रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Exam Date	07/03/2025
Centre Name	iON Digital Zone iDZ Kuberpur
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 **Find x in the following expression:**

$$5\frac{3}{7} - x = 3\frac{5}{14}$$

Ans
✗ 1. $4\frac{1}{7}$

✔ 2. $2\frac{1}{14}$

✗ 3. $5\frac{3}{7}$

✗ 4. $3\frac{2}{14}$

Q.2 **The marked price of a water cooler is ₹5,420. The shopkeeper offers an off season discount of 15% on it and an additional discount of 5% for cash payment customer. Find the cost price for a customer who pays cash payment.**

Ans
✗ 1. ₹4,390

✔ 2. ₹4,336

✗ 3. ₹4,325.38

✗ 4. ₹4,354.50

Q.3 **Aryan has to reach Ahmedabad which is 889 km away in 17 hours. His starting speed for 5 hours was 29 km/hr. For the next 96 km his speed was 24km/hr. By what speed he must travel now so as to reach Ahmedabad in decided time of 17hours?**

Ans
✗ 1. 86 km/hr

✗ 2. 85 km/hr

✗ 3. 87 km/hr

✔ 4. 81 km/hr

Q.4 Priya can do a certain piece of work in 30 days. Priya and Varsha can together do the same work in 18 days, and Priya, Varsha and Nisha can do the same work together in 9 days. In how many days can Priya and Nisha do the same work?

Ans

✗ 1. $\dfrac{52}{4}$

✓ 2. $\dfrac{45}{4}$

✗ 3. $\dfrac{51}{5}$

✗ 4. $\dfrac{40}{6}$

Q.5 A 145 m long train crosses a man walking at a speed of 9.5 km/h in the opposite direction in 30 seconds. What is the speed (in km/h) of the train ?

Ans

✗ 1. 4.4

✓ 2. 7.9

✗ 3. 6.1

✗ 4. 7.5

Q.6 If the side length of a square decreases from 7 cm to 5 cm, find the percentage decrease in its area. (Rounded off to 2 decimal places.)

Ans

✗ 1. 49.98%

✗ 2. 48.99%

✗ 3. 58.98%

✓ 4. 48.98%

Q.7 How many pairs of positive integers p, q exist such that the HCF of p, q is 37 and the sum of p and q is 1961?

Ans

✗ 1. 54

✓ 2. 26

✗ 3. 53

✗ 4. 28

Q.8 If the length of cuboid is 8 cm, breadth is 3 cm and the volume of cuboid is 3384 cm^3, then find the height of cuboid (in cm).

Ans

✗ 1. 145

✓ 2. 141

✗ 3. 148

✗ 4. 151

Q.9 The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 115. Find the average of the remaining two numbers?

Ans

✗ 1. 197

✗ 2. 194

✓ 3. 192

✗ 4. 193

Q.10 A shopkeeper buys a laptop for ₹30,000 and sells it for ₹35,000. Calculate the profit percentage (rounded off to 2 decimal places).

Ans
✗ 1. 17.67%

✗ 2. 15.67%

✓ 3. 16.67%

✗ 4. 14.67%

Q.11 Aryan takes 12 hours to mow a large lawn. He and Armaan together can mow it in 7 hours. How long will Armaan take to mow the lawn if he works alone?

Ans
✗ 1. 16 hours 45 minutes

✓ 2. 16 hours 48 minutes

✗ 3. 16 hours 40 minutes

✗ 4. 16 hours 36 minutes

Q.12 Find the value of $\left(\dfrac{1}{4}\right)^{-2} + \left(\dfrac{1}{9}\right)^{-2} + \left(\dfrac{1}{7}\right)^{-2}$.

Ans
✗ 1. 142

✓ 2. 146

✗ 3. 147

✗ 4. 141

Q.13 Evaluate: 41 - [21 - {11 - (16 - 4 ÷ 2 × 3)}]

Ans
✓ 1. 21

✗ 2. 16

✗ 3. 18

✗ 4. 23

Q.14 If 36 : y :: y : 9, find the positive value of y.

Ans
✓ 1. 18

✗ 2. 24

✗ 3. 13

✗ 4. 22

Q.15 A bus travelling at 87 km/h completes a journey in 15 hours. At what speed will it have to cover the same distance in 9 hours?

Ans
✗ 1. 143 km/h

✗ 2. 147 km/h

✓ 3. 145 km/h

✗ 4. 155 km/h

Q.16 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 108. Find the average of the remaining two numbers?

Ans
✗ 1. 184

✗ 2. 199.5

✓ 3. 198.5

✗ 4. 183

Q.17 The average of first 133 even numbers is

Ans ✔ 1. 134

✘ 2. 135

✘ 3. 134.5

✘ 4. 133.5

Q.18 The difference between compound interest, compounded annually, and simple interest on a certain sum at 10% per annum for 2 years is ₹1,060. Find the sum (in ₹).

Ans ✔ 1. 1,06,000

✘ 2. 1,06,060

✘ 3. 1,60,000

✘ 4. 1,06,600

Q.19 Pipes A and B can fill an empty cistern in 78 minutes and 39 minutes, respectively. Both Pipe A and Pipe B are opened together. After how much time should Pipe A be turned off so that the empty cistern is completely filled in a total of 25 minutes?

Ans ✔ 1. 28 min

✘ 2. 45 min

✘ 3. 38 min

✘ 4. 35 min

Q.20 If 35% of k is 20 less than 3000% of 10, then k is:

Ans ✔ 1. 800

✘ 2. 780

✘ 3. 840

✘ 4. 760

Q.21 The value of
$$\sqrt{144} + \sqrt{0.0225} - \sqrt{9} =$$

Ans ✘ 1. 3.88

✔ 2. 9.15

✘ 3. 3.44

✘ 4. 13.97

Q.22 A girl goes to school at a speed of 28 km/hr. She comes back with a speed of 21 km/hr. Find her average speed for the whole journey.

Ans ✘ 1. 21 km/h

✘ 2. 16 km/h

✔ 3. 24 km/h

✘ 4. 17 km/h

Q.23 What will be the smallest value of m such that the five-digit number 1m813 is divisible by 11?

Ans ✘ 1. 1

✘ 2. 3

✔ 3. 0

✘ 4. 2

Q.24 Find the value of p so that the expression $(15.97)^3 + 1.4373 \times p + (0.03)^3$ is a perfect cube.

Ans ✗ 1. 0.000027

✗ 2. 4096

✔ 3. 16

✗ 4. 47.91

Q.25 The sum of 8 numbers is 756. Find their average.

Ans ✗ 1. 93.5

✗ 2. 92.5

✔ 3. 94.5

✗ 4. 95.5

Q.26 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 118. Find the average of the remaining two numbers?

Ans ✗ 1. 194

✗ 2. 193

✗ 3. 194.5

✔ 4. 193.5

Q.27 Amit bought 50 pencils from a shopkeeper at a price of ₹3 per pencil, and then sold 15 pencils for ₹3.5 per pencil and the remaining at ₹2.5 per pencil. Calculate the percentage loss/profit that Amit had (rounded off to two decimal places).

Ans ✔ 1. Loss 6.67%

✗ 2. Profit 6.67%

✗ 3. Profit 3.27%

✗ 4. Loss 3.27%

Q.28 A sum, when invested at 10% simple interest per annum, amounts to ₹3600 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 2 years?

Ans ✔ 1. 600

✗ 2. 1200

✗ 3. 2400

✗ 4. 300

Q.29 The LCM of two numbers is 315. If the numbers are in the ratio 7 : 9, then the sum of the numbers is _____.

Ans ✗ 1. 90

✗ 2. 100

✔ 3. 80

✗ 4. 70

Q.30 A shopkeeper purchases a wrist watch for ₹3,800 and fixes its marked price in such a way that after allowing a discount of 24%, he earns a profit of 30%. Find the marked price of the wrist watch.

Ans ✗ 1. ₹6,550

✗ 2. ₹6,400

✗ 3. ₹6,450

✔ 4. ₹6,500

Q.31 A cylindrical rod has an outer curved surface area of 5600 cm^2. If the length of the rod is 92 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

$$Take\ \pi = \frac{22}{7}$$

Ans ✗ 1. 10.99

✓ 2. 9.68

✗ 3. 8.38

✗ 4. 12.28

Q.32 Out of the total profit of ₹15,500 in a business of A and B, A gets ₹5,500 as profit. If the investment of A is ₹67,500 less than the investment of B, then the investment of B (in ₹) is:

Ans ✗ 1. 1,25,000

✓ 2. 1,50,000

✗ 3. 1,60,000

✗ 4. 1,55,000

Q.33 Two years ago, the population of a city was 1,10,000. The population increased by 10% in the first year and decreased by 10% in the second year. Find the present population.

Ans ✗ 1. 1,08,500

✗ 2. 1,08,600

✗ 3. 1,08,800

✓ 4. 1,08,900

Q.34 In an election between two candidates 90 % of the registered voters cast their vote and 15 % of the votes polled were found invalid. Winning candidate got 51% of the valid votes and won the election by a margin of 2142 votes. How many voters were registered?

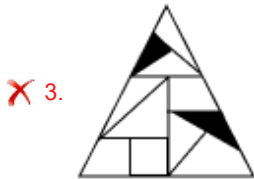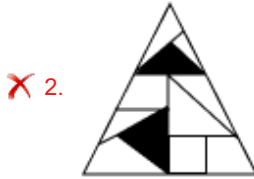**Ans** ✓ 1. 140000

✗ 2. 140002

✗ 3. 139999
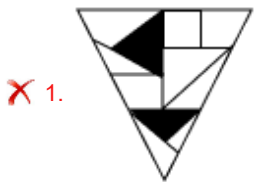
✗ 4. 140001

Q.35 Calculate the area of the isosceles triangle with length of equal sides 5 cm and the third side 8 cm.

Ans ✓ 1. 12 cm^2

✗ 2. 10 cm^2

✗ 3. 6 cm^2

✗ 4. 24 cm^2

Section : **General Intelligence and Reasoning**

Q.36 **Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.**

Ans

✗ 1.

✗ 2.

✗ 3.

✓ 4.

Q.37 **'STEP' is related to 'WXIT' in a certain way based on the English alphabetical order. In the same way, 'FILL' is related to 'JMPP'. To which of the following is 'THAT' related, following the same logic?**

Ans   ✗ 1. WLFW

✓ 2. XLEX

✗ 3. WLEW

✗ 4. XLFX

Q.38 **What should come in place of the question mark (?) in the given series based on the English alphabetical order?**

VNQ SKN PHK MEH ?

Ans   ✗ 1. JCE

✓ 2. JBE

✗ 3. JCF

✗ 4. JBF

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:
Some bulbs are mats.
Some peanuts are mats.

Conclusions:
(I) All bulbs are peanuts.
(II) Some peanuts are bulbs.

Ans   ✗ 1. Only conclusion (I) follows.

    ✔ 2. Neither conclusion (I) nor (II) follows.

    ✗ 3. Only conclusion (II) follows.

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

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

PTV 73 YCE 76 HLN 79 QUW 82 ?

Ans   ✗ 1. ZBF 87

    ✔ 2. ZDF 85

    ✗ 3. YBE 87

    ✗ 4. YDE 85

Q.41 Seven people, P, Q. R, S, T, U and V, are sitting in a straight line facing north. Only two people are sitting to the right of S. P is sitting to the immediate left of S. V is sitting to the immediate left of Q and immediate right of U. Q is sitting to the immediate left of P. T is not the immediate neighbour of S. Who is sitting to the immediate right of S?

Ans   ✗ 1. P

    ✗ 2. U

    ✗ 3. Q

    ✔ 4. R

Q.42 What should come in place of the question mark (?) in the given series?

780 770 772 766 762 ?

Ans   ✗ 1. 764

    ✗ 2. 766

    ✔ 3. 760

    ✗ 4. 762

Q.43 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. FI - IJ

    ✗ 2. QV - SX

    ✗ 3. KP - MR

    ✗ 4. NS - PU

Q.44 In a certain code language, 'BALM' is coded as '7246' and 'LAMP' is coded as '2765'. What is the code for 'P' in the given code language?

Ans   ✗ 1. 2

    ✗ 2. 6

    ✗ 3. 7

    ✔ 4. 5

Q.45 **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 sheep are crows.
All crows are frogs.
Some crows are bats.
Conclusions:
I. Some sheep may or may not be bats.
II. At least some blankets are frogs.

Ans ✗ 1. Only conclusion II follows

✗ 2. Only conclusion I follows

✗ 3. Neither conclusion I nor II follows

✔ 4. Both conclusions I and II follow

Q.46 **Seven friends, Q, R, S, T, W, X and Y, are sitting around a circular table facing the centre of the table. T sits to the immediate right of X. T sits second to the left of S. Only two people sit between S and Y when counted from the left of Y. Q sits third to the left of X. W is not an immediate neighbour of Q. How many people sit between R and T when counted from the right of R?**

Ans ✔ 1. Two

✗ 2. Three

✗ 3. One

✗ 4. Four

Q.47 **Refer to the following number series and answer the question that follows (all numbers are single-digit numbers only and counting to be done from left to right only).**

(Left) 8 8 6 2 8 2 9 9 2 6 2 6 7 8 3 2 8 3 3 2 9 6 6 (Right)

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

Ans ✗ 1. None

✔ 2. Two

✗ 3. One

✗ 4. Three

Q.48 **Seven boxes E, F, G, H, K, L and M are kept one over the other but not necessarily in the same order. Only two boxes are kept below E. Only one box is kept above H. Only one box is kept between H and G. L is kept immediately above M. K is kept at some place below F. How many boxes are kept between F and L?**

Ans ✗ 1. Two

✔ 2. Four

✗ 3. One

✗ 4. Three

Q.49 **Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.**

DK-GN-JM
FM-IP-LO

Ans ✗ 1. GO-KS-NP

✔ 2. HO-KR-NQ

✗ 3. HO-KR-NP

✗ 4. GO-KR-NP

Q.50 In a certain code language,
A + B means 'A is the sister of B',
A − B means 'A is the mother of B',
A x B means 'A is the brother of B',
A ÷ B means 'A is the husband of B'.

Based on the above, how is P related to T if 'P x Q ÷ R − S + T'?

Ans   ✗ 1. Father's father

✗ 2. Wife's brother

✗ 3. Mother's father

✓ 4. Father's brother

Q.51 What should come in place of the question mark (?) in the given series?

395 366 337 308 279 ?

Ans   ✗ 1. 266

✓ 2. 250

✗ 3. 229

✗ 4. 237

Q.52 In a certain code language, 'phone error rate' is coded as 'ku ni pt' and 'pronunciation error rate' is coded as 'pt jk ni'. How is 'pronunciation' coded in the given language?

Ans   ✗ 1. pt

✗ 2. ku

✗ 3. ni

✓ 4. jk

Q.53 Refer to the following series and answer the question (all numbers are single digit numbers only).

(Left) 1 2 6 5 6 8 1 5 8 6 9 8 3 3 8 5 8 9 4 7 8 (Right)

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

Ans   ✗ 1. Three

✗ 2. One

✗ 3. Two

✓ 4. Four

Q.54 Prakhar starts from Point A and drives 9 km towards the east. He then takes a right turn, drives 10 km, turns right and drives 12 km. He then takes a right turn and drives 11 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.)
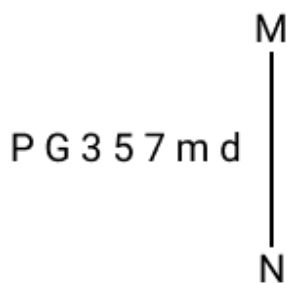
Ans   ✓ 1. 1 km to the south

✗ 2. 2 km to the north

✗ 3. 1 km to the north

✗ 4. 2 km to the south

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

31 32 41 66 115 ?

Ans   ✗ 1. 167

✗ 2. 169

✓ 3. 196

✗ 4. 195

Q.56 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.

M
|
|
P G 3 5 7 m d |
|
N

Ans
✗ 1. dm 7 5 3 G 9
✗ 2. PG3 5 7 m d
✗ 3. bm ∠5 3 G 9
✔ 4. bm 7 5 3 G 9

Q.57 If '+' means '−', '−' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?
30 − 2 ÷ 6 + 18 × 6 = ?

Ans
✗ 1. 57
✗ 2. 81
✗ 3. 34
✔ 4. 63

Q.58 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4173685, which of the following digits will be second from the right?

Ans
✗ 1. 7
✗ 2. 4
✔ 3. 6
✗ 4. 2

Q.59 Seven boxes D, E, F, H, I, J and K are kept one over the other but not necessarily in the same order. J is kept second from the bottom. Only three boxes are kept between J and E. K is kept at one of the positions below J. Only F is kept between E and H. D is kept at one of the positions above E. How many boxes are kept between I and K?

Ans
✔ 1. One
✗ 2. Two
✗ 3. Four
✗ 4. Three

Q.60 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. 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.)

10 - 15
19 - 24

Ans
✔ 1. 63 - 68
✗ 2. 42 - 48
✗ 3. 1 - 7
✗ 4. 51 - 57

Q.61 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
Some goats are hens.
All hens are cows.
All cows are tigers.

Conclusions:
(I) All cows are goats.
(II) Some tigers are hens.

Ans ✗ 1. Both conclusions (I) and (II) follow.

✗ 2. Only conclusion (I) follows.

✓ 3. Only conclusion (II) follows.

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

Q.62 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'
A @ B means 'A is the father of B'

Based on the above, how is C related to K if 'C # O − M % P @ K'?

Ans ✗ 1. Mother's brother's son

✗ 2. Brother's son

✗ 3. Father's brother

✓ 4. Father's brother's son

Q.63 Pritam starts from Point A and drives 14 km towards South. He then takes a right turn, drives 12 km, turns right and drives 6 km. He then takes a right turn and drives 6 km. He takes a final left turn, drives 8 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-degree turns only unless specified.)

Ans ✓ 1. 6 km towards East

✗ 2. 8 km towards West

✗ 3. 6 km towards South

✗ 4. 8 km towards North

Q.64 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ✗ 1. VD – TG

✗ 2. DR – BU

✓ 3. WK – SG

✗ 4. ZX – XA

Q.65 A, B, C, D, E, and F are sitting around a circular table facing the centre. D sits third to the left of E. C sits to the immediate right of E. Only B sits between A and E. How many people sit between E and F, when counted from the right of E?

Ans ✗ 1. Two

✓ 2. One

✗ 3. Three

✗ 4. None

Q.66 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.
INN : JPM
GBG : HDF

Ans ✗ 1. OEY : PGZ

✓ 2. NMN : OOM

✗ 3. MGS : NIQ

✗ 4. TKR : ULS

Q.67 When the second digit from the left is divided by the second digit from the right in the number 865127, what is the quotient?

Ans ✗ 1. 4

✓ 2. 3

✗ 3. 1

✗ 4. 2

Q.68 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

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

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

Ans ✓ 1. Three

✗ 2. Two

✗ 3. One

✗ 4. Four

Q.69 In a certain code language, 'WORK' is coded as '1673' and 'FROW' is coded as '7326'. What is the code for 'F' in the given code language?

Ans ✓ 1. 2

✗ 2. 6

✗ 3. 7

✗ 4. 3

Q.70 Select the term from among the given options that can replace the question mark (?) in the following series.
ECQ-11, HGO-2, KKM-15, NOK-28, ?

Ans ✗ 1. RTI-39

✓ 2. QSI-41

✗ 3. QTI-41

✗ 4. RSI-39

Section : General Awareness

Q.71 Which of the following Acts provided for the establishment of a federal, provincial and joint public service commission, Reserve Bank of India and a federal court?

Ans ✗ 1. Government of India Act, 1919

✗ 2. Government of India Act, 1929

✗ 3. Government of India Act, 1909

✓ 4. Government of India Act, 1935

Q.72 The Satpura Range is a part of the Peninsular Plateau and is located between which two rivers?

Ans ✗ 1. Krishna and Kaveri

✗ 2. Godavari and Krishna

✗ 3. Narmada and Mahi

✔ 4. Narmada and Tapi

Q.73 The 2024 Copa America championship, which was held in the USA from 20 June to 14 July 2024, is a _____ tournament.

Ans ✗ 1. Boxing

✗ 2. Golf

✗ 3. Hockey

✔ 4. Football

Q.74 Which of the following Articles was added by the 42nd Amendment Act, 1976?

Ans ✔ 1. Article 31D

✗ 2. Article 31

✗ 3. Article 101

✗ 4. Article 22

Q.75 In February 2025, the Government of India announced that the South Coastal Railway zone is a new railway zone that will be headquartered in _____.

Ans ✗ 1. Vijayawada

✗ 2. Tirupathi

✔ 3. Visakhapatnam

✗ 4. Amaravati

Q.76 What was the literacy rate in India according to the 2011 Census?

Ans ✗ 1. 70.05%

✗ 2. 60.05%

✗ 3. 64.05%

✔ 4. 74.04%

Q.77 In July 2024, the Export Credit Guarantee Corporation of India (ECGC) announced the expansion of 90% insurance cover for exporters with a credit limit of ₹_____.

Ans ✗ 1. 20 crore

✔ 2. 50 crore

✗ 3. 10 crore

✗ 4. 100 crore

Q.78 Which of the following Acts is also known as the Gagging Act?

Ans ✗ 1. Government of India Act of 1858

✔ 2. Vernacular Press Act of 1878

✗ 3. Government of India Act of 1919

✗ 4. Regulating Act of 1773

Q.79 Which of the following leaders of the Revolt of 1857 was the adopted son of Bajirao Peshwa II?

Ans ✗ 1. Kunwar Singh

✔ 2. Nana Saheb

✗ 3. Tantiya Tope

✗ 4. Raja Pratap Singh

Q.80 In June 2024, the Supreme Court directed which state to release 137 cusecs of water to Delhi?

Ans
- ✗ 1. Uttar Pradesh
- ✗ 2. Punjab
- ✓ 3. Himachal Pradesh
- ✗ 4. Haryana

Q.81 Which day was marked by Mahatma Gandhi as the day of 'humiliation and prayer'?

Ans
- ✗ 1. 23 March 1919
- ✗ 2. 10 February 1919
- ✗ 3. 20 October 1919
- ✓ 4. 6 April 1919

Q.82 Which of the following Articles of the Indian Constitution declares that Directive Principles are NOT enforceable by any court?

Ans
- ✗ 1. Article 51
- ✓ 2. Article 37
- ✗ 3. Article 35
- ✗ 4. Article 45

Q.83 Which of the following rivers rises in the Satpura ranges?

Ans
- ✓ 1. Tapi
- ✗ 2. Chambal
- ✗ 3. Damodar
- ✗ 4. Luni

Q.84 Which constitutional body is responsible for recommending principles for the allocation of grants-in-aid to states from the Consolidated Fund of India?

Ans
- ✗ 1. National Development Council
- ✓ 2. Finance Commission
- ✗ 3. Planning Commission
- ✗ 4. NITI Aayog

Q.85 Name the author who wrote the famous book called 'Panchatantra'.

Ans
- ✗ 1. Kalhana
- ✗ 2. Daṇḍin
- ✓ 3. Vishnu Sharma
- ✗ 4. Śūdraka

Q.86 The Economic Survey 2024 calls for a 'tripartite compact'. Which of the following is NOT a part of it?

Ans
- ✗ 1. Private sector
- ✓ 2. Foreign investors
- ✗ 3. Central government
- ✗ 4. State governments

Q.87 What is the maximum strength of the Legislative Assembly of a State as per Article 170 of the Indian Constitution?

Ans
- ✗ 1. 250
- ✗ 2. 350
- ✗ 3. 200
- ✓ 4. 500

Q.88 Which of the following steers the tropical depressions into India especially during the summer season?

Ans ✗ 1. Western Disturbances

✗ 2. Northeast Monsoon

✗ 3. Westerly Jet Stream

✓ 4. Easterly Jet Stream

Q.89 The Swaran Singh Committee, which recommended the inclusion of Fundamental Duties, was set up by whom among the following Indian Prime Ministers?

Ans ✗ 1. Lal Bahadur Shastri

✓ 2. Indira Gandhi

✗ 3. Rajiv Gandhi

✗ 4. Morarji Desai

Q.90 Alai Darwaja is a part of which of the following monuments of Mughal architecture?

Ans ✗ 1. Taj Mahal, Agra

✗ 2. Red Fort, Delhi

✗ 3. Red Fort, Agra

✓ 4. Qutub Minar, Delhi

Q.91 Which significant policy approach was suggested to sustain India's economic recovery in the Economic Survey 2024?

Ans ✗ 1. Reducing exports

✗ 2. Increasing trade deficits

✓ 3. Heavy domestic efforts and reforms

✗ 4. Increase in foreign aid

Q.92 Tropical rainforests are mainly NOT found in which of the following regions?

Ans ✗ 1. Andaman and Nicobar Islands

✓ 2. Madhya Pradesh, Uttar Pradesh and Bihar

✗ 3. The North-Eastern states

✗ 4. Western slope of the Western Ghats

Q.93 Where is the Ranganadi Dam situated?

Ans ✗ 1. Sikkim

✓ 2. Arunachal Pradesh

✗ 3. Nagaland

✗ 4. Manipur

Q.94 The First Five-Year Plan in India focused primarily on which sector of the economy?

Ans ✗ 1. Industrialisation

✓ 2. Agricultural development

✗ 3. Service sector expansion

✗ 4. Infrastructure development

Q.95 Which of the following tools did India adopt for economic development after gaining independence?

Ans ✗ 1. Privatisation

✗ 2. Decentralised planning

✓ 3. Centralised planning

✗ 4. Liberalisation

Q.96 Manjira is a solid instrument made of _____.

Ans ✗ 1. cloth

✗ 2. goatskin

✓ 3. metal

✗ 4. wood

Q.97 When an object is placed at the centre of curvature in front of a concave mirror, the characteristics of the image formed are:

Ans ✗ 1. at the focus, upright, virtual and diminished

✗ 2. at infinity, real, inverted and highly enlarged

✗ 3. between the focus and the mirror, virtual, upright and enlarged

✓ 4. at the centre of curvature, real, inverted and of the same size

Q.98 Tat Vadya are also known as _____ instruments.

Ans ✗ 1. percussion

✗ 2. electronic

✗ 3. wind

✓ 4. stringed

Q.99 Which of the following Amendment Acts provided one-third reservation for women in municipalities?

Ans ✗ 1. 73rd Amendment Act

✗ 2. 103rd Amendment Act

✗ 3. 106th Amendment Act

✓ 4. 74th Amendment Act

Q.100 What was the primary aim of the Third Five-Year Plan (1961-1966) in India?

Ans ✗ 1. To promote small-scale industries

✗ 2. To enhance agricultural production

✓ 3. To achieve self-sufficiency in food grains

✗ 4. To focus on poverty alleviation

Q.101 Which of the given statements about photosynthesis is/are correct?
A. Stomata in the leaves absorb sunlight for photosynthesis.
B. Photosynthesis results in the reduction of carbon dioxide to form carbohydrates.

Ans ✗ 1. Neither A nor B

✓ 2. Only B

✗ 3. Both A and B

✗ 4. Only A

Q.102 Which of the following statements is correct about the Chairperson of the Monetary Policy committee of India, which was reconstituted by the Government of India in October 2024?

Ans ✗ 1. The Chairperson of the Monetary Policy committee will be elected by directors of all public sector banks of India.

✗ 2. The Prime Minister of India will be the de facto Chairperson of the Monetary Policy committee for FY25.

✗ 3. The CAG of India is the Chairperson of the Monetary Policy committee.

✓ 4. The RBI Governor is the Chairperson (ex officio) of the Monetary Policy committee.

Q.103 Prime Minister Indira Gandhi declared emergency on 25 June 1975, which lasted for _____ months.

Ans
- ✗ 1. 15
- ✓ 2. 21
- ✗ 3. 26
- ✗ 4. 17

Q.104 The President of the Government of Spain, Pedro Sanchez, paid an official visit to India on which dates in 2024?

Ans
- ✓ 1. 27 − 29 October 2024
- ✗ 2. 04 − 05 October 2024
- ✗ 3. 14 − 15 October 2024
- ✗ 4. 28 − 29 September 2024

Q.105 Scurvy is characterised by swelling and bleeding of gums. Deficiency of which vitamin causes scurvy?

Ans
- ✗ 1. Vitamin A
- ✓ 2. Vitamin C
- ✗ 3. Vitamin D
- ✗ 4. Vitamin B1

Q.106 Which of the following was the smallest administrative unit in the Mauryan Empire?

Ans
- ✓ 1. Village
- ✗ 2. Province
- ✗ 3. District
- ✗ 4. Town

Q.107 How many Param Rudra supercomputers worth around ₹130 crore were launched by Prime Minister Narendra Modi on 26 September 2024?

Ans
- ✗ 1. 5
- ✓ 2. 3
- ✗ 3. 7
- ✗ 4. 2

Q.108 Which of the following was a focus in the Budget 2024 to stimulate growth in the MSME sector?

Ans
- ✗ 1. Reduction in corporate tax
- ✗ 2. New pension schemes
- ✓ 3. Loan schemes for small businesses
- ✗ 4. Reduction in GST rates

Q.109 What was the policy of the 'Doctrine of Lapse' that caused discontent among Indian rulers before the rebellion of 1857?

Ans
- ✗ 1. The British would pay subsidies to Indian rulers.
- ✗ 2. The British government would adopt Indian rulers without heirs.
- ✓ 3. The British could annex a princely state if the ruler did not have a natural/biological heir.
- ✗ 4. The British would intervene in Indian courts.

Q.110 Which of the following is an indicator of economic development?

Ans
- ✓ 1. Rising per capita income
- ✗ 2. Decreasing exports
- ✗ 3. Reduction in industrialisation
- ✗ 4. Increasing population

Q.111 Which of the following countries signed a historic Memorandum of Understanding (MoU) for civil nuclear cooperation in September 2024?

Ans
✗ 1. India and the United States of America

✗ 2. Ukraine and United Kingdoms

✗ 3. Sri Lanka and Russia

✓ 4. India and the United Arab Emirates

Q.112 Which Indian flautist won two Grammys at the Grammy Awards ceremony at Los Angeles In February 2024?

Ans
✗ 1. Rishab Prasanna

✗ 2. Ronu Majumdar

✗ 3. Shashank Subramanyam

✓ 4. Rakesh Chaurasia

Q.113 Which of the following Hydroelectric Power Projects is located on Narmada River?

Ans
✗ 1. Nagarjuna Sagar Project

✗ 2. Koyna Project

✓ 3. Sardar Sarovar Project

✗ 4. Ranjit Sagar Project

Q.114 What does the term 'liberalisation' refer to in the context of the economy?

Ans
✗ 1. Nationalising private industries

✓ 2. Opening up the economy to foreign trade

✗ 3. Reducing taxes for all citizens

✗ 4. Increasing government regulations

Q.115 Which of the following Gupta rulers defeated Shaka King Rudrasimha III and captured his kingdom?

Ans
✗ 1. Kumaragupta

✗ 2. Skandagupta

✓ 3. Chandragupta II

✗ 4. Chandragupta I

Q.116 What does E3 stand for in the 'BioE3 Policy' unveiled by the Department of Biotechnology in August 2024?

Ans
✗ 1. Econometrics, Ecosystem and Experience

✗ 2. Equity, Ecological footprint and Ecofeminism

✗ 3. Economic surplus, Erosion and Employment gap

✓ 4. Economy, Environment and Employment

Q.117 Which Indian Navy ship visited Port Louis, Mauritius in June 2024, as part of a long-range deployment?

Ans
✓ 1. INS Sunayna

✗ 2. INS Vikrant

✗ 3. INS Talwar

✗ 4. INS Shivalik

Q.118 In a material, the mass is the _____.

Ans
✗ 1. gravitational force acting on it

✗ 2. amount of space it occupies

✗ 3. amount of water it replaces

✓ 4. amount of matter it has

Q.119 The Constitution (Scheduled Castes and Scheduled Tribes) Orders (Amendment) Bill, 2024, was related to which state?

Ans
✗ 1. Bihar

✗ 2. Tamil Nadu

✓ 3. Odisha

✗ 4. Punjab

Q.120 Using dimensional analysis, determine which of the following pairs of physical quantities have the same dimensions?

Ans
✓ 1. Latent heat and gravitational potential

✗ 2. Linear momentum and angular momentum

✗ 3. Force and torque

✗ 4. Work and power