



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



Exam Date	03/03/2025
Centre Name	ION Digital Zone iDZ 2 Chinamushidiwada
Exam Time	12:30 PM - 2:00 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 Which of the following numbers is divisible by 11?

- Ans
- 1. 3273
  - 2. 4836
  - 3. 5621
  - 4. 2987

Q.2 A number when increased by 50 %, gives 2580. The number is:

- Ans
- 1. 5160
  - 2. 3440
  - 3. 1720
  - 4. 860

Q.3 The monthly incomes of two friends Vipul and Vijay, are in the ratio 5 : 7 respectively and each of them saves ₹81000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Vipul(in ₹).

- Ans
- 1. 136000
  - 2. 135000
  - 3. 134000
  - 4. 189000

Q.4 If  $125 : y :: y : 180$ , find the positive value of  $y$ .

- Ans
- 1. 150
  - 2. 158
  - 3. 148
  - 4. 145

Q.5 Seven bells ring at intervals of 2, 3, 4, 6, 8, 9 and 12 minutes, respectively. They started ringing simultaneously at 7.10 in the morning. What will be the next time when they all ring simultaneously?

- Ans
- 1. 8.22 a.m.
  - 2. 8.20 a.m.
  - 3. 8.26 a.m.
  - 4. 8.24 a.m.

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Q.6 In a business with C, A and B invest ₹50,000 and ₹60,000, respectively. The profit of C is double the profit of B. If the total profit is ₹23,000, then the profit of A (in ₹) is:

- Ans
- 1. 2,500
  - 2. 6,000
  - 3. 5,000
  - 4. 3,000

Q.7 How many seconds will a boy take to run one complete round around a square field of side 38 metres, if he runs at a speed of 6 km/h?

- Ans
- 1. 91.2
  - 2. 50.1
  - 3. 61.2
  - 4. 71.2

Q.8 The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 103. Find the average of the remaining two numbers?

- Ans
- 1. 181
  - 2. 199
  - 3. 198
  - 4. 182

Q.9 For what value of A, will the expression  $(13.56 \times 13.56 + 13.56 \times A + 0.04 \times 0.04)$  be a perfect square?

- Ans
- 1. 0.12
  - 2. 0.04
  - 3. 0.16
  - 4. 0.08

Q.10 If the least common multiple of 85 and 255 can be expressed as  $85R+255$ , then the value of R is:

- Ans
- 1. 10
  - 2. 0
  - 3. 6
  - 4. 14

Q.11 The marked price of an item ₹ 25,000. Under a scheme, successive discounts of 10% and 8% are given on it. Find the total discount given while selling the item under the given scheme.

- Ans
- 1. ₹4,500
  - 2. ₹4,600
  - 3. ₹4,300
  - 4. ₹4,400

Q.12 A sum, when invested at 10% simple interest per annum, amounts to ₹4080 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 1 year?

- Ans
- 1. 680
  - 2. 1360
  - 3. 170
  - 4. 340

Q.13 Convert 0.363636 into a fraction.

- Ans
- 1.  $\frac{36}{99}$
  - 2.  $\frac{36}{100}$
  - 3.  $\frac{63}{99}$
  - 4.  $\frac{3636}{1000}$

Q.14 A pipe can fill a tank in 9 hours. Another pipe can empty the filled tank in 27 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

- Ans
- 1. 27
  - 2. 36
  - 3. 18
  - 4. 9

Q.15 A pipe can fill a tank in 6 hours, and another pipe can fill the same tank in 8 hours. If both pipes are opened at the same time, how long (in hours, rounded off to one decimal place) will it take to fill the tank?

- Ans
- 1. 5 hours
  - 2. 2.5 hours
  - 3. 3.4 hours
  - 4. 4 hours

Q.16 Jitesh and Kamal can complete a certain piece of work in 18 and 17 days, respectively. They started to work together, and after 5 days, Kamal left. In how many days will Jitesh complete the remaining work?

- Ans
- 1.  $\frac{2360}{308}$
  - 2.  $\frac{2355}{307}$
  - 3.  $\frac{2361}{306}$
  - 4.  $\frac{2358}{306}$

Q.17 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 128. Find the average of the remaining two numbers?

- Ans
- 1. 188.5
  - 2. 203
  - 3. 204
  - 4. 189.5

Q.18 The sum of 8 numbers is 684. Find their average.

- Ans
- 1. 83.5
  - 2. 86.5
  - 3. 85.5
  - 4. 84.5

Q.19 Evaluate:

$$\sqrt{\left(42 + \sqrt{\left(40 + \sqrt{\left(74 + \sqrt{\left(42 + \sqrt{(49)}\right)}\right)}\right)}\right)}$$

- Ans
- 1. 7
  - 2. 9
  - 3. 5
  - 4. 6

Q.20 The population of a town increases by 16% each year. If the population at the beginning of this year is 18,750, what will the population be at the end of next year?

- Ans
- 1. 25,230
  - 2. 19,230
  - 3. 21,750
  - 4. 24,750

Q.21 The marked price of a book is ₹2,400. A bookseller gives a discount of 15% on it. What will be the cost price (in ₹) of the book if he still earns a 20% profit?

- Ans
- 1. 1,500
  - 2. 1,600
  - 3. 1,700
  - 4. 1,800

Q.22 Find the compound interest on ₹20,000 at 20% p.a for  $1\frac{1}{2}$  years compounded half-yearly.

- Ans
- 1. ₹6,620
  - 2. ₹7,620
  - 3. ₹5,620
  - 4. ₹4,620

Q.23 In  $\triangle LMN$ , medians  $MX$  and  $NY$  are perpendicular to each other and intersect at  $Z$ . If  $MX = 20$  cm and  $NY = 30$  cm, what is the area of  $\triangle LMN$  (in  $\text{cm}^2$ )?

- Ans
- 1. 300
  - 2. 400
  - 3. 450
  - 4. 200

Q.24 Arun buys an old car for ₹4,75,000 and spends ₹80,000 on its repairs. If he sells the car for ₹5,85,000, find his gain percentage. (Rounded up to two decimal places)

- Ans
- 1. 5.41%
  - 2. 30.25%
  - 3. 5.13%
  - 4. 6.32%

Q.25 Safia calculated his loss percent as  $14\frac{2}{7}\%$  on cost price. The ratio of selling price to cost price will be:

- Ans
- 1. 7 : 6
  - 2. 6 : 7
  - 3. 1 : 7
  - 4. 7 : 1

Q.26 A man riding on a bicycle at a speed of 93 km/h crosses a bridge in 36 minutes. Find the length of the bridge?

- Ans
- 1. 46.9 km
  - 2. 50.5 km
  - 3. 46.4 km
  - 4. 55.8 km

Q.27 How many seconds will a boy take to run one complete round around a square field of side 55 metres, if he runs at a speed of 18 km/h?

- Ans
- 1. 37
  - 2. 47
  - 3. 44
  - 4. 35

Q.28 A cuboid has dimensions of length 10 cm, width 5 cm and height 8 cm. A cube with side length 5 cm is cut out from one of the faces of the cuboid. What is the remaining volume of the cuboid?

- Ans
- 1.  $225 \text{ cm}^3$
  - 2.  $200 \text{ cm}^3$
  - 3.  $275 \text{ cm}^3$
  - 4.  $250 \text{ cm}^3$

Q.29 In a race, an athlete covers a distance of 312 m in 104 sec in the first lap. He covers the second lap of the same length in 52 sec. What is the average speed (in m/sec) of the athlete?

- Ans
- 1. 10
  - 2. 12
  - 3. 8
  - 4. 4

Q.30 Evaluate:  $2 \times \{17 - 2 \times (9 - 6)\}$

- Ans
- 1. 19
  - 2. 21
  - 3. 22
  - 4. 26

Q.31 The average of first 120 odd natural numbers, is:

- Ans
- 1. 120
  - 2. 119.5
  - 3. 120.5
  - 4. 121

Q.32 Evaluate:  $2 \times \{17 - 2 \times (10 - 6)\}$

- Ans
- 1. 22
  - 2. 18
  - 3. 17
  - 4. 15

Q.33 If the radius of a cylinder is doubled and the height is halved, then the volume change will be:

- Ans
- 1. 75% decrease
  - 2. 50% decrease
  - 3. 100% increase
  - 4. 50% increase

Q.34 If the radius of the base of a right circular cylinder is decreased by 27% and its height is increased by 237%, then what is the percentage increase (closest integer) in its volume?

- Ans
- 1. 80%
  - 2. 97%
  - 3. 95%
  - 4. 87%

Q.35 The sum of five numbers is 655. The average of the first two numbers is 76 and the third number is 106. Find the average of the remaining two numbers?

- Ans
- 1. 183
  - 2. 199.5
  - 3. 198.5
  - 4. 182

Section : General Intelligence and Reasoning

Q.36 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. PR - UW
  - 2. DF - HJ
  - 3. HJ - LN
  - 4. LN - PR

Q.37 AD32 is related to EH16 in a certain way. In the same way, MT40 is related to QX20. To which of the following is KN62 related, following the same logic?

- Ans
- 1. OR31
  - 2. OR30
  - 3. OS31
  - 4. OS30

Q.38 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?  
 $15 - 5 + 18 \times 6 \div 3 = ?$

- Ans
- 1. 16
  - 2. 29
  - 3. 1
  - 4. 11

**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 conclusion(s) logically follow(s) from the statements.

**Statements:**

All doors are walls.  
All walls are floors.

**Conclusions:**

(I) All floors are walls.  
(II) Some floors are doors.

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

**Q.40** In a certain code language, 'FAKE' is coded as '4286' and 'KIDS' is coded as '3879'. What is the code for 'K' in the given code language?

- Ans**
- 1. 8
  - 2. 6
  - 3. 3
  - 4. 7

**Q.41** What should come in place of the question mark (?) in the given series?

133 108 85 64 45 ?

- Ans**
- 1. 24
  - 2. 36
  - 3. 28
  - 4. 32

**Q.42** In a certain code language,  
A : B means 'A is the father of B'  
A + B means 'A is the wife of B'  
A < B means 'A is the sister of B'  
A > B means 'A is the son of B'  
Based on the above, how is F related to K if 'F + R > A : N < K'?

- Ans**
- 1. Brother's wife
  - 2. Brother's sister
  - 3. Brother's brother
  - 4. Brother's mother

**Q.43** In a row of 54 students facing North, Karma is 12<sup>th</sup> from the left end. If Namgyal is 21<sup>st</sup> to the right of Karma, what is Namgyal's position from the right end of the line?

- Ans**
- 1. 21<sup>st</sup>
  - 2. 24<sup>th</sup>
  - 3. 23<sup>rd</sup>
  - 4. 22<sup>nd</sup>

**Q.44** Varun starts from Point A and drives 37 km towards the north. He then takes a right turn, drives 39 km, turns right and drives 40 km. He then takes a right turn and drives 45 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. 5 km to the east
  - 2. 6 km to the east
  - 3. 6 km to the west
  - 4. 5 km to the west



Q.45 What will come in the place of '?' in the following equation, if 'x' and '÷' are interchanged and '-' and '+' are interchanged?  
 $12 \div 25 + 15 \times 3 - 44 = ?$

- Ans
- 1. 369
  - 2. 339
  - 3. 399
  - 4. 429

Q.46 Each of L, M, N, O, P, Q and R has an exam on a different day of the week starting from Monday and ending on Sunday of the same week. O has an exam immediately after Q. M has an exam immediately after O and on Wednesday. Only two people have an exam between L and R. N does not have an exam immediately before R. P has an exam immediately after N. When does N have an exam?

- Ans
- 1. Sunday
  - 2. Wednesday
  - 3. Tuesday
  - 4. Friday

Q.47 What should come in place of '?' in the given series based on the English alphabetical order?

MRW, TUY, AXA, ?, ODE

- Ans
- 1. HZC
  - 2. HAD
  - 3. HZD
  - 4. HAC

Q.48 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.

LHE : KDF  
KGM : JCN

- Ans
- 1. FQN : EMP
  - 2. HOL : GLM
  - 3. GTF : FPG
  - 4. CPI : BKJ

Q.49 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

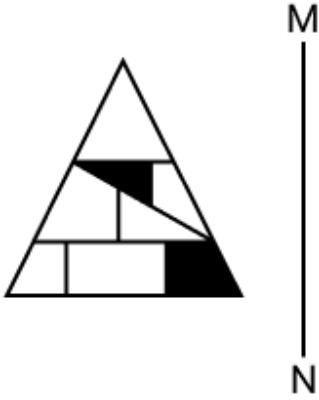
All bowls are glasses.  
All glasses are plates.  
Some bowls are spoons.

Conclusions:

(I) Some plates are bowls.  
(II) All glasses are spoons.

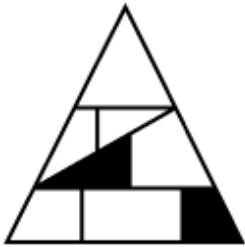
- Ans
- 1. Only conclusion (II) follows.
  - 2. Only conclusion (I) follows.
  - 3. Both conclusions (I) and (II) follow.
  - 4. Neither conclusion (I) nor (II) follows.

Q.50 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

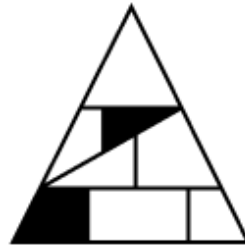


Ans

X 1.



✓ 2.



X 3.



X 4.



Q.51 In a certain code language, 'RUTP' is coded as '2593' and 'TEPR' is coded as '9563'. What is the code for 'E' in the given code language?

Ans X 1. 5

✓ 2. 6

X 3. 3

X 4. 9

Q.52 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

RCM 15, WHH 25, BMC 35, GRX 45, ?

Ans X 1. MWC 53

X 2. LWC 53

X 3. MWR 55

✓ 4. LWS 55

Q.53 Hitesh starts from Point A and drives 6 km towards North. He then takes a right turn, drives 7 km, turns right and drives 9 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 degrees turns only unless specified)

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

Q.54 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HDX 7, MIC 16, RNH 34, WSM 70, BXR 142, ?

- Ans
- 1. HCW 286
  - 2. GCW 286
  - 3. GCW 268
  - 4. GCL 286

Q.55 What should come in place of the question mark (?) in the given series?

7 10 13 22 25 ?

- Ans
- 1. 46
  - 2. 42
  - 3. 48
  - 4. 54

Q.56 This question is based on the five, three-digit numbers given below.

(Left) 842 234 371 723 463 (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. 6
  - 2. 4
  - 3. 5
  - 4. 7

Q.57 SQUX is related to XVZC in a certain way based on the English alphabetical order. In the same way, YWAD is related to DBFI. To which of the given options is KIMP related, following the same logic?

- Ans
- 1. PNRU
  - 2. POQU
  - 3. PNQU
  - 4. PMQU

Q.58 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

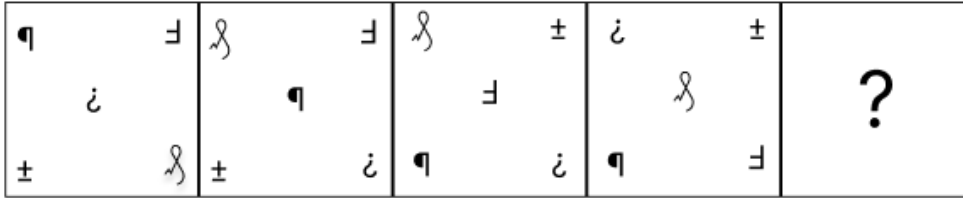
- Ans
- 1. TYO
  - 2. AFK
  - 3. RWB
  - 4. MRW

Q.59 What should come in place of '?' in the given series?

96 102 114 132 ? 186

- Ans
- 1. 146
  - 2. 166
  - 3. 176
  - 4. 156

Q.60 Select the figure from among the given options that can replace the question mark (?) to logically complete the following series.



Ans

- 1.
- 2.
- 3.
- 4.

Q.61 Seven friends, Q, R, S, T, W, X and Y, are sitting around a circular table facing the centre of the table. T sits third to the left of S. Only one person sits between S and Q when counted from the left of Q. Only two people sit between X and W when counted from the right of W. R is an immediate neighbour of X. How many people sit between Y and T when counted from the right of Y?

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

Q.62 In a certain code language,  
 $A \times B$  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',  
 $A = B$  means 'A is the father of B'.

Based on the above, how is T related to K if ' $T \times D - S + W = K$ '?

- Ans
- 1. Mother's sister
  - 2. Mother's mother
  - 3. Mother
  - 4. Sister

Q.63 This question is based on the five, three-digit numbers given below.

(Left) 721 145 342 372 547 (Right)

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

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

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

Q.64 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 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.)

11 - 12 - 23  
 4 - 45 - 49

- Ans
- 1. 34 - 6 - 43
  - 2. 68 - 12 - 80
  - 3. 5 - 23 - 38
  - 4. 56 - 50 - 123

Q.65 In a certain code language, 'CORE' is coded as '6732' and 'ROCK' is coded as '7625'. What is the code for 'K' in the given code language?

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

Q.66 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. No one sits to the right of B. Only three people sit between B and G. Only two people sit between G and D. E sits third to the left of F. C sits to the immediate right of F. How many people sit to the left of G?

- Ans
- 1. 1
  - 2. 4
  - 3. 2
  - 4. 3

Q.67 What will come in the place of the question mark (?) in the following equation if '9' and '3' are interchanged?

$$2 - 3 \div 9 \times 6 + 5 = ?$$

- Ans
- 1. - 9
  - 2. 5
  - 3. 13/3
  - 4. - 11

Q.68 Refer to the following series and answer the question (all numbers are single digit numbers only).  
(Left) 6 2 1 3 7 6 9 7 4 3 5 2 3 4 3 4 2 3 1 5 7 9 5 8 5 7 5 (Right)  
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?

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

Q.69 D, E, F, P, Q, and R are sitting in a row facing north. Only R sits to the right of P. Only one person sits between P and Q. Only one person sits to the left of F. E is not an immediate neighbour of Q. How many people sit between E and D?

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

Q.70 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 pears are candles.

All drillers are candles.

Conclusions:

(I): Some pears are drillers.

(II): All candles are drillers.

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

#### Section : General Awareness

Q.71 Which of the following is NOT the provision of the Government of India Act, 1858?

- Ans
- 1. Law Member was made a full member of the Executive Council of the Governor General.
  - 2. Board of Control and Court of Directors were abolished.
  - 3. Armed forces of the company were transferred to the Crown.
  - 4. The 'Governor General of India' designation was changed to the 'Viceroy of India'.

Q.72 Who was elected as the Chairperson of the 77<sup>th</sup> session of the WHO South East Asia Regional Committee held in New Delhi from 7 to 9 October 2024?

- Ans
- 1. Amit Shah
  - 2. Subrahmanyam Jaishankar
  - 3. Jagat Prakash Nadda
  - 4. Piyush Goyal

Q.73 According to Securities and Exchange Board of India, how many unique mutual fund (MF) investors were there in India, as of June 2024?

- Ans
- 1. 2.2 crore
  - 2. 9.6 crore
  - 3. 4.7 crore
  - 4. 3.6 crore

Q.74 Which sector contributed the most to India's GDP in 1947?

- Ans
- 1. Manufacturing
  - 2. Mining
  - 3. Services
  - 4. Agriculture

Q.75 The force acting on a charged particle in an external magnetic field does NOT depend on which of the following factors?

- Ans
- 1. Velocity of the particle
  - 2. Charge of the particle
  - 3. Magnitude of the magnetic field
  - 4. Mass of the particle

Q.76 Where was the Commonwealth Heads of Government Meeting (CHOGM) 2024 held?

- Ans
- 1. Wellington, New Zealand
  - 2. Port Moresby, Papua New Guinea
  - 3. Apia, Samoa
  - 4. Suva, Fiji

Q.77 Who among the following started the Bhoodan Movement in April 1951 with the aim of bringing about fundamental social and economic changes in the society through peaceful means?

- Ans
- 1. Sarvepalli Radhakrishnan
  - 2. Acharya Vinoba Bhave
  - 3. Vallabhbhai Patel
  - 4. Vinayak Damodar Savarkar

Q.78 India's HDI value for 2022 put the country in the \_\_\_\_\_ human development category—positioning it at 134 out of 193 countries and territories.

- Ans
- 1. Lower
  - 2. Average
  - 3. Higher
  - 4. Medium

Q.79 Which of the following Harappan trading ports is found in Afghanistan?

- Ans
- 1. Padri
  - 2. Rangpur
  - 3. Alamgirpur
  - 4. Shortugai

Q.80 Who presides over the meetings of the Council of Ministers?

- Ans
- 1. President of India
  - 2. Vice President of India
  - 3. Prime Minister
  - 4. Speaker of the Lok Sabha

Q.81 Religious saint-poets between the 13<sup>th</sup> to 17<sup>th</sup> centuries, Dnyaneshwar, Namdev, Eknath and Tukaram, belonged to which Indian state?

- Ans
- 1. Tamil Nadu
  - 2. Kerala
  - 3. Gujarat
  - 4. Maharashtra

Q.82 When did Sir Syed Ahmed Khan found the Scientific Society to translate English books on science and other subjects into Urdu?

- Ans
- 1. 1852
  - 2. 1872
  - 3. 1882
  - 4. 1864

Q.83 In State of UP v/s M/S Lalta Prasad Vaish case in October 2024, a nine-judge constitution bench of the Supreme Court held which of the following decisions by 8 : 1 majority?

- Ans
- 1. State government can abolish Article 370.
  - 2. States have the power to regulate petroleum products.
  - 3. States have the power to regulate 'denatured spirit or industrial alcohol'.
  - 4. Only cabinet ministers of Centre have the power to regulate 'denatured spirit or industrial alcohol'.

Q.84 In which state are 'Burnpur' and 'Durgapur' Iron and Steel Plants located?

- Ans
- 1. Jharkhand
  - 2. Karnataka
  - 3. West Bengal
  - 4. Odisha

Q.85 At which of the following places in Bihar did Prime Minister Narendra Modi lay the foundation stone of AIIMS to boost health infrastructure on 13 November 2024?

- Ans
- 1. Darbhanga
  - 2. Nalanda
  - 3. Patna
  - 4. Muzaffarpur

Q.86 The Tehri Dam, one of the tallest dams in India, is located in which of the following states?

- Ans
- 1. Uttarakhand
  - 2. Madhya Pradesh
  - 3. Punjab
  - 4. Himachal Pradesh

Q.87 Which Constitutional amendment led to the introduction of the Goods and Services Tax (GST) in India?

- Ans
- 1. 86<sup>th</sup> Amendment
  - 2. 61<sup>st</sup> Amendment
  - 3. 101<sup>st</sup> Amendment
  - 4. 100<sup>th</sup> Amendment



Q.88 How does a dipole behave when it is placed in a uniform magnetic field?

- Ans
- 1. It experiences both a net force and torque.
  - 2. It experiences torque but no net force.
  - 3. It remains stationary with no force or torque acting on it.
  - 4. It experiences a net force but no torque.

Q.89 IIT Madras announced the launch of its first international centre for research and innovation in Dubai in November 2024. What is the significance of this development?

- Ans
- 1. It will provide a platform for technology-related startups in Dubai.
  - 2. It marks IIT Madras' expansion into the Middle East for collaborative research and innovation.
  - 3. The centre will primarily support agricultural research and innovation.
  - 4. It will focus on enhancing India's space research capabilities.

Q.90 Which of the following is the ultra-premium credit card launched by Axis Bank in partnership with Visa in August 2024 for individuals with an ultra-high net-worth in India?

- Ans
- 1. Regalia Gold
  - 2. Amex Platinum
  - 3. World Safari
  - 4. Primus

Q.91 How did globalisation impact Indian agriculture after 1991?

- Ans
- 1. Decreased crop yields
  - 2. Increased subsidies for farmers
  - 3. Enhanced competition and access to global markets
  - 4. Complete reliance on imports

Q.92 How many major capital acquisition contracts did the Ministry of Defence sign in March 2024 as part of the 'Aatmanirbharta in Defence'?

- Ans
- 1. Five
  - 2. Four
  - 3. Three
  - 4. Six

Q.93 Which financial institution announced the launch of Unified Lending Interface (ULI) on 26 August 2024?

- Ans
- 1. SIDBI
  - 2. RBI
  - 3. IFCI
  - 4. IDBI

Q.94 Which of the following statements is/are correct in the context of the Government of India Act of 1858?

- I. The Act is also called an 'Act of Good Governance.'  
II. The power to control the Indian Territory was vested in the Queen.

- Ans
- 1. Neither I nor II
  - 2. Only II
  - 3. Only I
  - 4. Both I and II

**Q.95** Which of the following languages were added to the Eighth Schedule of the Indian Constitution by the 71<sup>st</sup> Amendment Act?

- Ans**
- 1. Bengali, Telugu, and Malayalam
  - 2. Assamese, Gujarati, and Punjabi
  - 3. Marathi, Urdu, and Tamil
  - 4. Manipuri, Konkani, and Nepali

**Q.96** In Tamil Nadu, which day of Pongal is celebrated as Kaanum Pongal?

- Ans**
- 1. Second
  - 2. Fourth
  - 3. First
  - 4. Third

**Q.97** Which Constitutional Amendment allows the same person to be appointed as the Governor of two or more states?

- Ans**
- 1. 7<sup>th</sup> Amendment
  - 2. 44<sup>th</sup> Amendment act
  - 3. 5<sup>th</sup> Amendment
  - 4. 42<sup>nd</sup> Amendment

**Q.98** Which of the following is FALSE?

- Ans**
- 1. Simple microscope is also known as magnifying glass.
  - 2. A ray of light passing through the optical centre of a lens, after refraction from a convex lens, will emerge parallel to the principal axis.
  - 3. Magnification produced by a lens is related to the object-distance and the image-distance.
  - 4. Refractive index of a medium is constant.

**Q.99** Water drops shine on a lotus leaf due to:

- Ans**
- 1. total internal reflection
  - 2. refraction
  - 3. reflection
  - 4. diffraction

**Q.100** Nagar Haveli lies on the border of which two states of India?

- Ans**
- 1. Karnataka and Gujarat
  - 2. Gujarat and Maharashtra
  - 3. Maharashtra and Andhra Pradesh
  - 4. Maharashtra and Karnataka

**Q.101** Who wrote the book 'The Indian War of Independence' related to Indian nationalist history of the 1857 revolt?

- Ans**
- 1. Sardar Patel
  - 2. Subhash Chandra Bose
  - 3. V D Savarkar
  - 4. Bhagat Singh

**Q.102** In which of the following countries, did Adani Defence & Aerospace sign a cooperation agreement with EDGE Group in June 2024, to establish a global platform leveraging the defence and aerospace capabilities?

- Ans**
- 1. United Arab Emirates
  - 2. Germany
  - 3. United States of America
  - 4. Russia

Q.103 Kosi is a tributary of which river?

- Ans
- 1. Yamuna
  - 2. Brahmaputra
  - 3. Mahanadi
  - 4. Ganga

Q.104 The Vindhyan range is bounded by which range on the south?

- Ans
- 1. Satpura
  - 2. Kaimur
  - 3. Aravalli
  - 4. Rajmahal

Q.105 Which island in the Arabian Sea is the largest in the Lakshadweep group?

- Ans
- 1. Amini
  - 2. Kavaratti
  - 3. Agatti
  - 4. Minicoy

Q.106 In which of the following states is the Namchik-Namphuk coalfield located?

- Ans
- 1. Meghalaya
  - 2. West Bengal
  - 3. Jharkhand
  - 4. Arunachal Pradesh

Q.107 Who became the emperor of Delhi in 1414 AD?

- Ans
- 1. Razia Sultana
  - 2. Khizr Khan
  - 3. Ala-ud-din Khilji
  - 4. Bahlul Khan

Q.108 \_\_\_\_\_ played the dual role of an organiser and player in the HSBC India Legends golf championship held at the Jaypee Greens in Greater Noida from 30 August to 1 September in 2024.

- Ans
- 1. Digvijay Singh
  - 2. Jyoti Randhawa
  - 3. Amandeep Johl Singh
  - 4. Jeev Milkha Singh

Q.109 Which of the following freedoms is NOT part of the 'Right to Freedom' under Article 19?

- Ans
- 1. Freedom to assemble peacefully
  - 2. Freedom of conscience
  - 3. Freedom to move freely
  - 4. Freedom to form associations

Q.110 There are different interactive forces that combine to shape human development and these are \_\_\_\_\_.

1. Biological Forces
2. Psychological Forces
3. Life Cycle Forces

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

Q.111 Electricity is integral to modern life in numerous ways. What is the SI unit for measuring electric current?

- Ans
- 1. Volt
  - 2. Ampere
  - 3. Tesla
  - 4. Coulomb

Q.112 The economic reforms of 1991 aimed to transform India into which of the following types of economy?

- Ans
- 1. A closed economy
  - 2. A global and competitive economy
  - 3. A socialist economy
  - 4. A self-sufficient economy

Q.113 In January 2024, the Reserve Bank of India (RBI) imposed restrictions on which of the following payment methods/banks?

- Ans
- 1. Airtel Payments Bank
  - 2. GPay
  - 3. Paytm Payments Bank
  - 4. Rupay

Q.114 In August 2024, HDFC Bank introduced GIGA, a new suite of financial products and services specifically designed for:

- Ans
- 1. non-corporate employees
  - 2. small and marginal farmers
  - 3. meritorious students
  - 4. gig workers and freelancers

Q.115 \_\_\_\_\_ determines the number of the members of State Public Service Commissions.

- Ans
- 1. The Governor
  - 2. The President
  - 3. The State Legislative Assembly
  - 4. The Chief Minister of the State

Q.116 In 2024, India developed a new integrated web portal called ERNET. Who are the target users of ERNET?

- Ans
- 1. Artists
  - 2. Defence personnel
  - 3. Exporters
  - 4. Education institutions

Q.117 Which Amendment introduced the Anti-Defection Law in the Indian Constitution, aiming to prevent elected members from switching parties?

- Ans
- 1. 61<sup>st</sup> Amendment
  - 2. 42<sup>nd</sup> Amendment
  - 3. 44<sup>th</sup> Amendment
  - 4. 52<sup>nd</sup> Amendment

Q.118 As of October 2024, which of the following is the longest National Highway in India?

- Ans
- 1. National Highway 14
  - 2. National Highway 44
  - 3. National Highway 24
  - 4. National Highway 34

Q.119 After the revolt of 1857, the title of 'Empress of India' was given to the Queen of England in:

- Ans
- 1. 1887
  - 2. 1857
  - 3. 1877
  - 4. 1861

Q.120 The Hindu scripture, the Srimad Bhagavad Gita, which is believed to be narrated by Lord Krishna to Arjun during the Mahabharata war between the Pandavas and Kauravas, is composed in how many chapters?

- Ans
- 1. 18
  - 2. 21
  - 3. 15
  - 4. 16