2. VH – TL
 - ☐ 3. DR – BV
 - ☒ 4. AC – DF

Q.59 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

DB_A H_GE _JKI PN_M T_SQ

- Ans**
- ☐ 1. CELOR
 - ☐ 2. CFMOR
 - ☐ 3. CFLOS
 - ☒ 4. CFLOR

Q.60 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 goats are tickets.
No clocks are tickets.
All tickets are pigeons.

Conclusions:
(I) Some goats are pigeons.
(II) Some goats are not clocks.

- 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.61 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(6, 20, 26)
(4, 14, 20)

- Ans ☒ 1. (5, 17,23)
☐ 2. (8, 22, 28)
☐ 3. (9, 29, 23)
☐ 4. (12, 34, 40)

Q.62 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



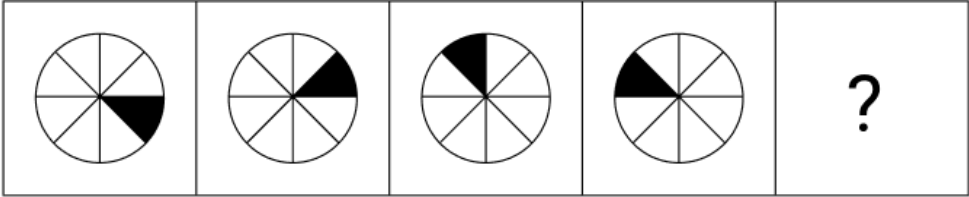
- Ans ☒ 1.
- ☐ 2.
- ☐ 3.
- ☐ 4.

Q.63 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
KIO : IFJ
JDI : HAD

- Ans ☐ 1. CRG : ANB
☐ 2. FPT : DMP
☐ 3. DQW : BNS
☒ 4. FUP : DRK

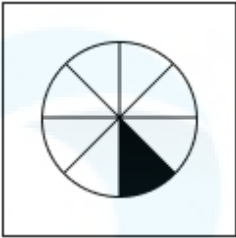
Q.64	Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only five people sit between B and F. E sits to the immediate left of F. Only one person sits between E and D. C sits at some place to the left of G but at some place to the right of A. How many people sit between B and E?
Ans	<div><div><div>✖</div><div>1. 1</div></div><div><div>✖</div><div>2. 3</div></div><div><div>✖</div><div>3. 2</div></div><div><div>✔</div><div>4. 4</div></div></div>
Q.65	If 1 is added to the digits which are at odd places, and the digits at even places remain unchanged in the number 2435, then what will be the sum of the first and last digits of the new number thus formed?
Ans	<div><div><div>✖</div><div>1. 9</div></div><div><div>✖</div><div>2. 11</div></div><div><div>✖</div><div>3. 10</div></div><div><div>✔</div><div>4. 8</div></div></div>
Q.66	Seven friends C, D, E, P, Q, R and S are sitting in a straight line facing north. No one sits to the right of D. Only two people sits between Q and E. E sits immediately to the left of D. R sits third to the left of C. P sits to the immediate left of E. How many people sit between S and E?
Ans	<div><div><div>✖</div><div>1. None</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></div>
Q.67	A, B, C, D, E, F and G are sitting around a circular table, facing the centre. F sits to the immediate right of B. E sits third to the right of F. C sits second to the left of E. A is the immediate neighbour of D and E. How many people sit between B and G when counted from the left of B?
Ans	<div><div><div>✔</div><div>1. Three</div></div><div><div>✖</div><div>2. One</div></div><div><div>✖</div><div>3. Zero</div></div><div><div>✖</div><div>4. Four</div></div></div>
Q.68	In a certain code language, 'POST' is coded as '3671', 'SOLE' is coded as '2168' and 'TALK' is coded as '5789'. What is the code for 'E' in the given code language?
Ans	<div><div><div>✖</div><div>1. 1</div></div><div><div>✖</div><div>2. 6</div></div><div><div>✔</div><div>3. 2</div></div><div><div>✖</div><div>4. 8</div></div></div>
Q.69	What should come in place of the question mark (?) in the given series? 16 27 49 82 ? 181
Ans	<div><div><div>✖</div><div>1. 127</div></div><div><div>✖</div><div>2. 124</div></div><div><div>✖</div><div>3. 125</div></div><div><div>✔</div><div>4. 126</div></div></div>

Q.70 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



Ans

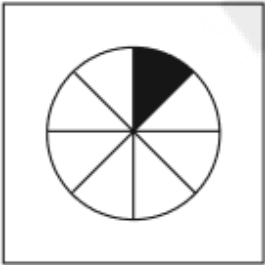
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Section : General Awareness

Q.71 Which of the following statements is true about the Directive Principles of State Policy (DPSP) mentioned in the Indian Constitution?

- Ans
- ✗ 1. DPSP's are legally bounded.
 - ✓ 2. DPSP's are non-justiciable.
 - ✗ 3. DPSP's are non-amendable.
 - ✗ 4. DPSP's are justiciable.

Q.72 For a system, moment of inertia (I) angular velocity (ω) graph looks like:

- Ans
- ✓ 1. rectangular hyperbola
 - ✗ 2. sigmoidal
 - ✗ 3. straight-line passing through origin
 - ✗ 4. exponential

Q.73	The Central Drugs Standard Control Organisation, in August 2024, has granted approval to Siemens Healthineers for the manufacture of RT-PCR testing kits for detection of _____.
Ans	<div><div><input type="checkbox"/></div>1. Small Pox</div> <div><div><input type="checkbox"/></div>2. Dengue</div> <div><div><input type="checkbox"/></div>3. Swine Flu</div> <div><div><input checked="" type="checkbox"/></div>4. Monkey Pox</div>
Q.74	Name the artificial intelligence-enabled chatbot launched by SEBI on 29 th July 2024?
Ans	<div><div><input type="checkbox"/></div>1. SARATHI</div> <div><div><input checked="" type="checkbox"/></div>2. SEVA</div> <div><div><input type="checkbox"/></div>3. SHAKTI</div> <div><div><input type="checkbox"/></div>4. SAFAR</div>
Q.75	Who was appointed the new chairman of the Bombay Stock Exchange Brokers' Forum (BBF) in September 2024?
Ans	<div><div><input type="checkbox"/></div>1. Kishor Kansagra</div> <div><div><input checked="" type="checkbox"/></div>2. Anup Gupta</div> <div><div><input type="checkbox"/></div>3. Harsh Mehta</div> <div><div><input type="checkbox"/></div>4. Gautam Adani</div>
Q.76	When milk gets converted into curd, the bacteria improves its nutritional quality by increasing _____.
Ans	<div><div><input type="checkbox"/></div>1. vitamin A</div> <div><div><input type="checkbox"/></div>2. vitamin C</div> <div><div><input checked="" type="checkbox"/></div>3. vitamin B12</div> <div><div><input type="checkbox"/></div>4. vitamin D</div>
Q.77	Ravi Shankar was a legendary _____ player.
Ans	<div><div><input type="checkbox"/></div>1. flute</div> <div><div><input type="checkbox"/></div>2. guitar</div> <div><div><input type="checkbox"/></div>3. tabla</div> <div><div><input checked="" type="checkbox"/></div>4. sitar</div>
Q.78	The Indian Councils Act of 1909 is also known as _____.
Ans	<div><div><input type="checkbox"/></div>1. Montagu-Chelmsford Reforms</div> <div><div><input type="checkbox"/></div>2. Ilbert Bill</div> <div><div><input checked="" type="checkbox"/></div>3. Morley-Minto Reforms</div> <div><div><input type="checkbox"/></div>4. Pitt's India Act</div>
Q.79	What is the maximum number of ministers, including the Chief Minister, allowed in a state council of ministers as per Article 164?
Ans	<div><div><input type="checkbox"/></div>1. 10% of the total strength of the legislative assembly</div> <div><div><input type="checkbox"/></div>2. 20% of the total strength of the legislative assembly</div> <div><div><input checked="" type="checkbox"/></div>3. 15% of the total strength of the legislative assembly</div> <div><div><input type="checkbox"/></div>4. 12% of the total strength of the legislative assembly</div>
Q.80	Which film was selected as the opening film for the Indian Panorama section at IFFI 2024?
Ans	<div><div><input type="checkbox"/></div>1. Karkhanu</div> <div><div><input checked="" type="checkbox"/></div>2. Swatantrya Veer Savarkar</div> <div><div><input type="checkbox"/></div>3. Kalki 2898 AD</div> <div><div><input type="checkbox"/></div>4. 12th Fail</div>

Q.81	Where was the 14 th meeting of the India-Australia Joint Working Group on counter-terrorism held on 12 August 2024?
Ans	<div><div><input type="checkbox"/></div>1. Kolkata</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. Bengaluru</div>
Q.82	Acetic acid is found in which of the following kitchen ingredients?
Ans	<div><div><input type="checkbox"/></div>1. Milk</div> <div><div><input checked="" type="checkbox"/></div>2. Vinegar</div> <div><div><input type="checkbox"/></div>3. Sugar</div> <div><div><input type="checkbox"/></div>4. Baking soda</div>
Q.83	When did ISRO launch a microsatellite equipped with advanced payloads designed for environmental monitoring, disaster management and remote sensing applications?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 16 August 2024</div> <div><div><input type="checkbox"/></div>2. 8 September 2024</div> <div><div><input type="checkbox"/></div>3. 8 August 2024</div> <div><div><input type="checkbox"/></div>4. 16 September 2024</div>
Q.84	Under which Section of the Consumer Protection Act, 2019, was the Central Consumer Protection Authority (CCPA) established?
Ans	<div><div><input type="checkbox"/></div>1. Section 21</div> <div><div><input type="checkbox"/></div>2. Section 15</div> <div><div><input type="checkbox"/></div>3. Section 12</div> <div><div><input checked="" type="checkbox"/></div>4. Section 10</div>
Q.85	Who among the following was NOT associated with the 'moderate' phase of Indian National Congress?
Ans	<div><div><input type="checkbox"/></div>1. Dadabhai Naoroji</div> <div><div><input type="checkbox"/></div>2. Surendranath Banerjee</div> <div><div><input checked="" type="checkbox"/></div>3. Bipin Chandra Pal</div> <div><div><input type="checkbox"/></div>4. Gopal Krishna Gokhale</div>
Q.86	SBI expects to plough back how much in profits by the end of FY24?
Ans	<div><div><input type="checkbox"/></div>1. ₹14,205 crore</div> <div><div><input type="checkbox"/></div>2. ₹9,164 crore</div> <div><div><input checked="" type="checkbox"/></div>3. ₹40,000 crore</div> <div><div><input type="checkbox"/></div>4. ₹47,620 crore</div>
Q.87	Which sector in India faces the highest level of seasonal unemployment?
Ans	<div><div><input type="checkbox"/></div>1. IT sector</div> <div><div><input type="checkbox"/></div>2. Education sector</div> <div><div><input checked="" type="checkbox"/></div>3. Agricultural sector</div> <div><div><input type="checkbox"/></div>4. Healthcare sector</div>
Q.88	Goblet cells play a crucial role in maintaining the health of various organs. Where are goblet cells primarily located in the human body?
Ans	<div><div><input type="checkbox"/></div>1. Brain</div> <div><div><input type="checkbox"/></div>2. Kidneys</div> <div><div><input checked="" type="checkbox"/></div>3. Digestive tract</div> <div><div><input type="checkbox"/></div>4. Liver</div>

Q.89	Padas in Carnatic classical music are scholarly compositions in ____ and Tamil.
Ans	<div><div><input checked="" type="checkbox"/> 1. Telugu</div><div><input type="checkbox"/> 2. Sanskrit</div><div><input type="checkbox"/> 3. Kannada</div><div><input type="checkbox"/> 4. Hindi</div></div>
Q.90	With which of the following rivers is the Omkareshwar Project associated?
Ans	<div><div><input type="checkbox"/> 1. Tapi</div><div><input type="checkbox"/> 2. Bhima</div><div><input type="checkbox"/> 3. Chambal</div><div><input checked="" type="checkbox"/> 4. Narmada</div></div>
Q.91	MS Gopalakrishnan is known for playing which of the following musical instruments in India?
Ans	<div><div><input type="checkbox"/> 1. Guitar</div><div><input type="checkbox"/> 2. Sarangi</div><div><input checked="" type="checkbox"/> 3. Violin</div><div><input type="checkbox"/> 4. Sarod</div></div>
Q.92	In which year did India experience a severe balance of payments crisis, prompting economic reforms?
Ans	<div><div><input type="checkbox"/> 1. 1990</div><div><input type="checkbox"/> 2. 1985</div><div><input checked="" type="checkbox"/> 3. 1991</div><div><input type="checkbox"/> 4. 1981</div></div>
Q.93	The first volume of Akbarnama dealt with the history of _____.
Ans	<div><div><input type="checkbox"/> 1. the events of Akbar's reign</div><div><input checked="" type="checkbox"/> 2. Akbar's ancestors</div><div><input type="checkbox"/> 3. Akbar's army and revenues</div><div><input type="checkbox"/> 4. Akbar's administration</div></div>
Q.94	HSBC India's global education payment service, launched in 2024, allows Indian students to pay fees to over how many international universities and colleges?
Ans	<div><div><input type="checkbox"/> 1. 400</div><div><input type="checkbox"/> 2. 300</div><div><input checked="" type="checkbox"/> 3. 600</div><div><input type="checkbox"/> 4. 500</div></div>
Q.95	In which year did Ram Prasad Bismil and his comrades, including Ashfaqullah Khan, carry out the Kakori Train Action?
Ans	<div><div><input type="checkbox"/> 1. 1920</div><div><input type="checkbox"/> 2. 1922</div><div><input checked="" type="checkbox"/> 3. 1925</div><div><input type="checkbox"/> 4. 1918</div></div>

Q.96 Which of the following statements is/are correct?

Statement 1: The Peninsular India has a well-defined cold weather season.
Statement 2: There is hardly any seasonal change in the distribution pattern of the temperature in coastal areas of India.

- Ans
- ☐ 1. Both statement 1 and statement 2 are correct.
 - ☐ 2. Statement 1 is correct, while statement 2 is incorrect.
 - ☒ 3. Statement 2 is correct, while statement 1 is incorrect.
 - ☐ 4. Neither statement 1 nor statement 2 is correct.

Q.97 Which airport is known as Netaji Subhas Chandra Bose International Airport?

- Ans
- ☐ 1. Hyderabad
 - ☐ 2. Bhubaneshwar
 - ☐ 3. Patna
 - ☒ 4. Kolkata

Q.98 Which of the following statements is/are correct regarding the Pradhan Mantri Grammen Sadak Yojana (PMGSY)?

1. PMGSY is a 100% centrally sponsored scheme.
2. This schemes connect the unconnected habitats of rural areas with a population 500 persons and above in plain areas.
3. This scheme is not applicable to hilly areas and North East states.

- Ans
- ☐ 1. 2 and 3 only
 - ☐ 2. 1, 2 and 3
 - ☒ 3. 1 and 2 only
 - ☐ 4. 1 and 3 only

Q.99 Nanda Devi Biosphere Reserve is located in which state?

- Ans
- ☐ 1. Odisha
 - ☒ 2. Uttarakhand
 - ☐ 3. Karnataka
 - ☐ 4. Himachal Pradesh

Q.100 In July 2024, the Government of India upgraded the Indian Railway Catering and Tourism Corporation to which category of Central Public Sector Enterprises?

- Ans
- ☐ 1. Schedule D
 - ☒ 2. Schedule A
 - ☐ 3. Schedule B
 - ☐ 4. Schedule C

Q.101 What is outsourcing?

- Ans
- ☐ 1. Exporting goods
 - ☒ 2. Contracting out services to other countries
 - ☐ 3. Importing goods
 - ☐ 4. Lending of money

Q.102 Which of the following options correctly represents the chemical name (IUPAC) of baking soda?

- Ans
- ☐ 1. Sodium Chloride
 - ☒ 2. Sodium Hydrogencarbonate
 - ☐ 3. Potassium Bicarbonate
 - ☐ 4. Calcium Carbonate

Q.103	Which of the following Articles of Part IV of the Indian Constitution has a provision for the separation of Judiciary from the Executive?
Ans	<div><div><input checked="" type="checkbox"/> 1. Article 50</div><div><input type="checkbox"/> 2. Article 51</div><div><input type="checkbox"/> 3. Article 49</div><div><input type="checkbox"/> 4. Article 48</div></div>
Q.104	Who was the first ruler of the Gupta dynasty to adopt the grand title of Maharajadhiraja?
Ans	<div><div><input checked="" type="checkbox"/> 1. Chandragupta I</div><div><input type="checkbox"/> 2. Kumaragupta</div><div><input type="checkbox"/> 3. Vishnugupta</div><div><input type="checkbox"/> 4. Skandagupta</div></div>
Q.105	What is the approximate total length of the Golden Quadrilateral (GQ) highway network?
Ans	<div><div><input checked="" type="checkbox"/> 1. 5846 km</div><div><input type="checkbox"/> 2. 1700 km</div><div><input type="checkbox"/> 3. 7300 km</div><div><input type="checkbox"/> 4. 1235 km</div></div>
Q.106	For what purpose did the Assam government launched the 'Nijut Moina' scheme in August 2024?
Ans	<div><div><input checked="" type="checkbox"/> 1. To eradicate child marriages by empowering female students and promoting education over early marriage</div><div><input type="checkbox"/> 2. To eliminate financial difficulties for poor families</div><div><input type="checkbox"/> 3. To support indigenous weavers and promote their traditional hand-woven items</div><div><input type="checkbox"/> 4. To provide healthcare facilities to all the citizens who cannot afford proper treatment</div></div>
Q.107	The trio of extremist leaders, Lal-Bal-Pal, became prominent after:
Ans	<div><div><input type="checkbox"/> 1. World War II</div><div><input type="checkbox"/> 2. Dandi March</div><div><input type="checkbox"/> 3. Non-Cooperation Movement</div><div><input checked="" type="checkbox"/> 4. Partition of Bengal</div></div>
Q.108	Articles 52 to 78 of the Indian Constitution deal with:
Ans	<div><div><input type="checkbox"/> 1. the Judiciary</div><div><input checked="" type="checkbox"/> 2. the Union Executive</div><div><input type="checkbox"/> 3. the State Executive</div><div><input type="checkbox"/> 4. the Legislature</div></div>
Q.109	Dr. BR Ambedkar was appointed as the _____ of independent India in 1947.
Ans	<div><div><input type="checkbox"/> 1. Defense Minister</div><div><input checked="" type="checkbox"/> 2. Law Minister</div><div><input type="checkbox"/> 3. Finance Minister</div><div><input type="checkbox"/> 4. Education Minister</div></div>
Q.110	In September 2024, President Droupadi Murmu approved the establishment of which of the following commissions for the 2024-2027 term?
Ans	<div><div><input type="checkbox"/> 1. National Scheduled Tribe Commission</div><div><input checked="" type="checkbox"/> 2. Law Commission</div><div><input type="checkbox"/> 3. National Scheduled Castes Commission</div><div><input type="checkbox"/> 4. Finance Commission</div></div>

Q.111	Which of the following Acts was based on the Mountbatten plan?
Ans	<div><div><input checked="" type="checkbox"/> 1. Indian Independence Act, 1947</div><div><input type="checkbox"/> 2. Simon Commission, 1927</div><div><input type="checkbox"/> 3. Government of India Act, 1935</div><div><input type="checkbox"/> 4. Composition of Constituent Assembly</div></div>
Q.112	The Great Indian Desert is also known as:
Ans	<div><div><input checked="" type="checkbox"/> 1. Thar Desert</div><div><input type="checkbox"/> 2. Deccan Plateau</div><div><input type="checkbox"/> 3. Kutch Desert</div><div><input type="checkbox"/> 4. Malwa Plateau</div></div>
Q.113	Who won the Men's Goalkeeper of the Year award at the FIH Hockey Star Awards ceremony on November 8, 2024?
Ans	<div><div><input checked="" type="checkbox"/> 1. PR Sreejesh</div><div><input type="checkbox"/> 2. Krishan Pathak</div><div><input type="checkbox"/> 3. Jarmanpreet Singh</div><div><input type="checkbox"/> 4. Suraj Karkera</div></div>
Q.114	What was ICICI Bank's net NPA ratio at the end of Q3 2024?
Ans	<div><div><input type="checkbox"/> 1. 0.55%</div><div><input checked="" type="checkbox"/> 2. 0.44%</div><div><input type="checkbox"/> 3. 0.50%</div><div><input type="checkbox"/> 4. 0.43%</div></div>
Q.115	The Great Indian Plains are primarily known for:
Ans	<div><div><input checked="" type="checkbox"/> 1. alluvial soils and high agricultural productivity</div><div><input type="checkbox"/> 2. desert vegetation</div><div><input type="checkbox"/> 3. alluvial soils and low agricultural productivity</div><div><input type="checkbox"/> 4. mineral resources and sand dunes</div></div>
Q.116	Who is known as the inventor of the Mohan Veena in India?
Ans	<div><div><input type="checkbox"/> 1. Budhaditya Mukherjee</div><div><input checked="" type="checkbox"/> 2. Pt. Vishwa Mohan Bhatt</div><div><input type="checkbox"/> 3. Hara Shankar Bhattacharya</div><div><input type="checkbox"/> 4. M Rajam</div></div>
Q.117	Under the Sagar Mala project, the overall set of projects were divided into how many number of pillars?
Ans	<div><div><input type="checkbox"/> 1. 7</div><div><input type="checkbox"/> 2. 11</div><div><input checked="" type="checkbox"/> 3. 5</div><div><input type="checkbox"/> 4. 9</div></div>
Q.118	The U.S.- Nigeria _____ Transport Agreement, which has been provisionally applied since 2000, entered into force on May 13, 2024.
Ans	<div><div><input checked="" type="checkbox"/> 1. Air</div><div><input type="checkbox"/> 2. Water</div><div><input type="checkbox"/> 3. Rail</div><div><input type="checkbox"/> 4. Road</div></div>

Q.119 Which of the following is an example of economic development in action?

- Ans
- ☐ 1. A factory producing more goods
 - ☒ 2. Improved access to employment opportunities
 - ☐ 3. A rise in consumer prices
 - ☐ 4. A country lowering its interest rates

Q.120 Who was the first President of the Indian National Congress?

- Ans
- ☐ 1. Gopal Krishna Gokhale
 - ☒ 2. Womesh Chandra Bonnerjee
 - ☐ 3. Firoz Shah Mehta
 - ☐ 4. Dadabhai Naoroji