



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



Exam Date	02/03/2025
Centre Name	Study Web Computers
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 Seema bought a mobile and laptop at a certain price. She sold the mobile at 10% gain and laptop at 25% gain. She found that the cost price of the mobile is equal to the selling price of the laptop. Find her profit percentage.

- Ans
- ☒ 1. $13\frac{2}{3}\%$
- ☒ 2. $16\frac{2}{3}\%$
- ☐ 3. $14\frac{2}{3}\%$
- ☐ 4. $15\frac{2}{3}\%$

Q.2 A number when increased by 50 % gives 2550. The number is:

- Ans
- ☒ 1. 1700
- ☐ 2. 5100
- ☐ 3. 3400
- ☐ 4. 850

Q.3 The sum of 8 numbers is 840. Find their average.

- Ans
- ☐ 1. 106
- ☐ 2. 104
- ☐ 3. 103
- ☒ 4. 105

Q.4 What is the simplest fractional form of 0.625?

- Ans
- ☐ 1. $\frac{10}{20}$
- ☐ 2. $\frac{25}{50}$
- ☒ 3. $\frac{5}{8}$
- ☐ 4. $\frac{625}{1000}$

Q.5	Evaluate: $41 - [36 - \{48 \div 3 - (4 - 8 \div 2) \div 2\}]$
Ans	<div>✗ 1. 22</div> <div>✗ 2. 20</div> <div>✓ 3. 21</div> <div>✗ 4. 23</div>
Q.6	What is the greatest number that will divide 446 and 487, leaving remainders 9 and 12, respectively?
Ans	<div>✗ 1. 25</div> <div>✗ 2. 22</div> <div>✗ 3. 23</div> <div>✓ 4. 19</div>
Q.7	The difference between compound interest and simple interest for 3 years at the rate of 20% per annum is ₹240. What is the principal lent?
Ans	<div>✗ 1. ₹1,675</div> <div>✓ 2. ₹1,875</div> <div>✗ 3. ₹1,975</div> <div>✗ 4. ₹1,775</div>
Q.8	Isha can do a certain piece of work in 20 days. Isha and Smriti can together do the same work in 16 days, and Isha, Smriti and Ashlesha can do the same work together in 8 days. In how many days can Isha and Ashlesha do the same work?
Ans	<div>✗ 1. $\frac{76}{11}$</div> <div>✗ 2. $\frac{89}{9}$</div> <div>✓ 3. $\frac{80}{9}$</div> <div>✗ 4. $\frac{79}{10}$</div>
Q.9	The monthly incomes of two friends Chetan and Vipul, are in the ratio 5 : 7 respectively and each of them saves ₹96000 every month. If the ratio of their monthly expenditure is 1 : 3, find the monthly income of Chetan(in ₹).
Ans	<div>✓ 1. 120000</div> <div>✗ 2. 168000</div> <div>✗ 3. 121000</div> <div>✗ 4. 119000</div>
Q.10	In what ratio must a shopkeeper mix two varieties of rice costing ₹75 and ₹80 per kg, respectively, so as to get a mixture worth ₹76.5 per kg?
Ans	<div>✓ 1. 7 : 3</div> <div>✗ 2. 3 : 5</div> <div>✗ 3. 5 : 3</div> <div>✗ 4. 3 : 7</div>
Q.11	Which of the following numbers is divisible by both 4 and 9?
Ans	<div>✗ 1. 2345</div> <div>✗ 2. 4512</div> <div>✓ 3. 1728</div> <div>✗ 4. 3241</div>

Q.12	One pipe fills a water tank 3 times faster than the other. If the two pipes together can fill the empty tank in 37 minutes, then how much time will the slower pipe alone take to fill the tank?
Ans	<div><div><input checked="" type="checkbox"/></div>1. 148 minutes</div> <div><div><input type="checkbox"/></div>2. 145 minutes</div> <div><div><input type="checkbox"/></div>3. 150 minutes</div> <div><div><input type="checkbox"/></div>4. 154 minutes</div>
Q.13	How much wheat (in kg, rounded off to the nearest integer) costing ₹36 per kg must be mixed with 55 kg of wheat costing ₹45 per kg so that there may be a gain of 20% by selling the mixture at ₹50 per kg?
Ans	<div><div><input type="checkbox"/></div>1. 36</div> <div><div><input type="checkbox"/></div>2. 28</div> <div><div><input type="checkbox"/></div>3. 30</div> <div><div><input checked="" type="checkbox"/></div>4. 32</div>
Q.14	Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Chetan borrowed an amount of ₹440000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Chetan after 3 years.
Ans	<div><div><input type="checkbox"/></div>1. 34000</div> <div><div><input type="checkbox"/></div>2. 34500</div> <div><div><input type="checkbox"/></div>3. 32500</div> <div><div><input checked="" type="checkbox"/></div>4. 33000</div>
Q.15	Train A leaves station M at 7:20 AM and reaches station N at 2:20 PM on the same day. Train B leaves station N at 9:20 AM and reaches station M at 2:20 PM on the same day. Find the time when Trains A and B meet.
Ans	<div><div><input checked="" type="checkbox"/></div>1. 11:25 AM</div> <div><div><input type="checkbox"/></div>2. 9:38 PM</div> <div><div><input type="checkbox"/></div>3. 10:34 AM</div> <div><div><input type="checkbox"/></div>4. 1:11 PM</div>
Q.16	If the radius of the base of a right circular cylinder is decreased by 30% and its height is increased by 224%, then what is the percentage increase (closest integer) in its volume?
Ans	<div><div><input type="checkbox"/></div>1. 83%</div> <div><div><input checked="" type="checkbox"/></div>2. 59%</div> <div><div><input type="checkbox"/></div>3. 58%</div> <div><div><input type="checkbox"/></div>4. 70%</div>
Q.17	Raghu bought toffees at 10 for a rupee. How many for a rupee must he sell to gain 400%?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Two</div> <div><div><input type="checkbox"/></div>2. Five</div> <div><div><input type="checkbox"/></div>3. Four</div> <div><div><input type="checkbox"/></div>4. Three</div>
Q.18	A pencil sharpened at both edges is the combination of _____ and _____.
Ans	<div><div><input checked="" type="checkbox"/></div>1. cylinders and cones</div> <div><div><input type="checkbox"/></div>2. rectangle and cylinder</div> <div><div><input type="checkbox"/></div>3. rectangle and a cone</div> <div><div><input type="checkbox"/></div>4. squares and cones</div>

Q.19	$\text{Simplify: } \frac{1\frac{1}{4} + 18.75 - 12\frac{2}{6} - 7\frac{6}{9}}{0.6 \times 8.7 - 6.98 \times 10.9}$
Ans	<div>✗ 1. 1.6</div> <div>✓ 2. 0</div> <div>✗ 3. 1</div> <div>✗ 4. 0.75</div>
Q.20	<p>The current price of a laptop is ₹78,000 after a 20% increase this year. What was the price of the laptop last year?</p>
Ans	<div>✗ 1. ₹62,400</div> <div>✗ 2. ₹64,200</div> <div>✓ 3. ₹65,000</div> <div>✗ 4. ₹65,450</div>
Q.21	<p>The average of first 126 odd natural numbers, is:</p>
Ans	<div>✗ 1. 126.5</div> <div>✓ 2. 126</div> <div>✗ 3. 125.5</div> <div>✗ 4. 127</div>
Q.22	<p>A man riding on a bicycle at a speed of 17 km/h crosses a bridge in 42 minutes. Find the length of the bridge?</p>
Ans	<div>✗ 1. 7.3 km</div> <div>✗ 2. 17.4 km</div> <div>✗ 3. 3.8 km</div> <div>✓ 4. 11.9 km</div>
Q.23	<p>A 340 m long train crosses a man walking at a speed of 4.5 km/h in the opposite direction in 6 seconds. What is the speed (in km/h) of the train?</p>
Ans	<div>✗ 1. 203.5</div> <div>✗ 2. 202.8</div> <div>✗ 3. 195.6</div> <div>✓ 4. 199.5</div>
Q.24	<p>Three friends are exercising together. The first friend runs a lap in 12 minutes, the second in 18 minutes, and the third in 24 minutes. If they all start running together, after how many minutes will they all finish a lap together again?</p>
Ans	<div>✗ 1. 82 mins</div> <div>✗ 2. 92 mins</div> <div>✓ 3. 72 mins</div> <div>✗ 4. 32 mins</div>
Q.25	<p>A girl goes to school at a speed of 6 km/hr. She comes back with a speed of 18 km/hr. Find her average speed for the whole journey.</p>
Ans	<div>✗ 1. 11 km/h</div> <div>✓ 2. 9 km/h</div> <div>✗ 3. 10 km/h</div> <div>✗ 4. 4 km/h</div>

Q.26	The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 123. Find the average of the remaining two numbers?
Ans	<div> <input checked="" type="checkbox"/> 1. 189 </div> <div> <input type="checkbox"/> 2. 200 </div> <div> <input type="checkbox"/> 3. 190 </div> <div> <input type="checkbox"/> 4. 201 </div>
Q.27	Find the perimeter of an equilateral triangle with a side length of 6 cm.
Ans	<div> <input type="checkbox"/> 1. 6 cm </div> <div> <input checked="" type="checkbox"/> 2. 18 cm </div> <div> <input type="checkbox"/> 3. 9 cm </div> <div> <input type="checkbox"/> 4. 36 cm </div>
Q.28	Evaluate: $41 - [21 - \{11 - (15 - 9 \div 3 \times 2)\}]$
Ans	<div> <input type="checkbox"/> 1. 17 </div> <div> <input type="checkbox"/> 2. 24 </div> <div> <input checked="" type="checkbox"/> 3. 22 </div> <div> <input type="checkbox"/> 4. 19 </div>
Q.29	In how many months, at a rate of 6% compound interest per annum, will a sum of ₹1,200 become ₹1,348.32.?
Ans	<div> <input type="checkbox"/> 1. 30 months </div> <div> <input type="checkbox"/> 2. 18 months </div> <div> <input checked="" type="checkbox"/> 3. 24 months </div> <div> <input type="checkbox"/> 4. 12 months </div>
Q.30	Nitin can do a piece of work in 7 hours. Pravin can do it in 21 hours. With the assistance of Rishi, they completed the work in 3 hours. In how many hours can Rishi alone do it?
Ans	<div> <input type="checkbox"/> 1. 8 </div> <div> <input checked="" type="checkbox"/> 2. 7 </div> <div> <input type="checkbox"/> 3. 6 </div> <div> <input type="checkbox"/> 4. 9 </div>
Q.31	The value of $9^3 - 2^2 + \left(\frac{42}{3}\right)^2 - 6 + 5 \times 0 = \underline{\hspace{2cm}}$
Ans	<div> <input checked="" type="checkbox"/> 1. 915 </div> <div> <input type="checkbox"/> 2. 918 </div> <div> <input type="checkbox"/> 3. 913 </div> <div> <input type="checkbox"/> 4. 922 </div>
Q.32	An online store announced a 20% discount on all its apparels during the Diwali week. A further discount of ₹50 was given on UPI payment. Sara bought a saree by paying ₹3,190 using the UPI payment mode. Find the marked price of the saree.
Ans	<div> <input type="checkbox"/> 1. ₹4,025 </div> <div> <input type="checkbox"/> 2. ₹4,000 </div> <div> <input type="checkbox"/> 3. ₹4,095 </div> <div> <input checked="" type="checkbox"/> 4. ₹4,050 </div>

Q.33	Ramneek starts a business with ₹1,45,600. After 5 months, Somesh joins him with ₹1,50,400. At the end of the year, in what ratio should they share the profit?
Ans	<div> <input checked="" type="checkbox"/> 1. 78 : 47 <input type="checkbox"/> 2. 23 : 41 <input type="checkbox"/> 3. 39 : 49 <input type="checkbox"/> 4. 53 : 48 </div>
Q.34	If 19 , 57 , 81 , and y are in proportion, then the value of y is:
Ans	<div> <input checked="" type="checkbox"/> 1. 243 <input type="checkbox"/> 2. 252 <input type="checkbox"/> 3. 248 <input type="checkbox"/> 4. 249 </div>
Q.35	The marked price of a mobile phone is ₹59,500. During the great Indian festive sale, it is sold for ₹47,600. Determine the discount percentage.
Ans	<div> <input type="checkbox"/> 1. 18% <input type="checkbox"/> 2. 21% <input checked="" type="checkbox"/> 3. 20% <input type="checkbox"/> 4. 16% </div>

Section : General Intelligence and Reasoning

Q.36	In a certain code language , 'NXCH' is coded as 'QZFJ' and 'EULA' is coded as 'HWOC'. What is the code for 'ZIKR' in the given code language?
Ans	<div> <input type="checkbox"/> 1. DJNS <input type="checkbox"/> 2. BINS <input type="checkbox"/> 3. BGMR <input checked="" type="checkbox"/> 4. CKNT </div>
Q.37	KP 14 is related to GL 10 in a certain way. In the same way, SW 18 is related to OS 14. To which of the following is OX 13 related, following the same logic?
Ans	<div> <input type="checkbox"/> 1. MP 11 <input type="checkbox"/> 2. XO 09 <input checked="" type="checkbox"/> 3. KT 09 <input type="checkbox"/> 4. KT 11 </div>
Q.38	In a certain code language, 'CREATE' is coded as '856629' and 'ITEMS' is coded as '96713'. What is the code for 'T' in the given code language?
Ans	<div> <input checked="" type="checkbox"/> 1. 9 <input type="checkbox"/> 2. 3 <input type="checkbox"/> 3. 8 <input type="checkbox"/> 4. 6 </div>
Q.39	In a row of 34 students facing North, Yudveer is 20 th from the right end. If Piyush is 8 th to the left of Yudveer, what is Piyush's position from the left end of the line?
Ans	<div> <input type="checkbox"/> 1. 5th <input type="checkbox"/> 2. 8th <input checked="" type="checkbox"/> 3. 7th <input type="checkbox"/> 4. 6th </div>

Q.40	<p>Select the pair that follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.</p> <p>UTR-TSQ POM-ONL</p> <p>Ans <input checked="" type="checkbox"/> 1. TSQ-RRO</p> <p><input checked="" type="checkbox"/> 2. CBZ-BAY</p> <p><input checked="" type="checkbox"/> 3. TRO-SRP</p> <p><input checked="" type="checkbox"/> 4. TRO-RQO</p>
Q.41	<p>What should come in place of the question mark (?) in the given series based on the English alphabetical order?</p> <p>XVM VTK TRI RPG ?</p> <p>Ans <input checked="" type="checkbox"/> 1. NEP</p> <p><input checked="" type="checkbox"/> 2. ENP</p> <p><input checked="" type="checkbox"/> 3. PNE</p> <p><input checked="" type="checkbox"/> 4. NPE</p>
Q.42	<p>Refer to the following number, symbol series and answer the question.</p> <p>Counting to be done from left to right only.</p> <p>(Left) @ 8 \$ 7 + 5 4 2 Ω # 1 * £ 3 6 & 9 % (Right)</p> <p>How many such symbols are there each of which is immediately preceded by a number and also immediately followed by another symbol?</p> <p>Ans <input checked="" type="checkbox"/> 1. 4</p> <p><input checked="" type="checkbox"/> 2. 1</p> <p><input checked="" type="checkbox"/> 3. 3</p> <p><input checked="" type="checkbox"/> 4. 2</p>
Q.43	<p>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>211 - 2 - 209 102 - 6 - 96</p> <p>Ans <input checked="" type="checkbox"/> 1. 39 - 2 - 31</p> <p><input checked="" type="checkbox"/> 2. 61 - 3 - 58</p> <p><input checked="" type="checkbox"/> 3. 44 - 5 - 38</p> <p><input checked="" type="checkbox"/> 4. 54 - 3 - 49</p>
Q.44	<p>Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?</p> <p>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p> <p>Ans <input checked="" type="checkbox"/> 1. RIZ</p> <p><input checked="" type="checkbox"/> 2. EVM</p> <p><input checked="" type="checkbox"/> 3. ARI</p> <p><input checked="" type="checkbox"/> 4. WNI</p>

Q.45 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

TVJ : SUI
BRW : AQV

- Ans
- ☐ 1. DJH : RMP
 - ☐ 2. EYU : GDO
 - ☐ 3. FVC : EWL
 - ☒ 4. DPU : COT

Q.46 What should come in place of the question mark (?) in the given series?

28 39 53 70 90 ?

- Ans
- ☐ 1. 128
 - ☒ 2. 113
 - ☐ 3. 117
 - ☐ 4. 123

Q.47 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.
(Left) # 5 4 @ % & * \$ 6 8 Ω 9 1 7 3 £ + 2 (Right)
How many such numbers are there each of which is immediately preceded by another number and also immediately followed by another number?

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

Q.48 Naren starts from Point A and drives 7 km towards the west. He then takes a left turn, drives 5 km, turns left and drives 10 km. He then takes a left turn and drives 9 km. He takes a final left 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. 4 km to the south
 - ☐ 2. 3 km to the north
 - ☐ 3. 1 km to the south
 - ☐ 4. 2 km to the north

Q.49 Pranay starts from Point A and drives 8 km towards east. He then takes a right turn, drives 11 km, turns right and drives 12 km. He then takes a right turn and drives 13 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)

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

Q.50 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 9 4 ^ 3 7 7 ? 1 \ 2 8 8 \ 7 \$ > 3 # ? # ? (Right)

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

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

Q.51 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. HT - RC
 - ☒ 2. QC - AL
 - ☒ 3. JO - LS
 - ☒ 4. CO - MX

Q.52 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:
Some bugs are ants.
Some ants are snakes.

Conclusions:
(I) : Some bugs are snakes.
(II) : All snakes are ants.

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

Q.53 In a row of 42 people facing north, Shoaib is 9th from the right end. If Rishi sits 4th to the right of Shoaib, what is Rishi's position from the left end of the line?

- Ans**
- ☒ 1. 36th
 - ☒ 2. 38th
 - ☒ 3. 35th
 - ☒ 4. 37th

Q.54 In a certain code language,
A ~ B means 'A is the daughter of B'
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'
Based on the above, how is B related to O if 'B × R + A ~ V ? O'?

- Ans**
- ☒ 1. Brother's father
 - ☒ 2. Brother's son
 - ☒ 3. Brother's sister
 - ☒ 4. Brother's wife

Q.55 Select the figure from among the given options that can replace the question mark (?) to logically complete the following series.

ll b	i !!	q ll	b i	
!!	ll	i	q	?
i q	q b	b !!	!! ll	

Ans

✗ 1.

ll q
b
!! i

✗ 2.

i ll
!!
b q

✗ 3.

!! i
ll
b q

✓ 4.

!! q
b
ll i

Q.56 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TBR 23 RFO 12 PJL 1 NNI -10 ?

Ans

✗ 1. LRE -21

✓ 2. LRF -21

✗ 3. KRE -19

✗ 4. KRF -19

Q.57

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 lifts are doors.
All doors are cars.
No car is a window.

Conclusions:
(I) : No lift is a window.
(II) : Some cars are lifts.

Ans

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

2. Only conclusion (I) follows

3. Only conclusion (II) follows

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

Q.58

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

15 22 44 51 73 80 ?

Ans

1. 111

2. 102

3. 120

4. 121

Q.59

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 goats are trees.
Some trees are cloves.
Some cloves are peanuts.

Conclusions:
(I): Some peanuts are goats.
(II): Some cloves are goats.

Ans

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

2. Only conclusion (I) follows.

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

4. Only conclusion (II) follows.

Q.60

What should come in place of '?' in the given series based on the English alphabetical order?

TMP RKN PIL NGJ ?

Ans

1. LFG

2. LEG

3. LFH

4. LEH

Q.61

P, Q, R, S, T, U and V are sitting around a circular table facing the centre. U sits third to the left of T. P sits second to the left of Q. Only T sits between V and P. R is not an immediate neighbour of U. How many people sit between U and V when counted from the right of V?

Ans

1. 1

2. 2

3. 3

4. 4

Q.62 In a certain code language, 'go home now' is coded as 'ab bc de' and 'now is perfect' is coded as 'df de jo'. How is 'now' coded in the given language?

- Ans
- ☐ 1. jo
 - ☐ 2. bc
 - ☒ 3. de
 - ☐ 4. ab

Q.63 What will come in place of the question mark (?) in the following equation if '÷' and '×' are interchanged?

$(6 \div 6) \times \sqrt[3]{8 \div 8} = ?$

- Ans
- ☐ 1. 8
 - ☐ 2. 18
 - ☒ 3. 9
 - ☐ 4. 3

Q.64 What should come in place of '?' in the given series?

105, 93, 78, 111, 91, 81, 117, 89, 84, ?

- Ans
- ☐ 1. 119
 - ☐ 2. 115
 - ☒ 3. 123
 - ☐ 4. 87

Q.65 In a certain code language,
'A + B' means 'A is the son 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. Son
 - ☐ 2. Father-in-law
 - ☐ 3. Grandfather
 - ☒ 4. Brother-in-law

Q.66 What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and '–' and '÷' are interchanged?
21+32-14x17÷11=?

- Ans
- ☐ 1. 34
 - ☒ 2. 54
 - ☐ 3. 64
 - ☐ 4. 44

Q.67 What will come in place of the question mark (?) in the following equation if '÷' and '÷' are interchanged and '–' and '×' are interchanged?

$(5 - 4) \div (81 + 9) \times (52 + 4) = ?$

- Ans
- ☐ 1. 5040
 - ☐ 2. 24
 - ☒ 3. 16
 - ☐ 4. 9

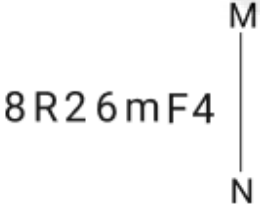
Q.68 Seven students, Q, R, S, T, W, X and Y, are sitting in a straight line facing north. Only one person sits between T and Q. Only two people sit between S and T. Only X sits to the right of Q. Y sits at some place to the right of W but at some place to the left of R. How many people sit to the right of R?

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

Q.69 P, Q, R, S, T, U and V sit around a circular table facing the centre. Only two people sit between Q and P when counted from the right of Q. Only three people sit between S and V when counted from the right of V. P sits to the immediate right of V. U sits to the immediate right of T. How many people sit between R and T when counted from the right of T?

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

Q.70 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.



- Ans**
- ☒ 1. 4Ɔm9ZŹ8
 - ☒ 2. F4mǝSŹ8
 - ☒ 3. 8R26mF4
 - ☒ 4. 4ƆmǝSŹ8

Section : General Awareness

Q.71 Which of the following options best describes the Ideal Gas Law?

- Ans**
- ☒ 1. The pressure (P), volume (V) and temperature (T) of a fixed quantity of gas are related by the equation $PV/T = \text{Constant}$.
 - ☒ 2. The pressure of a gas is directly proportional to its volume at constant volume.
 - ☒ 3. The volume of a gas is inversely proportional to its temperature at constant pressure.
 - ☒ 4. The total pressure of a mixture of gases is equal to the sum of the partial pressures of the individual gases.

Q.72 Who among the following painted 'Relief of Lucknow', related to the Revolt of 1857?

- Ans**
- ☒ 1. Thomas Jones Barker
 - ☒ 2. Captain Munro
 - ☒ 3. Captain Hugh
 - ☒ 4. Captain Wright

Q.73 In June 2024, which of the following politicians took oath as the Union Education Minister?

- Ans**
- ☒ 1. Shri Rajnath Singh
 - ☒ 2. Shri Dharmendra Pradhan
 - ☒ 3. Shri Bhupendra Yadav
 - ☒ 4. Shri Prakash Javadekar

Q.74	Who inaugurated the International 6G Symposium, emphasising the technology's potential to boost economic growth and innovation in India on 16 October 2024?
Ans	<div><div><input type="checkbox"/></div>1. Ashwini Vaishnaw</div> <div><div><input type="checkbox"/></div>2. Piyush Goyal</div> <div><div><input type="checkbox"/></div>3. Nirmala Sitharaman</div> <div><div><input checked="" type="checkbox"/></div>4. Jyotiraditya M Scindia</div>
Q.75	Which of the following talks about 'social and economic justice'?
Ans	<div><div><input type="checkbox"/></div>1. Directive Principles of State Policy only</div> <div><div><input type="checkbox"/></div>2. Preamble only</div> <div><div><input checked="" type="checkbox"/></div>3. Directive Principles of State Policy and Preamble</div> <div><div><input type="checkbox"/></div>4. Fundamental Duty only</div>
Q.76	What is the estimated Nominal GDP or GDP at Current Prices for India in the year 2023-24 as per NSSO?
Ans	<div><div><input type="checkbox"/></div>1. ₹306.89 lakh crore</div> <div><div><input type="checkbox"/></div>2. ₹286.32 lakh crore</div> <div><div><input type="checkbox"/></div>3. ₹276.45 lakh crore</div> <div><div><input checked="" type="checkbox"/></div>4. ₹296.58 lakh crore</div>
Q.77	Which sector is responsible for providing electricity in India?
Ans	<div><div><input type="checkbox"/></div>1. Agriculture</div> <div><div><input checked="" type="checkbox"/></div>2. Power</div> <div><div><input type="checkbox"/></div>3. Mining</div> <div><div><input type="checkbox"/></div>4. Textile</div>
Q.78	Which sector(s) in India has/have benefited maximum from globalisation?
Ans	<div><div><input type="checkbox"/></div>1. Mining</div> <div><div><input type="checkbox"/></div>2. Agriculture</div> <div><div><input type="checkbox"/></div>3. Public sector enterprises</div> <div><div><input checked="" type="checkbox"/></div>4. Information technology</div>
Q.79	What is 'Northern Circar' in India?
Ans	<div><div><input type="checkbox"/></div>1. Name of mountain peak</div> <div><div><input checked="" type="checkbox"/></div>2. Name of coastal plain</div> <div><div><input type="checkbox"/></div>3. Name of river valley</div> <div><div><input type="checkbox"/></div>4. Name of plateau</div>
Q.80	In which month of 2024 was the Agreement on Cooperation in the Field of Agriculture and Food Industry between India and Ukraine signed?
Ans	<div><div><input type="checkbox"/></div>1. June</div> <div><div><input type="checkbox"/></div>2. November</div> <div><div><input checked="" type="checkbox"/></div>3. August</div> <div><div><input type="checkbox"/></div>4. March</div>
Q.81	Who was the fourth Sikh Guru who laid the foundation of Sri Darbar Sahib at Amritsar (The Golden Temple) in 1577?
Ans	<div><div><input type="checkbox"/></div>1. Guru Amar Das Ji</div> <div><div><input type="checkbox"/></div>2. Guru Arjan Dev Ji</div> <div><div><input type="checkbox"/></div>3. Guru Har Krishan Dev Ji</div> <div><div><input checked="" type="checkbox"/></div>4. Guru Ram Das Ji</div>

Q.82	Which of the following was NOT a demand of the extremists?
Ans	<div><div><input checked="" type="checkbox"/> 1. Constitutional reforms</div><div><input type="checkbox"/> 2. Promotion of Swadeshi industries</div><div><input type="checkbox"/> 3. Complete independence</div><div><input type="checkbox"/> 4. Complete Swaraj</div></div>
Q.83	Who among the following is NOT part of the Council of Ministers in a State?
Ans	<div><div><input checked="" type="checkbox"/> 1. The Governor</div><div><input type="checkbox"/> 2. State Ministers</div><div><input type="checkbox"/> 3. The Chief Minister</div><div><input type="checkbox"/> 4. Cabinet Ministers</div></div>
Q.84	Which tribal farmer of Singhbhum in Chhotanagpur led the Kol tribals in the revolt of 1857?
Ans	<div><div><input type="checkbox"/> 1. Birsa Munda</div><div><input type="checkbox"/> 2. Jatra Bhagat</div><div><input checked="" type="checkbox"/> 3. Gonoo</div><div><input type="checkbox"/> 4. Budhu Bhagat</div></div>
Q.85	In October 2024, which institution introduced a compact device aimed at the early detection of breast cancer?
Ans	<div><div><input type="checkbox"/> 1. Indian Institute of Science, Bengaluru</div><div><input checked="" type="checkbox"/> 2. Indian Institute of Technology, Indore</div><div><input type="checkbox"/> 3. Indian Institute of Technology, Bombay</div><div><input type="checkbox"/> 4. All India Institute of Medical Sciences, New Delhi</div></div>
Q.86	The idea of human development is supported by the concepts of _____.
	<div>1. Equity</div> <div>2. Sustainability</div> <div>3. Productivity</div> <div>4. Empowerment</div>
Ans	<div><div><input checked="" type="checkbox"/> 1. 1, 2, 3 and 4</div><div><input type="checkbox"/> 2. 2 and 4 only</div><div><input type="checkbox"/> 3. 1 and 3 only</div><div><input type="checkbox"/> 4. 1, 2 and 3 only</div></div>
Q.87	Which President of India exercised the pocket veto on the Indian Post Office (Amendment) Bill?
Ans	<div><div><input type="checkbox"/> 1. APJ Abdul Kalam</div><div><input type="checkbox"/> 2. R Venkataraman</div><div><input checked="" type="checkbox"/> 3. Zail Singh</div><div><input type="checkbox"/> 4. Dr. Rajendra Prasad</div></div>
Q.88	In which case did the Supreme Court introduce the concept of curative petitions?
Ans	<div><div><input type="checkbox"/> 1. M Nagaraj and Ors. vs. Union of India</div><div><input type="checkbox"/> 2. Indira Nehru Gandhi vs. Shri Raj Narain</div><div><input type="checkbox"/> 3. Kesavananda Bharati vs. State of Kerala</div><div><input checked="" type="checkbox"/> 4. Rupa Ashok Hurra vs. Ashok Hurra and Ors.</div></div>

Q.89	In 1971, the Small Farmers Development Agency (SFDA) and Marginal Farmers and Agricultural Labourers (MFAL) Agency were introduced on the recommendations of the _____.
Ans	<div><div><input checked="" type="checkbox"/></div>1. All India Credit Review Committee</div> <div><div><input type="checkbox"/></div>2. Indian Institute of Local Self Governments</div> <div><div><input type="checkbox"/></div>3. All India Farmers Association</div> <div><div><input type="checkbox"/></div>4. All India Kisan Sabha</div>
Q.90	Who among the following was the son of Chandragupta Maurya?
Ans	<div><div><input type="checkbox"/></div>1. Dasharatha Maurya</div> <div><div><input type="checkbox"/></div>2. Ashoka</div> <div><div><input checked="" type="checkbox"/></div>3. Bindusara</div> <div><div><input type="checkbox"/></div>4. Brihadratha Maurya</div>
Q.91	Which of the following Constitutional Amendment Acts had abolished the privy purse and privileges of the former rulers of the princely states?
Ans	<div><div><input type="checkbox"/></div>1. 36th Amendment Act</div> <div><div><input type="checkbox"/></div>2. 44th Amendment Act</div> <div><div><input checked="" type="checkbox"/></div>3. 26th Amendment Act</div> <div><div><input type="checkbox"/></div>4. 42nd Amendment Act</div>
Q.92	In 2024, which company debuted on the stock exchanges with a 5% premium, becoming India's first listed multinational health insurer?
Ans	<div><div><input type="checkbox"/></div>1. ICICI Prudential Life Insurance</div> <div><div><input checked="" type="checkbox"/></div>2. Niva Bupa</div> <div><div><input type="checkbox"/></div>3. HDFC Life</div> <div><div><input type="checkbox"/></div>4. Star Health and Allied Insurance</div>
Q.93	Tantia Tope led the revolt of 1857 in:
Ans	<div><div><input type="checkbox"/></div>1. Jaipur</div> <div><div><input type="checkbox"/></div>2. Pune</div> <div><div><input checked="" type="checkbox"/></div>3. Kanpur</div> <div><div><input type="checkbox"/></div>4. Chennai</div>
Q.94	Who won the Best Actor award at the 70 th National Film Awards 2024?
Ans	<div><div><input type="checkbox"/></div>1. Allu Arjun</div> <div><div><input type="checkbox"/></div>2. Dulquer Salmaan</div> <div><div><input checked="" type="checkbox"/></div>3. Rishab Shetty</div> <div><div><input type="checkbox"/></div>4. Yash</div>
Q.95	As per Advancing Monsoon in India, which of the following cities receives rainfall the earliest?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Bengaluru</div> <div><div><input type="checkbox"/></div>2. Chandigarh</div> <div><div><input type="checkbox"/></div>3. Lucknow</div> <div><div><input type="checkbox"/></div>4. Nagpur</div>
Q.96	At a workshop hosted at its campus in May-June 2024, a team from IIT Dharwad unveiled the world's first _____ assistance drone.
Ans	<div><div><input checked="" type="checkbox"/></div>1. fire rescue</div> <div><div><input type="checkbox"/></div>2. military surveillance</div> <div><div><input type="checkbox"/></div>3. agricultural survey</div> <div><div><input type="checkbox"/></div>4. vaccine and medicine distribution</div>

Q.97	Why is rural credit important for rural development in India?
Ans	<div><div><input type="checkbox"/></div>1. It supports urban migration.</div> <div><div><input type="checkbox"/></div>2. It reduces agricultural activities.</div> <div><div><input checked="" type="checkbox"/></div>3. It helps farmers and small businesses access funds for production and development.</div> <div><div><input type="checkbox"/></div>4. It decreases industrial investment.</div>

Q.105	In December 2024, India and Australia were expediting the Comprehensive Economic Cooperation Agreement (CECA) to enhance trade in which areas?
Ans	<div><div><input type="checkbox"/></div>1. Defence and cybersecurity</div> <div><div><input type="checkbox"/></div>2. Tourism and education</div> <div><div><input checked="" type="checkbox"/></div>3. Agriculture, supply chains and emerging sectors</div> <div><div><input type="checkbox"/></div>4. Space technology and innovation</div>
Q.106	Which mountain range is a source of marble in India?
Ans	<div><div><input type="checkbox"/></div>1. Himalayas</div> <div><div><input type="checkbox"/></div>2. Satpuras</div> <div><div><input checked="" type="checkbox"/></div>3. Aravallis</div> <div><div><input type="checkbox"/></div>4. Vindhyas</div>
Q.107	In which state is the Ganga Sagar Mela held every year at the estuary of the Ganga, where millions of pilgrims gather to take a holy bath?
Ans	<div><div><input type="checkbox"/></div>1. Uttarakhand</div> <div><div><input type="checkbox"/></div>2. Bihar</div> <div><div><input checked="" type="checkbox"/></div>3. West Bengal</div> <div><div><input type="checkbox"/></div>4. Uttar Pradesh</div>
Q.108	Which of the following crops is primarily cultivated in black soil regions of India?
Ans	<div><div><input type="checkbox"/></div>1. Rice</div> <div><div><input type="checkbox"/></div>2. Sugarcane</div> <div><div><input checked="" type="checkbox"/></div>3. Cotton</div> <div><div><input type="checkbox"/></div>4. Tea</div>
Q.109	Which type of vegetation is mostly found in the Thar Desert?
Ans	<div><div><input type="checkbox"/></div>1. Alpine vegetation</div> <div><div><input checked="" type="checkbox"/></div>2. Thorny bushes and shrubs</div> <div><div><input type="checkbox"/></div>3. Deciduous forests</div> <div><div><input type="checkbox"/></div>4. Tropical rainforest</div>
Q.110	Maha Shivratri, also known as the 'Great Night of Shiva', is celebrated in the Hindu month of _____.
Ans	<div><div><input type="checkbox"/></div>1. Vaisakha</div> <div><div><input type="checkbox"/></div>2. Chaitra</div> <div><div><input type="checkbox"/></div>3. Magha</div> <div><div><input checked="" type="checkbox"/></div>4. Phalguna</div>
Q.111	The Third Schedule of the Indian Constitution contains which of the following?
Ans	<div><div><input checked="" type="checkbox"/></div>1. The Forms of Oaths or Affirmations</div> <div><div><input type="checkbox"/></div>2. The State list</div> <div><div><input type="checkbox"/></div>3. The recognized languages</div> <div><div><input type="checkbox"/></div>4. The Union list</div>
Q.112	Shree Narayana Guru founded the Shree Narayana Dharma Paripalana Yogam (SNDP) in _____ to carry on the work of social reform.
Ans	<div><div><input type="checkbox"/></div>1. 1933</div> <div><div><input type="checkbox"/></div>2. 1913</div> <div><div><input type="checkbox"/></div>3. 1923</div> <div><div><input checked="" type="checkbox"/></div>4. 1903</div>

Q.113	Which organisation regulates and monitors the stock market and defends the benefits of the investors by imposing certain rules and protocols?
Ans	<div><div><input checked="" type="checkbox"/></div>1. IEX</div> <div><div><input checked="" type="checkbox"/></div>2. SEBI</div> <div><div><input checked="" type="checkbox"/></div>3. RBI</div> <div><div><input checked="" type="checkbox"/></div>4. IRDA</div>
Q.114	On Air Force Day, 8 th October 2024, the IAF airshow was held in ____.
Ans	<div><div><input checked="" type="checkbox"/></div>1. Chennai</div> <div><div><input checked="" type="checkbox"/></div>2. New Delhi</div> <div><div><input checked="" type="checkbox"/></div>3. Bengaluru</div> <div><div><input checked="" type="checkbox"/></div>4. Mumbai</div>
Q.115	In the RBI's Monetary Policy Committee (MPC) meeting held on 9 October 2024, how many members supported the decision to maintain the repo rate at 6.5%?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Three out of six</div> <div><div><input checked="" type="checkbox"/></div>2. Five out of six</div> <div><div><input checked="" type="checkbox"/></div>3. Four out of six</div> <div><div><input checked="" type="checkbox"/></div>4. Six out of six</div>
Q.116	Who among the following chose the path of forming the army 'Azad Hind Fauj' to liberate India from the clutches of the British?
Ans	<div><div><input checked="" type="checkbox"/></div>1. Gopal Krishna Gokhale</div> <div><div><input checked="" type="checkbox"/></div>2. Subhas Chandra Bose</div> <div><div><input checked="" type="checkbox"/></div>3. Lala Lajpat Rai</div> <div><div><input checked="" type="checkbox"/></div>4. Bipin Chandra Pal</div>
Q.117	A negatively charged glass rod attracts a hanging object. The nature of the hanging object is:
Ans	<div><div><input checked="" type="checkbox"/></div>1. may be positively charged or may be neutral</div> <div><div><input checked="" type="checkbox"/></div>2. certainly negatively charged</div> <div><div><input checked="" type="checkbox"/></div>3. may be negatively charged or may be neutral</div> <div><div><input checked="" type="checkbox"/></div>4. certainly positively charged</div>
Q.118	According to Le Chatelier's Principle, what happens to a system at equilibrium when it is subjected to a change in concentration, pressure or temperature?
Ans	<div><div><input checked="" type="checkbox"/></div>1. The system remains at equilibrium without any changes.</div> <div><div><input checked="" type="checkbox"/></div>2. The system will always favour the formation of reactants.</div> <div><div><input checked="" type="checkbox"/></div>3. The system will undergo a permanent change in state.</div> <div><div><input checked="" type="checkbox"/></div>4. The system shifts in the direction that opposes the change to re-establish equilibrium.</div>
Q.119	Which law was NOT amended by the Jammu and Kashmir Local Bodies Laws (Amendment) Bill, 2024, introduced in the Lok Sabha in February 2024?
Ans	<div><div><input checked="" type="checkbox"/></div>1. J&K Land Acquisition Act, 1995</div> <div><div><input checked="" type="checkbox"/></div>2. J&K Municipal Act, 2000</div> <div><div><input checked="" type="checkbox"/></div>3. J&K Panchayati Raj Act, 1989</div> <div><div><input checked="" type="checkbox"/></div>4. J&K Municipal Corporation Act, 2000</div>

Q.120 What is the minimum age required for a person to be elected to the legislative assembly?

- Ans**
- ☐ 1. 21 years
 - ☒ 2. 25 years
 - ☐ 3. 22 years
 - ☐ 4. 18 years

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