



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



Exam Date	12/03/2025
Centre Name	Sarthak Educational Trust
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	The sum of 8 numbers is 948. Find their average.
Ans	<div><div><input checked="" type="checkbox"/></div>1. 116.5</div> <div><div><input checked="" type="checkbox"/></div>2. 118.5</div> <div><div><input checked="" type="checkbox"/></div>3. 117.5</div> <div><div><input checked="" type="checkbox"/></div>4. 119.5</div>
Q.2	The average of first 124 even numbers is
Ans	<div><div><input checked="" type="checkbox"/></div>1. 126</div> <div><div><input checked="" type="checkbox"/></div>2. 125</div> <div><div><input checked="" type="checkbox"/></div>3. 124.5</div> <div><div><input checked="" type="checkbox"/></div>4. 125.5</div>
Q.3	What will be the compound interest (in ₹) on a sum of ₹30,000 after two years at a rate of 16% per annum compounded annually?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 10,386</div> <div><div><input checked="" type="checkbox"/></div>2. 10,638</div> <div><div><input checked="" type="checkbox"/></div>3. 10,368</div> <div><div><input checked="" type="checkbox"/></div>4. 10,683</div>
Q.4	The monthly incomes of two friends Kiran and Mahesh, are in the ratio 5 : 7 respectively and each of them saves ₹78000 every month. If the ratio of their monthly expenditure is 1 : 3, find the monthly income of Kiran(in ₹).
Ans	<div><div><input checked="" type="checkbox"/></div>1. 98500</div> <div><div><input checked="" type="checkbox"/></div>2. 97500</div> <div><div><input checked="" type="checkbox"/></div>3. 96500</div> <div><div><input checked="" type="checkbox"/></div>4. 136500</div>

Q.5 Simplify the given expression.

$$\left(\frac{21 \times 3}{7}\right) \div \frac{30}{4}$$

- Ans
- ☒ 1. $\frac{28}{5}$
 - ☒ 2. $\frac{6}{5}$
 - ☒ 3. $\frac{5}{28}$
 - ☒ 4. $\frac{5}{14}$

Q.6 A bus travelling at 100 km/h completes a journey in 17 hours. At what speed will it have to cover the same distance in 5 hours?

- Ans
- ☒ 1. 344 km/h
 - ☒ 2. 332 km/h
 - ☒ 3. 347 km/h
 - ☒ 4. 340 km/h

Q.7 The marked price of a juicer is ₹7,500. The store offers a 15% discount. What is the price (in ₹) after the discount?

- Ans
- ☒ 1. 6,335
 - ☒ 2. 6,357
 - ☒ 3. 6,735
 - ☒ 4. 6,375

Q.8 Find the value of $2.54 \times 0.4 - 0.58 \times 5.64 + 2.85 \times 3.14 - 0.84 + 4.8 \times 3.8 - 7.0938$.

- Ans
- ☒ 1. 21.58
 - ☒ 2. 19
 - ☒ 3. 17
 - ☒ 4. 23.67

Q.9 The perimeter of one face of a cube is 36 cm. What is its volume?

- Ans
- ☒ 1. 314 cm^3
 - ☒ 2. 243 cm^3
 - ☒ 3. 942 cm^3
 - ☒ 4. 729 cm^3

Q.10 8281 hollow spheres of external and internal diameters 1.2 cm and 1 cm, respectively, are melted and recast into a solid sphere. What is the change (in cm^2 rounded off to the nearest whole number) in the external surface area of the original spheres and that of the solid sphere? Take $\pi = \frac{22}{7}$

- Ans
- ☒ 1. 36436
 - ☒ 2. 32654
 - ☒ 3. 34663
 - ☒ 4. 35456

Q.11 The value of

$8^3 - 1^2 + \left(\frac{42}{2}\right)^2 - 7 + 4 \times 9 = \underline{\hspace{2cm}}$

- Ans
- ☐ 1. 983
 - ☐ 2. 984
 - ☒ 3. 981
 - ☐ 4. 982

Q.12 Which of the following ratio is smallest?

- Ans
- ☐ 1. 17 : 40
 - ☐ 2. 26 : 53
 - ☒ 3. 15 : 60
 - ☐ 4. 11 : 34

Q.13 Shifa can do a certain piece of work in 18 days. Shifa and Afiya can together do the same work in 14 days, and Shifa, Afiya and Mariyam can do the same work together in 9 days. In how many days can Shifa and Mariyam do the same work?

- Ans
- ☐ 1. $\frac{11}{3}$
 - ☒ 2. $\frac{21}{2}$
 - ☐ 3. $\frac{23}{2}$
 - ☐ 4. $\frac{14}{4}$

Q.14 A can do a piece of work in 12 days. B can do it in 20 days. With the assistance of C, they completed the work in 3 days. C alone can do it in _____ days.

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

Q.15 A sum, when invested at 10% simple interest per annum, amounts to ₹2880 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 1 year?

- Ans
- ☐ 1. 960
 - ☒ 2. 240
 - ☐ 3. 480
 - ☐ 4. 120

Q.16 The price of edible oil is increased by 30%. To maintain the budget, Reena reduces the consumption of this oil by 18%. Find the increased percentage in expenditure due to this edible oil.

- Ans
- ☐ 1. 6.9%
 - ☒ 2. 6.6%
 - ☐ 3. 6.3%
 - ☐ 4. 6.1%

Q.17	A dealer purchased a washing machine for ₹15,700. He allows a discount of 16% on its marked price and still makes a profit of 20%. Find the marked price (nearest in ₹) of the washing machine.
Ans	<div>✗ 1. ₹22,249</div> <div>✗ 2. ₹22,942</div> <div>✗ 3. ₹22,492</div> <div>✓ 4. ₹22,429</div>
Q.18	Shaurya has to reach Indore which is 652 km away in 18 hours. His starting speed for 3 hours was 73 km/hr. For the next 134 km his speed was 67km/hr. By what speed he must travel now so as to reach Indore in decided time of 18hours?
Ans	<div>✓ 1. 23 km/hr</div> <div>✗ 2. 26 km/hr</div> <div>✗ 3. 18 km/hr</div> <div>✗ 4. 20 km/hr</div>
Q.19	The present cost of a apartment is ₹152629. After a year, its cost increased to ₹186783. The percentage increase (rounded off to the nearest integer) in the cost of the apartment is:
Ans	<div>✓ 1. 22</div> <div>✗ 2. 26</div> <div>✗ 3. 19</div> <div>✗ 4. 18</div>
Q.20	A car travels 272 km in the first hour and 294 km in the second hour. What is the average speed (in km/h) of the car for the whole journey?
Ans	<div>✗ 1. 293</div> <div>✗ 2. 289</div> <div>✓ 3. 283</div> <div>✗ 4. 277</div>
Q.21	In what ratio should sugar costing ₹41 per kg be mixed with sugar costing ₹69 per kg so that by selling the mixture at ₹73.5 per kg, there is a profit of 50%?
Ans	<div>✓ 1. 20 : 8</div> <div>✗ 2. 9 : 22</div> <div>✗ 3. 6 : 21</div> <div>✗ 4. 10 : 22</div>
Q.22	Find the value of $91^{-2} \div 91^7 \times 91^{-17}$
Ans	<div>✓ 1. 91^{-26}</div> <div>✗ 2. 91^{-27}</div> <div>✗ 3. 91^{-30}</div> <div>✗ 4. 91^{-25}</div>
Q.23	In what ratio should sugar costing ₹17 per kg be mixed with sugar costing ₹72 per kg so that by selling the mixture at ₹41.3 per kg, there is a profit of 18%?
Ans	<div>✗ 1. 20 : 38</div> <div>✗ 2. 16 : 39</div> <div>✓ 3. 37 : 18</div> <div>✗ 4. 16 : 38</div>

Q.24 Two trains of equal length are running on parallel lines in the same direction at speeds of 101 km/h and 29 km/h. The faster train passes the slower train in 21 seconds. The length of each train is:

- Ans**
- ☒ 1. 210 meters
 - ☐ 2. 209 meters
 - ☐ 3. 208 meters
 - ☐ 4. 202 meters

Q.25 Suhail purchased 400 purses and sold them at 25% profit. If $37\frac{1}{2}\%$ of them were sold at ₹75 each and rest for ₹52,520, then the cost price of each purse is:

- Ans**
- ☐ 1. ₹120
 - ☐ 2. ₹125.70
 - ☒ 3. ₹127.54
 - ☐ 4. ₹130

Q.26 If the HCF of two numbers is 23 and their sum is 161, the possible numbers CANNOT be:

- Ans**
- ☐ 1. (46, 115)
 - ☐ 2. (23, 138)
 - ☐ 3. (69, 92)
 - ☒ 4. (61, 100)

Q.27 A bank offers 10% per annum compound interest calculated on half-yearly basis. A customer deposits ₹3,60,000 each on 1st January and 1st July of a year. At the end of the year, find the amount he would have gained by way of interest.

- Ans**
- ☐ 1. ₹3,24,900
 - ☐ 2. ₹3,75,600
 - ☒ 3. ₹54,900
 - ☐ 4. ₹4,33,800

Q.28 The ages of Himani and Pushpraj are in the ratio of 9 : 7 respectively. After 6 years the ratio of their ages will be 5 : 4. What is the difference in their present ages?

- Ans**
- ☐ 1. 13
 - ☐ 2. 31
 - ☒ 3. 12
 - ☐ 4. 22

Q.29 Arif is thrice as good as Salman and is therefore able to finish a piece of work in 15 days less than Salman. In how many days can they complete the whole work, working together?

- Ans**
- ☐ 1. $\frac{25}{4}$ days
 - ☒ 2. $\frac{45}{8}$ days
 - ☐ 3. $\frac{35}{6}$ days
 - ☐ 4. $\frac{55}{12}$ days

Q.30	On selling an item for ₹180, a shopkeeper earns 20% profit. To earn only a 5% profit, the selling price of the item should have been ₹_____.
Ans	<div>✗ 1. 152.50</div> <div>✗ 2. 160</div> <div>✗ 3. 155</div> <div>✓ 4. 157.50</div>
Q.31	Find the greatest number which when divided by 1124 and 1868, leaves remainders 17 and 23, respectively.
Ans	<div>✗ 1. 82</div> <div>✗ 2. 41</div> <div>✗ 3. 143</div> <div>✓ 4. 369</div>
Q.32	The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 111. Find the average of the remaining two numbers?
Ans	<div>✓ 1. 194</div> <div>✗ 2. 189</div> <div>✗ 3. 190</div> <div>✗ 4. 195</div>
Q.33	The number divisible by 35 is:
Ans	<div>✓ 1. 38885</div> <div>✗ 2. 16630</div> <div>✗ 3. 34972</div> <div>✗ 4. 29300</div>
Q.34	The length of the base of a triangle is 1 cm more than the corresponding height. If the area of the triangle is 45 cm ² , find the length of the base of the triangle.
Ans	<div>✗ 1. 14 cm</div> <div>✗ 2. 12 cm</div> <div>✗ 3. 8 cm</div> <div>✓ 4. 10 cm</div>
Q.35	Evaluate: $41 - [21 - \{11 - (15 - 8 \div 3 \times 3)\}]$
Ans	<div>✓ 1. 24</div> <div>✗ 2. 26</div> <div>✗ 3. 19</div> <div>✗ 4. 21</div>

Section : General Intelligence and Reasoning

Q.36	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
	PTE : SWH ICS : LFV
Ans	<div>✗ 1. UGD : RDB</div> <div>✗ 2. THR : WEU</div> <div>✓ 3. LOW : ORZ</div> <div>✗ 4. DRN : GUK</div>

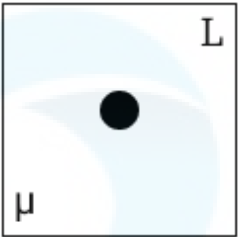
Q.37	<p>Select the term from among the given options that can replace the question mark (?) in the following series. BAD 1, FEH 3, JIL 9, NMP 27, ?</p> <p>Ans <input checked="" type="checkbox"/> 1. RQT 81 <input type="checkbox"/> 2. QRT 243 <input type="checkbox"/> 3. RQT 243 <input type="checkbox"/> 4. QRT 81</p>
Q.38	<p>Seven students, Q, R, S, T, W, X and Y, are sitting in a straight line facing north. Only three people sit to the right of R. Only one person sits to the left of T. X sits immediately to the right of W. Only four people sit between X and T. S sits at some place to the left of Q but some place to the right of Y. How many people sit between Y and X?</p> <p>Ans <input type="checkbox"/> 1. Two <input type="checkbox"/> 2. Three <input type="checkbox"/> 3. Four <input checked="" type="checkbox"/> 4. Five</p>
Q.39	<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 conclusions logically follow(s) from the statements. Statements: All plants are trees. Some trees are herbs. Conclusions: (I): All herbs are plants. (II): No herb is a tree.</p> <p>Ans <input type="checkbox"/> 1. Both conclusions (I) and (II) follow. <input checked="" type="checkbox"/> 2. Neither conclusion (I) nor (II) follows. <input type="checkbox"/> 3. Only conclusion (II) follows. <input type="checkbox"/> 4. Only conclusion (I) follows.</p>
Q.40	<p>What should come in place of the question mark (?) in the given series? 175 160 140 115 85 ?</p> <p>Ans <input type="checkbox"/> 1. 40 <input type="checkbox"/> 2. 45 <input checked="" type="checkbox"/> 3. 50 <input type="checkbox"/> 4. 55</p>
Q.41	<p>Arihant starts from Point A and drives 10 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 13 km. He then takes a right turn and drives 10 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.)</p> <p>Ans <input type="checkbox"/> 1. 3 km to the east <input type="checkbox"/> 2. 4 km to the west <input checked="" type="checkbox"/> 3. 3 km to the west <input type="checkbox"/> 4. 4 km to the east</p>
Q.42	<p>Each digit in the number 8152346 is arranged in the descending order from left to right. How many digits have changed their position as compared to that in the original number?</p> <p>Ans <input checked="" type="checkbox"/> 1. Four <input type="checkbox"/> 2. One <input type="checkbox"/> 3. Two <input type="checkbox"/> 4. Three</p>

Q.43 Identify the figure given in the options which when put in place of '?' will logically complete the series.

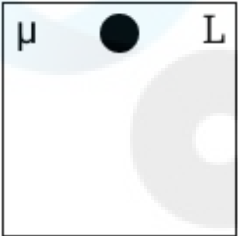
μ ● L	 ● μ L	 ● μ L	 μ ● L	?
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Ans

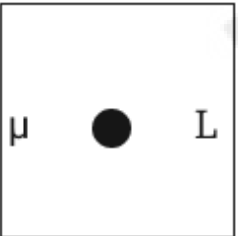
✗ 1.



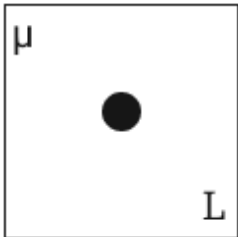
✗ 2.



✗ 3.



✓ 4.



Q.44 What should come in place of the question mark (?) in the given series?
114 117 122 129 138 ?

- Ans
- ✗ 1. 249
 - ✓ 2. 149
 - ✗ 3. 148
 - ✗ 4. 248

Q.45 VS21 is related to CZ11 in a certain way. In the same way, LI39 is related to SP29. To which of the given options is BY25 related, following the same logic?

- Ans
- ✗ 1. IG15
 - ✗ 2. JF20
 - ✗ 3. IF17
 - ✓ 4. IF15

Q.46	<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) 1 4 9 9 5 8 1 9 1 3 9 7 3 5 7 1 6 8 4 1 3 3 8 (Right)</p> <p>How many such even 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>1. Three</div></div><div><div>✖</div><div>2. None</div></div><div><div>✖</div><div>3. Two</div></div><div><div>✔</div><div>4. One</div></div></div>
Q.47	<p>Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only two people sit to the right of D. Only two people sit between D and E. Only two people sit between A and B. B sits to the immediate left of D. F sits to the immediate right of C. How many people sit to the right of C?</p>
Ans	<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.48	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</p> <p>IFP 30, LHN 26, OJL 22, RLJ 18, ?</p>
Ans	<div><div><div>✖</div><div>1. UHN 20</div></div><div><div>✖</div><div>2. SMH 14</div></div><div><div>✔</div><div>3. UNH 14</div></div><div><div>✖</div><div>4. TNN 14</div></div></div>
Q.49	<p>What should come in place of the question mark (?) in the given series?</p> <p>27 ? 63 99 147 207</p>
Ans	<div><div><div>✖</div><div>1. 51</div></div><div><div>✔</div><div>2. 39</div></div><div><div>✖</div><div>3. 46</div></div><div><div>✖</div><div>4. 42</div></div></div>
Q.50	<p>A, F, J, K, P and Q live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between F and Q. Only two people live between K and P. No one lives above K. Q lives below P but above A. How many people live below J?</p>
Ans	<div><div><div>✖</div><div>1. Zero</div></div><div><div>✖</div><div>2. One</div></div><div><div>✔</div><div>3. Three</div></div><div><div>✖</div><div>4. Two</div></div></div>
Q.51	<p>In a certain code language,</p> <p>'A : B' means 'A is the wife of B',</p> <p>'A × B' means 'A is the brother of B',</p> <p>'A < B' means 'A is the father of B' and</p> <p>'A + B' means 'A is the mother of B'.</p> <p>How is A related to Z if 'A + B < C × Y : Z'?</p>
Ans	<div><div><div>✖</div><div>1. Wife's father's brother</div></div><div><div>✔</div><div>2. Wife's father's mother</div></div><div><div>✖</div><div>3. Wife's brother's mother</div></div><div><div>✖</div><div>4. Wife's mother's brother</div></div></div>

Q.52	<p>If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation? $31 - 5 \div 21 + 114 \times 6 = ?$</p>
Ans	<div><div><div>✖</div><div>1. 161</div></div><div><div>✖</div><div>2. 152</div></div><div><div>✔</div><div>3. 157</div></div><div><div>✖</div><div>4. 144</div></div></div>
Q.53	<p>Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?</p>
Ans	<div><div><div>✔</div><div>1. SK – MO</div></div><div><div>✖</div><div>2. QI – KN</div></div><div><div>✖</div><div>3. OG – IL</div></div><div><div>✖</div><div>4. ME – GJ</div></div></div>
Q.54	<p>If we replace the letters 'D', 'A', 'B', and 'C' with the corresponding mathematical symbols '+', '-', 'x', and '÷', respectively, what is the value of the following expression? 21 D 3 A 20 C 5</p>
Ans	<div><div><div>✖</div><div>1. 24</div></div><div><div>✖</div><div>2. 26</div></div><div><div>✖</div><div>3. 18</div></div><div><div>✔</div><div>4. 20</div></div></div>
Q.55	<p>Seven boxes A, B, C, D, U, V and W are kept one over the other but not necessarily in the same order. Only D is kept above W. Only C is kept between W and V. Only A is kept below U. How many boxes are kept between B and A?</p>
Ans	<div><div><div>✖</div><div>1. Three</div></div><div><div>✔</div><div>2. One</div></div><div><div>✖</div><div>3. Four</div></div><div><div>✖</div><div>4. Two</div></div></div>
Q.56	<p>In a certain code language, 'ROPE' is coded as '2637' and 'PEAR' is coded as '7238'. What is the code for 'A' in the given code language?</p>
Ans	<div><div><div>✔</div><div>1. 8</div></div><div><div>✖</div><div>2. 2</div></div><div><div>✖</div><div>3. 3</div></div><div><div>✖</div><div>4. 7</div></div></div>
Q.57	<p>OEUB is related to NFSE in a certain way based on the English alphabetical order. In the same way, KIMN is related to JJKQ. To which of the following is HLGW related, following the same logic?</p>
Ans	<div><div><div>✔</div><div>1. GMEZ</div></div><div><div>✖</div><div>2. POSK</div></div><div><div>✖</div><div>3. CMZE</div></div><div><div>✖</div><div>4. MESJ</div></div></div>

<div><div>Q.58</div><div>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.</div><div>Statements: All chairs are beds. Some chairs are pillows. All pillows are blankets.</div><div>Conclusions: (I) Some blankets are chairs. (II) Some pillows are beds.</div><div>Ans<div><div>✖</div><div>1. Only conclusion (II) follows.</div></div><div><div>✖</div><div>2. Neither conclusion (I) nor (II) follows.</div></div><div><div>✔</div><div>3. Both conclusions (I) and (II) follow.</div></div><div><div>✖</div><div>4. Only conclusion (I) follows.</div></div></div></div>
<div><div>Q.59</div><div>P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only three people sit between Q and V when counted from the left of Q. Only three people sit between S and P when counted from the right of P. U sits to the immediate right of S. T is an immediate neighbour of P as well as V. How many people sit between R and T when counted from the right of T?</div><div>Ans<div><div>✖</div><div>1. 3</div></div><div><div>✖</div><div>2. 2</div></div><div><div>✖</div><div>3. 4</div></div><div><div>✔</div><div>4. 1</div></div></div></div>
<div><div>Q.60</div><div>In a certain code language, 'nothing can stop' is coded as 'io ij hy' and 'we all can' is coded as 'jh jn ij'. How is 'can' coded in the given language?</div><div>Ans<div><div>✖</div><div>1. io</div></div><div><div>✔</div><div>2. ij</div></div><div><div>✖</div><div>3. hy</div></div><div><div>✖</div><div>4. jn</div></div></div></div>
<div><div>Q.61</div><div>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.</div><div>Statements: Some ants are bees. No goats are bees. All ants are crows.</div><div>Conclusions: (I) Some crows are bees. (II) Some ants are not goats.</div><div>Ans<div><div>✔</div><div>1. Both conclusions (I) and (II) follow.</div></div><div><div>✖</div><div>2. Neither conclusion (I) nor (II) follows.</div></div><div><div>✖</div><div>3. Only conclusion (I) follows.</div></div><div><div>✖</div><div>4. Only conclusion (II) follows.</div></div></div></div>

Q.62 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 E related to R if 'D – E – P × Q ÷ R'?

- Ans
- ✗ 1. Father
 - ✗ 2. Wife's brother
 - ✓ 3. Mother's brother
 - ✗ 4. Brother

Q.63 In a certain code language, '2059' is coded as 'WSLP' and '0562' is coded as 'SLIP'.What is the code for '6' in the given code language?

- Ans
- ✗ 1. S
 - ✗ 2. L
 - ✓ 3. I
 - ✗ 4. P

Q.64 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. GD-BH
 - ✗ 2. NK-IP
 - ✗ 3. RO-MT
 - ✗ 4. JG-EL

Q.65 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GBV LGA QLF VQK ?

- Ans
- ✓ 1. AVP
 - ✗ 2. APO
 - ✗ 3. AVI
 - ✗ 4. APV

Q.66 A person walked 3 km and then turned right and walked 1 km. After that, he again turned to the left and walked for 5 km. In the end, he found that he was moving towards the East. In which direction did he start his journey?

- Ans
- ✗ 1. South
 - ✗ 2. North
 - ✗ 3. West
 - ✓ 4. East

Q.67 This question is based on the five, three-digit numbers given below.

(Left) 435 748 326 254 672 (Right)

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

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

- Ans
- ✓ 1. 13
 - ✗ 2. 9
 - ✗ 3. 11
 - ✗ 4. 8

Q.68 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.
(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 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.)

10, 33
15, 48

- Ans ☒ 1. 12, 39
☐ 2. 17, 53
☐ 3. 9, 31
☐ 4. 12, 38

Q.69 This question is based on the five, three-digit numbers given below.

(Left) 453 148 236 754 672 (Right)

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

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

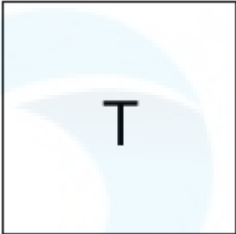
- Ans ☐ 1. 8
☒ 2. 11
☐ 3. 9
☐ 4. 10

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

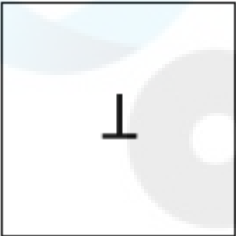
T	┐	⊥	┌	?
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Ans

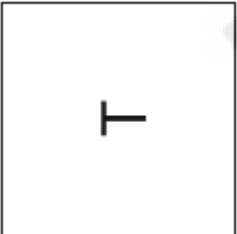
✓ 1.



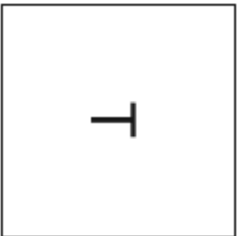
✗ 2.



✗ 3.



✗ 4.



Section : General Awareness

Q.71 What defines the Intertropical Convergence Zone (ITCZ) during the monsoon season in India?

- Ans
- ✗ 1. A cold front over the Himalayas
 - ✗ 2. A high-pressure zone over the Indian Ocean
 - ✗ 3. A high-pressure zone at the Equator
 - ✓ 4. A low-pressure zone over the Gangetic plains

Q.72 What was the approximate total production of rice during the year 2023-24 in India?

- Ans
- ✗ 1. 5120.25 LMT
 - ✗ 2. 8953.25 LMT
 - ✓ 3. 1378.25 LMT
 - ✗ 4. 527.25 LMT

Q.73 Considering a stone is rotated with uniform speed in a horizontal plane by means of a string, select the correct option.

- Ans
- ✗ 1. The velocity of the stone is fixed.
 - ✓ 2. The magnitude of momentum is fixed.
 - ✗ 3. The direction of momentum changes but not the velocity.
 - ✗ 4. The direction of momentum is fixed.

Q.74	Why is investment in education considered to be a part of social infrastructure?
Ans	<div><div><input type="checkbox"/></div><div>1. It enhances industrial output.</div></div> <div><div><input type="checkbox"/></div><div>2. It promotes trade.</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. It improves the skills and productivity of the workforce.</div></div> <div><div><input type="checkbox"/></div><div>4. It reduces government revenue.</div></div>
Q.75	In August 2024, the Banking Laws (Amendment) Bill was introduced in the Lok Sabha. This Bill proposes changes to which of the following Acts?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Reserve Bank of India Act, 1934</div></div> <div><div><input type="checkbox"/></div><div>2. Foreign Exchange Management Act, 1999</div></div> <div><div><input type="checkbox"/></div><div>3. Government Securities Regulations, 2007</div></div> <div><div><input type="checkbox"/></div><div>4. Public Debt Act, 1944 / Government Securities Act, 2006</div></div>
Q.76	Which factor does the Economic Survey 2024 identify as crucial for sustaining economic recovery in India?
Ans	<div><div><input type="checkbox"/></div><div>1. Expanded public sector hiring</div></div> <div><div><input type="checkbox"/></div><div>2. Increased foreign trade</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Enhanced domestic efforts</div></div> <div><div><input type="checkbox"/></div><div>4. Reduced global trade tensions</div></div>
Q.77	Tabla is what type of musical instrument?
Ans	<div><div><input type="checkbox"/></div><div>1. Wind</div></div> <div><div><input type="checkbox"/></div><div>2. Stringed</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Percussion</div></div> <div><div><input type="checkbox"/></div><div>4. Bowed</div></div>
Q.78	What was the primary economic focus of India's development since the 1991 reforms, as highlighted by Dr. Manmohan Singh?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Achieving significant growth in services and manufacturing sectors</div></div> <div><div><input type="checkbox"/></div><div>2. Maintaining an agrarian economy with limited industrial growth</div></div> <div><div><input type="checkbox"/></div><div>3. Reducing dependency on the information technology sector</div></div> <div><div><input type="checkbox"/></div><div>4. Eliminating foreign trade to boost domestic production</div></div>
Q.79	As part of the 2030 Agenda for Sustainable Development, in 2015, all United Nations member countries adopted 17 goals and _____ targets.
Ans	<div><div><input type="checkbox"/></div><div>1. 170</div></div> <div><div><input type="checkbox"/></div><div>2. 210</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. 169</div></div> <div><div><input type="checkbox"/></div><div>4. 218</div></div>
Q.80	When was Awadh annexed under the Subsidiary Alliance system?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. 1856 AD</div></div> <div><div><input type="checkbox"/></div><div>2. 1855 AD</div></div> <div><div><input type="checkbox"/></div><div>3. 1851 AD</div></div> <div><div><input type="checkbox"/></div><div>4. 1853 AD</div></div>
Q.81	Which of the following statements is correct about Avani Lekhara with respect to her performance at the 2024 Paris Paralympic games?
Ans	<div><div><input type="checkbox"/></div><div>1. She claimed her third gold medal.</div></div> <div><div><input type="checkbox"/></div><div>2. She set a new Paralympic record of 259.6 points.</div></div> <div><div><input type="checkbox"/></div><div>3. She claimed her second bronze medal.</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. She set a new Paralympic record of 249.7 points.</div></div>

Q.82	Which of the following is NOT the social cause of the Revolt of 1857?
Ans	<div><div><input type="checkbox"/></div><div>1. Forced conversions</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Decline of traditional industries</div></div> <div><div><input type="checkbox"/></div><div>3. Influence of missionaries</div></div> <div><div><input type="checkbox"/></div><div>4. Religious interference</div></div>
Q.83	Which of the following Mauryan rulers is known for his support of Buddhism and spreading its teachings?
Ans	<div><div><input type="checkbox"/></div><div>1. Bindusara</div></div> <div><div><input type="checkbox"/></div><div>2. Chandragupta Maurya</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Ashoka</div></div> <div><div><input type="checkbox"/></div><div>4. Brihadratha</div></div>
Q.84	Unemployment that arises when people are between jobs is known as:
Ans	<div><div><input type="checkbox"/></div><div>1. seasonal unemployment</div></div> <div><div><input type="checkbox"/></div><div>2. underemployment</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. frictional unemployment</div></div> <div><div><input type="checkbox"/></div><div>4. structural unemployment</div></div>
Q.85	Which of the following is a man-made island in India?
Ans	<div><div><input type="checkbox"/></div><div>1. Amwaj Islands</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Willingdon Island</div></div> <div><div><input type="checkbox"/></div><div>3. Minicoy Island</div></div> <div><div><input type="checkbox"/></div><div>4. Jurong Island</div></div>
Q.86	Which of the following Governor Generals of British India abolished the Doctrine of Lapse?
Ans	<div><div><input type="checkbox"/></div><div>1. Lord William Bentinck</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Lord Canning</div></div> <div><div><input type="checkbox"/></div><div>3. Lord Hardinge</div></div> <div><div><input type="checkbox"/></div><div>4. Lord Ellenborough</div></div>
Q.87	India's total land boundary length is approximately:
Ans	<div><div><input type="checkbox"/></div><div>1. 7,000 km</div></div> <div><div><input type="checkbox"/></div><div>2. 18,000 km</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. 15,200 km</div></div> <div><div><input type="checkbox"/></div><div>4. 10,000 km</div></div>
Q.88	In August 2024, the 10 th edition of the Joint Military Exercise MITRA SHAKTI was held between India and which country?
Ans	<div><div><input type="checkbox"/></div><div>1. Nepal</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Sri Lanka</div></div> <div><div><input type="checkbox"/></div><div>3. Bangladesh</div></div> <div><div><input type="checkbox"/></div><div>4. Bhutan</div></div>
Q.89	In 2024, which Bollywood actress wrote a book called ‘Ed Finds a Home’?
Ans	<div><div><input type="checkbox"/></div><div>1. Janhvi Kapoor</div></div> <div><div><input type="checkbox"/></div><div>2. Kiara Advani</div></div> <div><div><input type="checkbox"/></div><div>3. Sonam Kapoor</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Alia Bhatt</div></div>

Q.90	How much FDI did India attract between April 2014 and March 2024 as a result of initiatives like 'Make in India'?
Ans	<div><div><input type="checkbox"/></div>1. \$784.23 billion</div> <div><div><input type="checkbox"/></div>2. \$720.98 billion</div> <div><div><input checked="" type="checkbox"/></div>3. \$667.41 billion</div> <div><div><input type="checkbox"/></div>4. \$600.50 billion</div>
Q.91	What is a key goal for India's development by 2047 as per the Economic Survey 2024?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Achieving status as a developed nation (Viksit Bharat)</div> <div><div><input type="checkbox"/></div>2. Complete rural electrification</div> <div><div><input type="checkbox"/></div>3. Doubling per capita income</div> <div><div><input type="checkbox"/></div>4. Reaching zero poverty</div>
Q.92	The Constitution (20 th Amendment) Act, 1966, was enacted primarily to address which issue?
Ans	<div><div><input checked="" type="checkbox"/></div>1. The validation of appointments and judicial acts of certain district judges</div> <div><div><input type="checkbox"/></div>2. The establishment of Panchayati Raj institutions</div> <div><div><input type="checkbox"/></div>3. The reorganisation of states based on linguistic lines</div> <div><div><input type="checkbox"/></div>4. The abolition of the privy purses of erstwhile princely states</div>
Q.93	How many Fundamental Duties were inserted in the Indian Constitution by the 42 nd Constitutional Amendment Act?
Ans	<div><div><input type="checkbox"/></div>1. 0</div> <div><div><input checked="" type="checkbox"/></div>2. 10</div> <div><div><input type="checkbox"/></div>3. 8</div> <div><div><input type="checkbox"/></div>4. 11</div>
Q.94	Select the correct statement with respect to the Finance Commission of India.
Ans	<div><div><input type="checkbox"/></div>1. It is constituted by the Prime Minister of India.</div> <div><div><input checked="" type="checkbox"/></div>2. It is constituted by the President of India.</div> <div><div><input type="checkbox"/></div>3. It is constituted by the Leader of Opposition.</div> <div><div><input type="checkbox"/></div>4. It is constituted by the Finance Minister.</div>
Q.95	Which city has been officially confirmed as the host city for the 2026 Commonwealth Games?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Glasgow</div> <div><div><input type="checkbox"/></div>2. Edinburgh</div> <div><div><input type="checkbox"/></div>3. New Delhi</div> <div><div><input type="checkbox"/></div>4. Aberdeen</div>
Q.96	Jabro dance is a nomadic dance of _____.
Ans	<div><div><input type="checkbox"/></div>1. Sikkim</div> <div><div><input type="checkbox"/></div>2. Assam</div> <div><div><input checked="" type="checkbox"/></div>3. Ladakh</div> <div><div><input type="checkbox"/></div>4. Puducherry</div>
Q.97	Which of the following tribes was included in the list of Scheduled Tribes in Andhra Pradesh under the Constitution (Scheduled Tribes) Order (Amendment) Bill, 2024?
Ans	<div><div><input type="checkbox"/></div>1. Momba</div> <div><div><input type="checkbox"/></div>2. Galong</div> <div><div><input type="checkbox"/></div>3. Abor</div> <div><div><input checked="" type="checkbox"/></div>4. Bondo Porja</div>

Q.98	Who among the following formed the Satyashodhak Samaj to uplift the lower caste people and untouchables?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Jyotirao Govindrao Phule</div> <div><div><input type="checkbox"/></div>2. Ramaswamy Naiker Periyar</div> <div><div><input type="checkbox"/></div>3. Dr. Bhimrao Ambedkar</div> <div><div><input type="checkbox"/></div>4. Swami Dayanand Saraswati</div>
Q.99	Which of the following processes used in food processing kills harmful microorganisms?
Ans	<div><div><input type="checkbox"/></div>1. Fermentation</div> <div><div><input type="checkbox"/></div>2. Culturing</div> <div><div><input checked="" type="checkbox"/></div>3. Pasteurisation</div> <div><div><input type="checkbox"/></div>4. Maturation</div>
Q.100	Who was the Governor-General of India during the First War of Independence of 1857?
Ans	<div><div><input type="checkbox"/></div>1. Lord Hardinge I</div> <div><div><input type="checkbox"/></div>2. Lord Auckland</div> <div><div><input type="checkbox"/></div>3. Lord William Bentinck</div> <div><div><input checked="" type="checkbox"/></div>4. Charles Canning</div>
Q.101	Among the major systems of human physiology, to which organ system does blood belong?
Ans	<div><div><input type="checkbox"/></div>1. Endocrine system</div> <div><div><input type="checkbox"/></div>2. Digestive system</div> <div><div><input checked="" type="checkbox"/></div>3. Circulatory system</div> <div><div><input type="checkbox"/></div>4. Nervous system</div>
Q.102	Which of the following States has the highest number of Khelo India Athletes (KIAs) who benefited under Khelo India Scheme for the year 2024-25?
Ans	<div><div><input type="checkbox"/></div>1. Maharashtra</div> <div><div><input type="checkbox"/></div>2. Karnataka</div> <div><div><input type="checkbox"/></div>3. Kerala</div> <div><div><input checked="" type="checkbox"/></div>4. Haryana</div>
Q.103	Which of the following is a major crop grown during the Zaid season in India?
Ans	<div><div><input type="checkbox"/></div>1. Wheat</div> <div><div><input checked="" type="checkbox"/></div>2. Vegetables</div> <div><div><input type="checkbox"/></div>3. Maize</div> <div><div><input type="checkbox"/></div>4. Mustard</div>
Q.104	Which of the following statements is correct with respect to Comptroller and Auditor General of India?
Ans	<div><div><input type="checkbox"/></div>1. He is eligible for reappointment.</div> <div><div><input type="checkbox"/></div>2. He is appointed by the Finance Minister of India.</div> <div><div><input type="checkbox"/></div>3. He is appointed by the Prime Minister of India.</div> <div><div><input checked="" type="checkbox"/></div>4. He is appointed by the President of India.</div>
Q.105	Which of the following was the primary form of resistance used by the rebels during the Revolt of 1857?
Ans	<div><div><input type="checkbox"/></div>1. Political negotiations</div> <div><div><input checked="" type="checkbox"/></div>2. Armed revolt</div> <div><div><input type="checkbox"/></div>3. Mass migrations</div> <div><div><input type="checkbox"/></div>4. Non-violent protest</div>

Q.106	Right to Education is given in ____ of the Indian Constitution.
Ans	<div><div><input type="checkbox"/></div><div>1. Article 19A</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Article 21A</div></div> <div><div><input type="checkbox"/></div><div>3. Article 24</div></div> <div><div><input type="checkbox"/></div><div>4. Article 21</div></div>
Q.107	How many PARAM Rudra supercomputers were launched by Prime Minister Narendra Modi on September 26, 2024, developed under the National Supercomputing Mission with a total investment of ₹850 crore?
Ans	<div><div><input type="checkbox"/></div><div>1. Five</div></div> <div><div><input type="checkbox"/></div><div>2. Seven</div></div> <div><div><input checked="" type="checkbox"/></div><div>3. Three</div></div> <div><div><input type="checkbox"/></div><div>4. Two</div></div>
Q.108	The Green Revolution, which began in the 1960s, primarily focused on which of the following crops?
Ans	<div><div><input type="checkbox"/></div><div>1. Cotton and Sugarcane</div></div> <div><div><input type="checkbox"/></div><div>2. Fruits and Vegetables</div></div> <div><div><input type="checkbox"/></div><div>3. Maize and Millet</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Wheat and Rice</div></div>
Q.109	What were the class of people who performed various rituals in the Vedic period?
Ans	<div><div><input type="checkbox"/></div><div>1. Vaishyas</div></div> <div><div><input type="checkbox"/></div><div>2. Shudras</div></div> <div><div><input type="checkbox"/></div><div>3. Kshatriyas</div></div> <div><div><input checked="" type="checkbox"/></div><div>4. Brahmins</div></div>
Q.110	Which of the following measures helped India integrate with the global economy in 1991?
Ans	<div><div><input type="checkbox"/></div><div>1. Withdrawal from global trade agreements</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. Liberalisation of foreign trade policies</div></div> <div><div><input type="checkbox"/></div><div>3. Increasing restrictions on foreign investment</div></div> <div><div><input type="checkbox"/></div><div>4. Introduction of trade barriers</div></div>
Q.111	According to Article 46, the State shall promote the educational and economic interests of:
Ans	<div><div><input type="checkbox"/></div><div>1. only women</div></div> <div><div><input checked="" type="checkbox"/></div><div>2. weaker sections, particularly Scheduled Castes and Scheduled Tribes</div></div> <div><div><input type="checkbox"/></div><div>3. all citizens</div></div> <div><div><input type="checkbox"/></div><div>4. urban populations</div></div>
Q.112	Liquids and solids are difficult to compress due to which type of intermolecular forces?
Ans	<div><div><input checked="" type="checkbox"/></div><div>1. Repulsive force</div></div> <div><div><input type="checkbox"/></div><div>2. Van der Waals force</div></div> <div><div><input type="checkbox"/></div><div>3. London force</div></div> <div><div><input type="checkbox"/></div><div>4. Dispersion force</div></div>

Q.113	In which of the following cities did Dr. Jitendra Singh, Union Minister of State for Science and Technology, inaugurate India's first Demonstration Facility for Biopolymers, in October 2024?
Ans	<div><div><input type="checkbox"/></div>1. Hyderabad</div> <div><div><input type="checkbox"/></div>2. Bengaluru</div> <div><div><input type="checkbox"/></div>3. Jaipur</div> <div><div><input checked="" type="checkbox"/></div>4. Pune</div>

Q.120 Who among the following was a famous santoor player in India?

- Ans**
- ☐ 1. Annapurna Devi
 - ☐ 2. Allauddin Khan
 - ☒ 3. Pt. Shiv Kumar Sharma
 - ☐ 4. Pt. Ravi Shankar

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