रेल भर्ती बोर्ड / **RAILWAY RECRUITMENT BOARDS**

सी ई एन आर पी एफ - ०२/२०२४ - CEN RPF - 02/2024

Exam Date	18/03/2025
Centre Name	iON Digital Zone iDZ Old Alwal
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 The average of first 139 even numbers is

Ans
❌ 1. 139.5

✅ 2. 140

❌ 3. 140.5

❌ 4. 141

Q.2 The sides of a triangle are 7 cm, 24 cm, and 25 cm. What is the area of this triangle?

Ans
❌ 1. 70 cm^2

✅ 2. 84 cm^2

❌ 3. 96 cm^2

❌ 4. 50 cm^2

Q.3 A metallic cube of side 12 cm is cut into 8 equal solid cubes of equal volume. Find the ratio between the surface areas of a cube with a larger edge to a smaller edge.

Ans
❌ 1. 3 : 1

❌ 2. 2 : 5

❌ 3. 1 : 2

✅ 4. 4 : 1

Q.4 7 men can complete a piece of work in 6 days while 4 women can do it in 14 days. In how many days can 2 women and 2 men complete it?

Ans
❌ 1. 9 days

❌ 2. 14 days

✅ 3. 12 days

❌ 4. 17 days

Q.5 Find the total surface area of a right circular cone, if the height and radius of the cone are 63 cm and 16 cm, respectively.

Ans
❌ 1. 1269π cm^2

❌ 2. 1962π cm^2

✅ 3. 1296π cm^2

❌ 4. 1692π cm^2

Q.6 A sum, when invested at 10% simple interest per annum, amounts to ₹3360 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 2 years?

Ans ✗ 1. 1120

✗ 2. 2240

✔ 3. 560

✗ 4. 280

Q.7 A train overtakes two persons walking along a railway track. The first one walks at 7.2 km/h. The other one walks at 12.6 km/h. The train needs 6.6 and 13.2 seconds respectively to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

Ans ✗ 1. 27 km/h

✔ 2. 18 km/h

✗ 3. 20 km/h

✗ 4. 26 km/h

Q.8 A 629 m long train crosses a man walking at a speed of 10.4 km/h in the opposite direction in 12 seconds. What is the speed (in km/h) of the train?

Ans ✗ 1. 183.1

✔ 2. 178.3

✗ 3. 176.6

✗ 4. 177.4

Q.9 1% of 95% of a number is what percentage of that number?

Ans ✗ 1. 0.095

✔ 2. 0.95

✗ 3. 96

✗ 4. 95

Q.10 The selling price of a dozen bananas is equal to the cost price of 20 bananas. The percentage of profit is _____.

Ans ✗ 1. 60%

✗ 2. 50%

✔ 3. $66\frac{2}{3}\%$

✗ 4. $33\frac{1}{3}\%$

Q.11 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 119. Find the average of the remaining two numbers?

Ans ✗ 1. 196

✗ 2. 194

✔ 3. 193

✗ 4. 195

Q.12 What is the interest amount for ₹40,000 at the rate of 10% per annum compounded half yearly for 1.5 years?

Ans ✗ 1. ₹6,325

✗ 2. ₹6,315

✔ 3. ₹6,305

✗ 4. ₹6,335

Q.13 Ravi sold an article to Mahesh at 15% profit and Mahesh sold it to Ashutosh at 10% loss. If Ashutosh paid ₹2,691 to Mahesh, then find the cost price of the article paid by Ravi.

Ans
- ✗ 1. ₹2,550
- ✗ 2. ₹2,635
- ✗ 3. ₹2,598
- ✔ 4. ₹2,600

Q.14 The cost of a television set rose from ₹16,000 to ₹19,200. Find the percentage increase.

Ans
- ✗ 1. 22.67%
- ✗ 2. 16.67%
- ✗ 3. 24%
- ✔ 4. 20%

Q.15 John and Mike can complete a piece of work in 10 hours and 15 hours, respectively. How long will it take for them to complete the work together?

Ans
- ✗ 1. 5 hours
- ✗ 2. 8 hours
- ✗ 3. 6.2 hours
- ✔ 4. 6 hours

Q.16 The monthly incomes of two friends Gopal and Akshay, are in the ratio 5 : 7 respectively and each of them saves ₹93000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Gopal(in ₹).

Ans
- ✗ 1. 154000
- ✗ 2. 156000
- ✗ 3. 217000
- ✔ 4. 155000

Q.17

Find the value of $\left[\left(\dfrac{9}{6}\right)^{-9} \times \left(\dfrac{6}{9}\right)^{-6} \times \left(\dfrac{1}{4}\right)^{-3} \right]^{-9}$

Ans
- ✗ 1. $\left(\dfrac{11}{24}\right)^{26}$
- ✗ 2. $\left(\dfrac{9}{34}\right)^{27}$
- ✔ 3. $\left(\dfrac{9}{24}\right)^{27}$
- ✗ 4. $\left(\dfrac{24}{9}\right)^{29}$

Q.18 Find the greatest number of four digits which is divisible by 10, 20, 40 and 75.

Ans
- ✗ 1. 9400
- ✔ 2. 9600
- ✗ 3. 9999
- ✗ 4. 9500

Q.19 The average of the marks of 15 students in a class is 42. If the marks of each student are doubled, find the new average?

Ans ✗ 1. 30

✗ 2. 42

✔ 3. 84

✗ 4. 15

Q.20 Find the value of $\dfrac{16}{23} + \dfrac{11}{46} - \dfrac{15}{23} + \dfrac{17}{46} - \dfrac{9}{23}$.

Ans ✔ 1. $\dfrac{6}{23}$

✗ 2. $\dfrac{7}{23}$

✗ 3. $\dfrac{4}{23}$

✗ 4. $\dfrac{5}{23}$

Q.21 The value of
$$\sqrt{169} + \sqrt{0.0289} - \sqrt{4.41} =$$

Ans ✗ 1. 1.96

✗ 2. 6.36

✔ 3. 11.07

✗ 4. 3.43

Q.22 A bike goes 94 meters in a second. Find its speed in km/hr.

Ans ✗ 1. 333.1

✗ 2. 333.7

✔ 3. 338.4

✗ 4. 347.9

Q.23 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 109. Find the average of the remaining two numbers?

Ans ✗ 1. 199

✔ 2. 198

✗ 3. 184

✗ 4. 185

Q.24 Simplify the following.

$$\dfrac{4}{5} + \left(1056 \times \dfrac{6}{96 \times 5}\right)$$

Ans ✗ 1. 13

✗ 2. 16

✗ 3. 15

✔ 4. 14

Q.25 Evaluate: 2 × {17 - 3 × (9 -4)}

Ans ✗ 1. 3

✔ 2. 4

✗ 3. 1

✗ 4. 8

Q.26 Find the value of (8K^2 − 5K) for which the number 25K583 is divisible by 11.

Ans

2. 48

3. 62

4. 52

Q.27 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 130. Find the average of the remaining two numbers?

Ans
1. 185.5

2. 186.5

3. 208

4. 207

Q.28 An electric pump can fill a tank in 5 hours. Due to a leakage in the tank, it takes $6\frac{1}{4}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

Ans
1. 25 hrs

2. 33 hrs

3. 11 hrs

4. 43 hrs

Q.29 Find the LCM of 0.24, 0.36 and 0.48.

Ans
1. 1.20

2. 1.80

3. 1.96

4. 1.44

Q.30 In a race, an athlete covers a distance of 360 m in 120 sec in the first lap. He covers the second lap of the same length in 60 sec. What is the average speed (in m/sec) of the athlete?

Ans
1. 14

2. 2

3. 7

4. 4

Q.31 An amount of ₹858 is divided among three persons in the ratio of 9 : 8 : 13. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans
1. 233

2. 173

3. 237

4. 143

Q.32 Three partners invested in a business in the ratio 6:1:5. They invested their capitals for 7 months, 10 months and 8 months, respectively. What was the ratio of their profits?

Ans
1. 21:5:20

2. 23:5:20

3. 20:5:20

4. 19:5:20

Q.33 The compound interest on a certain sum of money for two years at 8% per annum is ₹312. What is the principal amount (in ₹)?

Ans
1. 1,855

2. 1,800

3. 1,875

4. 1,750

Q.34 With a discount of 10% on the marked price, on selling an item, 20% profit is earned. What should be the percentage discount on the marked price to earn 10% profit?

Ans   ✗ 1. 15%

     ✓ 2. 17.5%

     ✗ 3. 18.5%

     ✗ 4. 20%

Q.35 A retailer purchases a batch of electronics at a marked price of ₹20,000. The supplier offers a trade discount of 15% and an additional scheme discount of 5% on the price after the trade discount. What is the effective price the retailer pays after both discounts?

Ans   ✗ 1. ₹18,150

     ✗ 2. ₹17,750

     ✓ 3. ₹16,150

     ✗ 4. ₹16,450

Section : General Intelligence and Reasoning

Q.36 Christian starts from Point A and drives 12 km towards east. He then takes a left turn, drives 7 km, turns left and drives 13 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 1 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. 4 km to the north

     ✓ 2. 3 km to the north

     ✗ 3. 2 km to the north

     ✗ 4. 1 km to the north

Q.37 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 fans are mirrors.
All fans are slippers.

Conclusions:
(I) : Some mirrors are slippers.
(II) : All slippers are fans.

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

     ✗ 2. Both conclusions (I) and (II) follow

     ✗ 3. Only conclusion (II) follows

     ✓ 4. Only conclusion (I) follows

Q.38 Each of D, E, F, H, I, J and K has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has the exam before F. Only three people have the exam between F and E. Only one person has the exam between E and K. I has the exam on Wednesday. J has the exam on one of the days after H but on one of the days before D. On which day of the week does J have the exam?

Ans   ✗ 1. Tuesday

     ✓ 2. Thursday

     ✗ 3. Saturday

     ✗ 4. Friday

Q.39 Seven friends S, A, P, W, E, T, and Z are sitting around a circular table facing the centre.
E is sitting immediately between A and P. T is sitting to the immediate left of P and right
of S. W is sitting third to the right of E. Who is sitting to the immediate right of Z?

Ans
  ✗ 1. E

  ✗ 2. A

  ✗ 3. T

  ✔ 4. W

Q.40 WQKE is related to UOIC in a certain way based on the English alphabetical order. In the
same way, TNHC is related to RLFA. To which of the following is VPJD related, following
the same logic?

Ans
  ✔ 1. TNHB

  ✗ 2. SMAG

  ✗ 3. BJPV

  ✗ 4. SMGA

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

15 28 50 81 121 ?

Ans
  ✔ 1. 170

  ✗ 2. 169

  ✗ 3. 166

  ✗ 4. 196

Q.42 This question is based on the five, three-digit numbers given below.

(Left) 325 486 751 259 654 (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 second digit of the second highest number is added to
the third digit of the lowest number?
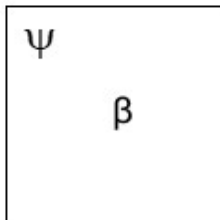
Ans
  ✗ 1. 11

  ✗ 2. 13

  ✗ 3. 15

  ✔ 4. 14

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

Ψ β	β Ψ	β Ψ β	Ψ 	**?**

Ans

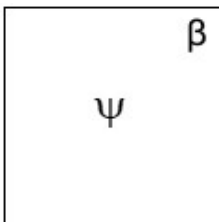✔ 1.
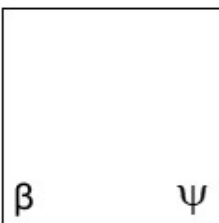

Ψ
β

✘ 2.

Ψ   β

✘ 3.

β
Ψ

✘ 4.

β   Ψ
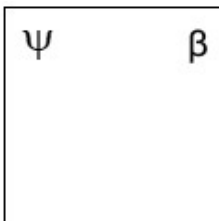
Q.44 In a certain code language, 'experience the moment' is coded as 'ot km cz' and 'the pen broke' is coded as 'jb cz mo'. How is 'the' coded in the given language?

Ans ✔ 1. cz

✘ 2. km

✘ 3. mo

✘ 4. ot

Q.45 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

BD_A F_GE _LKI NP_M R_SQ

Ans ✘ 1. CGJOT

✘ 2. EHJOT

✘ 3. CHIOT

✔ 4. CHJOT

Q.46 Each letter in the word STYLISH is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will be third from the right in the letter-cluster thus formed?

Ans

  ✗ 1. R

  ✗ 2. X

  ✗ 3. H

  ✓ 4. K

Q.47 In a certain code language, 'CLUE' is coded as '9658' and 'GLUE' is coded as '8769'. What is the code for 'G' in the given code language?

Ans

  ✗ 1. 8

  ✗ 2. 5

  ✗ 3. 9

  ✓ 4. 7

Q.48 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. GKE

  ✗ 2. PTO

  ✗ 3. MQL

  ✗ 4. JNI

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 conclusions logically follow(s) from the statements.
Statements:
All dolls are toys.
All toys are pink.
No pink is white.
Conclusions:
I) Some toys are white.
II) Some toys are doll.
III) Some dolls are white.

Ans

  ✗ 1. Only I

  ✓ 2. Only II

  ✗ 3. Only I and III

  ✗ 4. Only III

Q.50 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

QSV NPS KMP HJM ?

Ans

  ✗ 1. EHI

  ✓ 2. EGJ

  ✗ 3. EGI

  ✗ 4. EHJ

Q.51 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

PK-RM-TU
RM-TO-VW

Ans

  ✗ 1. NI-PK-RT

  ✗ 2. MI-PK-RT

  ✓ 3. NI-PK-RS

  ✗ 4. MI-PL-RT

Q.52 What should come in place of the question mark (?) in the given series?

87, 96, 114, 141, ?, 222

Ans   ✔️ 1. 177

   ❌ 2. 186

   ❌ 3. 168

   ❌ 4. 158

Q.53 All 32 people are standing in a row facing North. Steve is 18th from the right end while Ben is 22nd from the left end. How many people are there between Steve and Ben?

Ans   ❌ 1. 5

   ❌ 2. 7

   ❌ 3. 4

   ✔️ 4. 6

Q.54 In a certain code language, 'SLIT' is coded as '3782' and 'TILE' is coded as '8217'. What is the code for 'E' in the given code language?

Ans   ❌ 1. 7

   ❌ 2. 8

   ✔️ 3. 1

   ❌ 4. 2

Q.55 In the following expression, what will be the value after calculation if all 'a's are replaced by 4?

$7 × 5 + 1 − a × 2 + 3 ÷ 3 − a × 2$

Ans   ✔️ 1. 21

   ❌ 2. 22

   ❌ 3. 18

   ❌ 4. 20

Q.56 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) 2 & @ 8 $ 7 + 3 Ω 9 % 4 6 # 1 * £ 5 (Right)

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

Ans   ❌ 1. 6

   ❌ 2. 4

   ❌ 3. 7

   ✔️ 4. 5

Q.57 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'

'A ÷ B' means 'A is the father of B'

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

Ans   ✔️ 1. Grandmother

   ❌ 2. Mother-in-law

   ❌ 3. Daughter

   ❌ 4. Sister-in-law

Q.58 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

COIN - OICN - NIOC
SINK - INSK - KNIS

Ans ❌ 1. MOAN - OMAN - NOAM

✅ 2. RIPE - IPRE - EPIR

❌ 3. SEAK - SAEK - KAES

❌ 4. GEAR - EAGR - EARG

Q.59 Brij starts from Point A and drives 23 km towards the south. He then takes a left turn, drives 29 km, turns left and drives 28 km. He then takes a left turn and drives 34 km. He takes a final left turn, drives 5 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. 53 km to the west

❌ 3. 2 km to the east

❌ 4. 3 km to the west

Q.60 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only two people sit to the left of A. Only three people sit between A and F. Only one person sits between F and D. E sits to the immediate left of B. C is not an immediate neighbour of F. How many people sit to the right of A?

Ans ❌ 1. 4

✅ 2. 2

❌ 3. 3

❌ 4. 1

Q.61 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into 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.)

(14, 13, 28)
(17, 15, 33)

Ans ❌ 1. (12, 18, 21)

❌ 2. (18, 20, 40)

✅ 3. (10, 18, 29)

❌ 4. (15, 18, 35)

Q.62 If '+' and '−' are interchanged and '×' and '÷' are interchanged, then what will come in place of the question mark (?) in the following equation?

6 ÷ 5 + 8 × 2 − 3 = ?

Ans ✅ 1. 29

❌ 2. 25

❌ 3. 30

❌ 4. 34

Q.63 Refer to the following series and answer the question (all numbers are single digit numbers only).

(Left) 1 6 4 8 5 8 6 7 8 5 7 7 4 5 9 4 6 1 5 6 1 (Right)

How many such odd digits are there each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans
  ✗ 1. Three

  ✗ 2. One

  ✓ 3. Two

  ✗ 4. Four

Q.64 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
FEW KAB PWG USL ?

Ans
  ✓ 1. ZOQ

  ✗ 2. AOP

  ✗ 3. YPQ

  ✗ 4. ANR

Q.65 What should come in place of the question mark (?) in the given series?

127 121 109 91 67 ?

Ans
  ✗ 1. 45

  ✗ 2. 40

  ✗ 3. 34

  ✓ 4. 37

Q.66 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. GHK

  ✗ 2. MNQ

  ✗ 3. PQT

  ✓ 4. CDF

Q.67 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 son of B'
A < B means 'A is the sister of B'
Based on the above, how is E related to A if 'E = X + T : R < A'?

Ans
  ✗ 1. Sister

  ✓ 2. Brother

  ✗ 3. Father

  ✗ 4. Mother

Q.68 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 mangoes are arrows.
All kings are mangoes.

Conclusions:
(I) : Some arrows are mangoes.
(II) : All kings are arrows.

Ans ✘ 1. Only conclusion (I) follows

✔ 2. Both conclusions (I) and (II) follow

✘ 3. Only conclusion (II) follows

✘ 4. Neither conclusion (I) nor (II) follows

Q.69 If '+' and '×' are interchanged and '−' and '÷' are interchanged, then what will come in place of the question mark (?) in the following equation?

20 ÷ 5 + 4 × 6 − 2 = ?

Ans ✘ 1. 5

✔ 2. 3

✘ 3. 10

✘ 4. 7

Q.70 Identify the figure given in the options which when put in place of '?' will logically complete the series.

Ans

✘ 1.

✘ 2.

✔ 3.

✘ 4.

Section : **General Awareness**
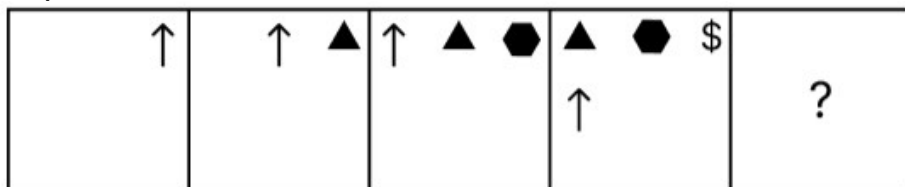
Q.71 Which Directive Principles of State Policy Article focuses on the organisation of village panchayats?

Ans ✗ 1. Article 36

✗ 2. Article 43

✓ 3. Article 40

✗ 4. Article 45

Q.72 With reference to Gram Nyayalayas, who presides over the Gram Nyayalayas and what is their official designation?

Ans ✗ 1. A District Magistrate appointed by the High Court

✓ 2. A judicial officer designated as Nyaya Adhikari, appointed by the State Government in consultation with the High Court

✗ 3. A representative from the Panchayat Samiti

✗ 4. A village representative known as Nyaya Panchayat

Q.73 As per Census of India 2011, towns with a population of over _____ are categorised as cities.

Ans ✓ 1. 1,00,000

✗ 2. 50,000

✗ 3. 20,000

✗ 4. 75,000

Q.74 The Comptroller and Auditor General of India is mentioned in which Article of the Indian Constitution?

Ans ✗ 1. Article 152

✓ 2. Article 148

✗ 3. Article 140

✗ 4. Article 145

Q.75 Which of the following was a significant problem faced by the agricultural sector in India around 1947?

Ans ✗ 1. Surplus production

✓ 2. Dependence on monsoons

✗ 3. High productivity levels

✗ 4. Modern farming techniques

Q.76 The Battle of Khanua was fought between _____.

Ans ✗ 1. Akbar and Ali Mirza

✗ 2. Babur and Ali Mirza

✗ 3. Humayun and Rana Sanga

✓ 4. Babur and Rana Sanga

Q.77 What was the ancient name of coastal Orissa?

Ans ✗ 1. Taxila

✓ 2. Kalinga

✗ 3. Kalsi

✗ 4. Topra

Q.78 Which geological event led to the formation of the Peninsular plateau?

Ans ✗ 1. Collision of tectonic plates

✗ 2. Volcanic eruptions

✓ 3. Breaking and drifting of Gondwana land

✗ 4. Glacial activity

Q.79 When was Tata Iron and Steel Company Limited (TISCO) established?

Ans ✗ 1. 1903

✗ 2. 1965

✗ 3. 1947

✓ 4. 1907

Q.80 National Highway (NH)-2, a section of the Grand Trunk Road, is a major highway in India that runs from Delhi to _____.

Ans ✓ 1. Kolkata

✗ 2. Panipat

✗ 3. Amritsar

✗ 4. Ambala

Q.81 Who among the following scientists is credited with the discovery of the element radium?

Ans ✗ 1. Dmitri Mendeleev

✓ 2. Marie Curie

✗ 3. JJ Thomson

✗ 4. Wilhelm Roentgen

Q.82 Which region of the Western Coastal Plains is known for its indented coastline with natural harbours?

Ans ✗ 1. Gujarat Coast

✗ 2. Karnataka Coast

✗ 3. Malabar Coast

✓ 4. Konkan Coast

Q.83 Which state in India was one of the first to benefit from the Green Revolution?

Ans ✗ 1. West Bengal

✗ 2. Bihar

✓ 3. Punjab

✗ 4. Kerala

Q.84 In 1997, which state was at the centre of a recommendation to impose President's Rule that President KR Narayanan sent back for reconsideration?

Ans ✗ 1. Madhya Pradesh

✗ 2. Bihar

✗ 3. Rajasthan

✓ 4. Uttar Pradesh

Q.85 Examine the dynamics of a rigid body that is either pivoted or fixed in some way. Which of the following options best describe the possible motion for such a system?

Ans ✓ 1. Only rotation

✗ 2. Combination of rotation and translation

✗ 3. Only translation

✗ 4. Linear motion

Q.86 The Reserve Bank of India (RBI) has retained the GDP growth rate of India for the financial year 2024-25 at _____.

Ans ✗ 1. 4.5%

✗ 2. 6.5%

✗ 3. 3.2%

✓ 4. 7.2%

Q.87 Which of the following is/are an example of economic infrastructure?

Ans
✅ 1. Road

❌ 2. Schools

❌ 3. Museums

❌ 4. Parks

Q.88 What trend has CPI housing (rent) inflation shown from March to August 2024, in India?

Ans
✅ 1. Increased significantly

❌ 2. Moderated sequentially

❌ 3. Fluctuated wildly

❌ 4. Remained constant

Q.89 What was the primary characteristic of the Indian economy on the eve of independence in 1947?

Ans
❌ 1. It was a highly industrialised economy with a strong manufacturing sector.

❌ 2. It had a well-developed banking and financial system.

❌ 3. It was a net exporter of industrial products.

✅ 4. It was primarily an agricultural economy with most of the population dependent on agriculture.

Q.90 Which of the following was NOT one of the reasons for the failure of the First War of Independence?

Ans
❌ 1. Superior British military technology

❌ 2. Lack of unity among the rebels

✅ 3. Strong support from foreign powers

❌ 4. Limited geographical spread of the rebellion

Q.91 In the Harappan Civilisation, sculptures in _____ are excellent examples of handling three-dimensional volumes.

Ans
❌ 1. marble

❌ 2. wood

✅ 3. stone

❌ 4. granite

Q.92 In which regions of India are the Mangrove Forests found?

Ans
❌ 1. Plateaus

❌ 2. Cold deserts

✅ 3. Deltas

❌ 4. Hot deserts

Q.93 The Opening Ceremony of MALABAR 2024, under the aegis of the Eastern Naval Command, was held onboard with which Indian Naval Ship at Visakhapatnam?

Ans
❌ 1. INS Vikrant

❌ 2. INS Shivalik

❌ 3. INS Kolkata

✅ 4. INS Satpura

Q.94 Which of the following Constitutional Amendment Acts has the land boundary agreement between India and Bangladesh?

Ans
❌ 1. 31st Constitutional Amendment Act

❌ 2. 25th Constitutional Amendment Act

❌ 3. 61st Constitutional Amendment Act

✅ 4. 100th Constitutional Amendment Act

Q.95 The Major Atmospheric Cherenkov Experiment (MACE) Observatory was inaugurated at

Ans ✗ 1. Dehradun, Uttarakhand

✗ 2. Srinagar, Jammu and Kashmir

✗ 3. Shimla, Himachal Pradesh

✓ 4. Hanle, Ladakh

Q.96 Which of the following statements best represents the mass number of an atom?

Ans ✗ 1. The average mass of all the isotopes of the element

✗ 2. The number of electrons in an atom

✓ 3. The total number of protons and neutrons in the nucleus

✗ 4. The number of protons in the nucleus

Q.97 In September 2024, the Union Government launched the upgraded 'e-Shram: One-stop solution' portal to provide access to which of the following for the unorganised Sector?

Ans ✗ 1. Women's safety at working place

✗ 2. Telemedicine services

✗ 3. Skill development programmes

✓ 4. Different social security schemes

Q.98 On which date did India's maiden solar mission Aditya-L1 reach the L1 point (Lagrange point 1) in 2024, after being launched in September 2023?

Ans ✗ 1. 25 August

✓ 2. 6 January

✗ 3. 6 February

✗ 4. 25 January

Q.99 Under which Act was the Armed Forces Tribunal (AFT) established in India?

Ans ✗ 1. Armed Forces Tribunal Act, 2009

✗ 2. Indian Armed Forces Act, 1950

✗ 3. Military Tribunal Act, 1950

✓ 4. Armed Forces Tribunal Act, 2007

Q.100 Who among the following was the British resistance at Lucknow during the Revolt of 1857?

Ans ✓ 1. Henry Lawrence

✗ 2. Colonel Oncell

✗ 3. William Taylor

✗ 4. John Nicholson

Q.101 Arjun Erigaisi climbed to which of the following positions in the global chess rankings after his victory over Alexey Sarana at the Chennai Grand Masters 2024 on 7th November 2024?

Ans ✗ 1. Fourth

✗ 2. Third

✗ 3. First

✓ 4. Second

Q.102 What does Human Development Index measure to assess development?

Ans ✗ 1. Industrial output

✗ 2. Population density

✓ 3. Education, health and income levels

✗ 4. Economic growth only

Q.103 Name the author who wrote the famous book on economics called 'Arthashastra'.

Ans
✓ 1. Kautilya

✗ 2. Bharavi

✗ 3. Kuntaka

✗ 4. Matanga Muni

Q.104 Which of the following Acts ended the company rule in India?

Ans
✗ 1. Indian Councils Act, 1861

✗ 2. Charter Act, 1853

✗ 3. Indian Councils Act, 1892

✓ 4. Government of India Act, 1858

Q.105 What was the name of the campaign unveiled by the National Payments Corporation of India (NPCI) to promote RuPay credit cards at Indian Premier League 2024?

Ans
✗ 1. RuPay – Digital Revolution

✗ 2. RuPay – Safe and Secure

✗ 3. RuPay – Simplify Payments

✓ 4. RuPay – Link it, Forget it

Q.106 In September 2024, the Government of India renamed Port Blair to _____.

Ans
✗ 1. Vijay Nagar

✗ 2. Bharat Nagar

✗ 3. Andaman Nagar

✓ 4. Sri Vijaya Puram

Q.107 Who among the following was NOT involved in the establishment of the Indian National Congress?

Ans
✗ 1. Dadabhai Naoroji

✗ 2. KT Telang

✗ 3. Justice MG Ranade

✓ 4. Bal Gangadhar Tilak

Q.108 The process of removing introns and connecting the remaining exons in a specific sequence to form a mature mRNA molecule is known as _____.

Ans
✗ 1. Capping

✓ 2. Splicing

✗ 3. Splitting

✗ 4. Tailing

Q.109 In November 2024, the Diplomatic Conference on Design Law took place in .

Ans
✗ 1. Kuwait

✓ 2. Saudi Arabia

✗ 3. Russia

✗ 4. Colombia

Q.110 How did HDFC Bank's gross non-performing assets (NPA) change from Q1 FY25 to Q2 FY25?

Ans
✗ 1. Dropped to 1.30%

✓ 2. Increased from 1.33% to 1.36%

✗ 3. Decreased from 1.36% to 1.33%

✗ 4. Remained at 1.36%

Q.111 How many holes of a Shahnai are used for playing?

Ans ✗ 1. 5

✓ 2. 7

✗ 3. 8

✗ 4. 10

Q.112 As of 1 November 2024, how many T20I centuries has Rohit Sharma scored, tying him with Glenn Maxwell for the most in this format?

Ans ✗ 1. Five

✗ 2. Seven

✓ 3. Eight

✗ 4. Three

Q.113 Rutherford's planetary model of atom is also called the _____.

Ans ✗ 1. Discreate energy orbit model of atom

✓ 2. Nuclear model of atom

✗ 3. Wave model of atom

✗ 4. Plum pudding model of atom

Q.114 Which of the following countries was the first to adopt the concept of Gross National Happiness Index?

Ans ✗ 1. India

✓ 2. Bhutan

✗ 3. Sri Lanka

✗ 4. Mauritius

Q.115 In 2024, BOBCARD LIMITED introduced the TIARA Credit Card exclusively designed for which of the following groups?

Ans ✗ 1. Business owners

✗ 2. Students

✗ 3. Senior citizens

✓ 4. Women

Q.116 At Dholavira _____ was used to build massive fortifications.

Ans ✓ 1. stone

✗ 2. mud

✗ 3. cement

✗ 4. wood

Q.117 In October 2024, which Indian IT company collaborated with NVIDIA to launch AI solutions for industry-specific use cases?

Ans ✗ 1. Infosys

✓ 2. Tata Consultancy Services

✗ 3. Wipro

✗ 4. HCL Technologies Limited

Q.118 The sand dunes in the Thar desert are primarily formed by:

Ans ✗ 1. river erosion

✗ 2. flash floods

✓ 3. wind action

✗ 4. earthquakes

Q.119 Which of the following is NOT correctly matched?
Place Leader of 1857 Revolt
I. Lucknow Begum Hazrat Mahal
II. Jhansi Rani Lakshmi Bai
III. Gwalior Tatya Tope
IV. Allahabad Kunwar Singh

Ans   ✗ 1. I and II

     ✗ 2. II and IV

     ✓ 3. Only IV

     ✗ 4. III

Q.120 Which of the following statements is/are correct in the context of the causes of failure of the 1857 Revolt?
I. No active support of Princely states.
II. Lack of effective leadership of rebels.

Ans   ✗ 1. Neither I nor II

     ✗ 2. Only II

     ✓ 3. Both I and II

     ✗ 4. Only I