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

Exam Date	10/03/2025
Centre Name	ION Digital Zone IDZ KIOT-Campus
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 If 40% of k is 10 less than 1200% of 10, then k is:

Ans
✗ 1. 315
✔ 2. 275
✗ 3. 255
✗ 4. 235

Q.2 Two types of rice costing ₹50 per kg and ₹70 per kg are mixed together to make a blend that costs ₹60 per kg. In what ratio should the two types of rice be mixed?

Ans
✗ 1. 3 : 2
✔ 2. 1 : 1
✗ 3. 2 : 3
✗ 4. 4 : 3

Q.3 The area of a trapezium is 330 cm^2, if the lengths of its parallel sides are 24 cm and 20 cm, find the distance between the parallel sides.

Ans
✗ 1. 10 cm
✗ 2. 25 cm
✔ 3. 15 cm
✗ 4. 20 cm

Q.4 The prices of three items are ₹120, ₹150 and ₹180. On these items, respectively, 20%, 10% and 5% profits are earned. The overall profit on the items is ___%.

Ans
✗ 1. $8\frac{2}{3}$
✗ 2. $10\frac{1}{3}$
✗ 3. $8\frac{1}{3}$
✔ 4. $10\frac{2}{3}$

Q.5 The average of first 138 even numbers is

Ans
✗ 1. 138.5
✔ 2. 139
✗ 3. 139.5
✗ 4. 140

Q.6 Train A leaves station M at 7:30 AM and reaches station N at 2:30 PM on the same day. Train B leaves station N at 9:30 AM and reaches station M at 2:30 PM on the same day. Find the time when Trains A and B meet.

Ans ✔ 1. 11:35 AM

✗ 2. 11:30 PM

✗ 3. 7:08 AM

✗ 4. 1:43 PM

Q.7 A hollow spherical shell is made of a metal of density 9 g/cm³. Its internal and external radius are 10 cm and 13 cm, respectively. What is the weight (in kg) of the shell ? $(take\ \pi\ =\ \dfrac{22}{7})$

Ans ✔ 1. 45.144

✗ 2. 46.67

✗ 3. 46.2

✗ 4. 42.144

Q.8 A bus travelling at 56 km/h completes a journey in 16 hours. At what speed will it have to cover the same distance in 8 hours?

Ans ✗ 1. 118 km/h

✗ 2. 106 km/h

✔ 3. 112 km/h

✗ 4. 103 km/h

Q.9 Two banks, A and B, offered loans at 3.5% and 6% per annum, respectively. Chetan borrowed an amount of ₹420000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Chetan after 2 years.

Ans ✔ 1. 21000

✗ 2. 22000

✗ 3. 20500

✗ 4. 22500

Q.10 The sum of 8 numbers is 888. Find their average.

Ans ✗ 1. 110

✗ 2. 109

✔ 3. 111

✗ 4. 112

Q.11 A pipe A can fill a cistern in 12 hours, while pipe B can fill it in 8 hours. In how much time will the cistern be filled, if both pipes A and B are opened together?

Ans ✗ 1. 3 hours 26 minutes

✔ 2. 4 hours 48 minutes

✗ 3. 4 hours 12 minutes

✗ 4. 3 hours 54 minutes

Q.12 A merchant fixes the sale price of his goods at 90% above the cost price. He sells his goods at 18% discount. His percentage of profit is:

Ans ✔ 1. 55.8%

✗ 2. 59.6%

✗ 3. 53.7%

✗ 4. 58.5%

Q.13 In what ratio should sugar costing ₹84 per kg be mixed with sugar costing ₹51 per kg so that by selling the mixture at ₹90.2 per kg, there is a profit of 10%?

Ans ✗ 1. 32 : 3

✗ 2. 35 : 2

✗ 3. 33 : 3

✔ 4. 31 : 2

Q.14 A sum of ₹8,000 is invested at an annual interest rate of 12% compounded half-yearly for 2 years. Calculate the compound interest earned at the end of 2 years.(Rounded off to the nearest integer)

Ans ✗ 1. ₹2,200

✔ 2. ₹2,100

✗ 3. ₹2,150

✗ 4. ₹2,280

Q.15

Find the value of $18^{-13} \div 18^{18} \times 18^{-3}$

Ans ✗ 1. 18^{-41}

✔ 2. 18^{-34}

✗ 3. 18^{-29}

✗ 4. 18^{-40}

Q.16 The cost price of 30 articles is the same as the marked price of x articles. If the profit is 20%, then find the value of x.

Ans ✔ 1. 25

✗ 2. 20

✗ 3. 35

✗ 4. 30

Q.17 Find the volume of a given cone with height of 14 cm and diameter of the circular base of 6 cm. (Use π = $\frac{22}{7}$)

Ans ✗ 1. 232 cm³

✗ 2. 130 cm³

✔ 3. 132 cm³

✗ 4. 396 cm³

Q.18 Evaluate:

$$\sqrt{\left(17 + \sqrt{\left(\left(56 + \sqrt{\left(60 + \sqrt{\left(9 + \sqrt{(49)}\right)}\right)}\right)\right)}\right)}$$

Ans ✗ 1. 4

✗ 2. 8

✗ 3. 2

✔ 4. 5

Q.19 Three partners invested in a business in the ratio 6:7:9. They invested their capitals for 7 months, 3 months and 9 months, respectively. What was the ratio of their profits?

Ans ✗ 1. 15:7:27

✗ 2. 13:7:27

✔ 3. 14:7:27

✗ 4. 17:7:27

Q.20 Evaluate: 41 - [36 - {48 ÷ 2 - (5 - 10 ÷ 2) ÷ 3}]

Ans ✗ 1. 28

✗ 2. 30

✗ 3. 31

✔ 4. 29

Q.21 Arjun can do a piece of work in 4 hours. Kartik can do it in 48 hours. With the assistance of Ishan, they completed the work in 3 hours. In how many hours can Ishan alone do it?

Ans ✗ 1. 15

✗ 2. 18

✗ 3. 17

✔ 4. 16

Q.22 What is the greatest common divisor of 90, 1020 and 2340?

Ans ✔ 1. 30

✗ 2. 45

✗ 3. 5

✗ 4. 10

Q.23 The least number which should be added to 6424 so that the sum is exactly divisible by 8, 9 and 12 is:

Ans ✔ 1. 56

✗ 2. 26

✗ 3. 46

✗ 4. 36

Q.24 An article is sold at a profit of 17%. If the selling price is doubled, the profit will be:

Ans ✗ 1. 200%

✗ 2. 34%

✗ 3. 68%

✔ 4. 134%

Q.25 2 men can complete a piece of work in 15 days while 5 women can do it in 14 days. In how many days can 7 women and 3 men complete it?

Ans ✗ 1. 6 days

✗ 2. 3 days

✔ 3. 5 days

✗ 4. 8 days

Q.26 The population of a small city decreased every year due to water contamination. The present population of the town is 1,39,650. Last year, the migration was 2%, and the year before last, it was 5%. What was the population of the city two years ago?

Ans ✗ 1. 1,45,000

✓ 2. 1,50,000

✗ 3. 1,55,000

✗ 4. 1,25,000

Q.27 The price of milk was increased by 15% last year and this year, there is again an increment of 12% in the price. Two years ago, the price was ₹60, now the price of the milk is ₹_____.

Ans ✗ 1. 77.82

✗ 2. 78.27

✗ 3. 78.72

✓ 4. 77.28

Q.28 After 56 litres of petrol was poured into an empty storage tank, it was still 10% empty. How much petrol (in litres, rounded off to two decimal place) must be poured into the storage tank in order to fill it?

Ans ✗ 1. 63.22

✗ 2. 57

✓ 3. 62.22

✗ 4. 61.22

Q.29 A 242 m long train crosses a man walking at a speed of 9.5 km/h in the opposite direction in 24 seconds. What is the speed (in km/h) of the train ?

Ans ✗ 1. 23.8

✓ 2. 26.8

✗ 3. 22.4

✗ 4. 28.3

Q.30 If the distance between A and B is 1084 Km. From A, Vishal goes to B with speed 104 km/h and return to A with the speed 112 km/h. Find the average speed of Vishal. (rounded off to two decimal place)

Ans ✗ 1. 110.52 km/h

✗ 2. 110.64 km/h

✓ 3. 107.85 km/h

✗ 4. 102.18 km/h

Q.31 An amount of ₹968 is divided among three persons in the ratio of 16 : 13 : 15. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans ✓ 1. 66

✗ 2. 20

✗ 3. 28

✗ 4. 85

Q.32 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 129. Find the average of the remaining two numbers?

Ans ✗ 1. 187

✓ 2. 186

✗ 3. 207

✗ 4. 206

Q.33 Find the value of $\dfrac{62}{4} - 7 \times 2.5 + \sqrt[3]{2197}$.

Ans ✗ 1. 14

✓ 2. 11

✗ 3. 12.5

✗ 4. 9.5

Q.34 The simplified value of the expression
$\dfrac{0.75^2 - 0.25^2}{2} \times \dfrac{2.5^2 - 1.5^2}{4} \times \dfrac{1}{0.25}$ **is** _____.

Ans ✗ 1. −1

✓ 2. 1

✗ 3. 0.5

✗ 4. −0.5

Q.35 Calculate the smallest five-digit number divisible by 9, 11 and 21.

Ans ✗ 1. 10,390

✗ 2. 10,385

✓ 3. 10,395

✗ 4. 10,830

Section : General Intelligence and Reasoning

Q.36 Select the pair that follows the same pattern as the one followed by the two set of pairs given below. Both pairs follow the same pattern.

BDF : GKK
GIK : LPP

Ans ✗ 1. JLO : NPQ

✗ 2. MQT : QVX

✓ 3. CMJ : HTO

✗ 4. ADE : EHI

Q.37 Y, A, K, S, E, N, and T are sitting around a circular table facing the centre. A sits second to the left of K. S sits second to the right of K. Only one person sits between S and E. T sits second to the right of Y. Only one person sits between E and N. Who sits to the immediate left of E?

Ans ✗ 1. A

✗ 2. S

✓ 3. T

✗ 4. K

Q.38 FOR is related to CLO in a certain way. In the same way, POT is related to MLQ. To which of the following is RUN related, following the same logic?

Ans ✗ 1. KRO

✗ 2. QXU

✗ 3. UXQ

✓ 4. ORK

Q.39 If you subtract the number formed by reversing the digits of 74 from the number 74 itself, what is the result?

Ans ✓ 1. 27

✗ 2. 36

✗ 3. 0

✗ 4. 12

Q.40 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

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

If all the symbols are dropped from the series, which of the following will be fifth from the right?

Ans ✗ 1. 9

✗ 2. 3

✗ 3. 2

✓ 4. 4

Q.41 All 48 people are standing in a row facing North. Sridesh is 31st from the right end while Niraj is 26th from the left end. How many people are there between Sridesh and Niraj?

Ans ✗ 1. 5

✓ 2. 7

✗ 3. 6

✗ 4. 8

Q.42 Mr. Tigiri starts from Point A and drives 16 km towards west. He then takes a left turn, drives 17 km, turns right and drives 18 km. He then takes a right turn and drives 28 km. He takes a final right turn, drives 34 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. 11 km to the north

✗ 2. 9 km to the east

✗ 3. 9 km to the west

✓ 4. 11 km to the south

Q.43 In a certain code language, 'MOTION' is coded as '121345' and 'SLOW' is coded as '1689'. What is the code for 'O' in the given code language?

Ans ✓ 1. 1

✗ 2. 3

✗ 3. 6

✗ 4. 4

Q.44 Eden ranked 21st from the bottom and 14th from the top in his class. How many students are there in his class?

Ans ✗ 1. 31

✗ 2. 32

✗ 3. 33

✓ 4. 34

Q.45 Seven students, Q, R, S, T, W, X and Y, are sitting in a straight line facing north. Only R sits to the left of Q. Only four people sit between R and X. Only W sits between S and T, and S is not an immediate neighbour of X. How many people sit between Y and S?

Ans ✓ 1. Three

✗ 2. Four

✗ 3. Two

✗ 4. One

Q.46 Refer to the following series and answer the question (all numbers are single digit numbers only).

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

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

Ans
✗ 1. Two

✗ 2. Four

✔ 3. Three

✗ 4. One

Q.47 This question is based on the five, three-digit numbers given below.

(Left) 458 652 483 617 456 (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. 7

✗ 2. 9

✗ 3. 12

✗ 4. 11

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. KHMQ

✗ 2. PMRV

✔ 3. AXCH

✗ 4. HEJN

Q.49 What should come in place of the question mark (?) in the given series?

32 36 47 51 62 66 ?

Ans
✗ 1. 78

✔ 2. 77

✗ 3. 70

✗ 4. 76

Q.50 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 priests are teachers.
Some priests are singers.

Conclusions:
(I) Some singers are teachers.
(II) Some singers are priests.

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

PRU NPS LNQ JLO ?

Ans ✅ 1. HJM

❌ 2. HIN

❌ 3. HJN

❌ 4. HIM

Q.52 In a certain code language,
A + B means 'A is the wife of B'
A – B means 'A is the brother of B'
A × B means 'A is the mother of B'
A ÷ B means 'A is the father of B'

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

Ans ✅ 1. Grandmother

❌ 2. Granddaughter

❌ 3. Mother-in-law

❌ 4. Mother

Q.53 Mr. Z starts from Point A and drives 3 km towards the north. He then takes a right turn, drives 2 km, turns right and drives 4 km. He then takes a right turn and drives 5 km. He takes a final right 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° turns only unless specified.)

Ans ❌ 1. 2 km towards the north

✅ 2. 3 km towards the east

❌ 3. 2 km towards the south

❌ 4. 1 km towards the west

Q.54 If 1 is added to each even digit and 3 is subtracted from each odd digit in the number 2935874, how many digits will appear more than once in the new number thus formed?

Ans ❌ 1. Three

✅ 2. None

❌ 3. Two

❌ 4. One

Q.55 In a certain code language, 'tea and coffee' is coded as 'nm hg bv' and 'tea is better' is coded as 'mn vb hg'. How is 'tea' coded in the given language?

Ans ✅ 1. hg

❌ 2. bv

❌ 3. vb

❌ 4. nm

Q.56 In a certain code language,
A : B means 'A is the son 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 F related to N if 'F * A : L ? E = N'?

Ans ❌ 1. Wife's son

❌ 2. Wife's sister

❌ 3. Wife's father

✅ 4. Wife's brother

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:
Some apples are rocks.
Some peanuts are crows.
All rocks are crows.

Conclusions:
(I): Some rocks are peanuts.
(II): Some crows are apples.

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

ADB 1, EHF 4, ILJ 16, MPN 64, ?

Ans
✗ 1. QTR 32

✗ 2. QTR 128

✗ 3. QRT 128

✔ 4. QTR 256

Q.59 What is the difference between the number 49 and the number obtained by adding 4 to each digit of 49?

Ans
✗ 1. 789

✗ 2. 657

✗ 3. 760

✔ 4. 764

Q.60 Six people T, U, V, W, X, and Y are sitting in a straight row facing north. Only one person sits between W and V when counted from the left of V. Y sits third to the right of V. U sits to the immediate left of X. How many people sit between T and X?

Ans
✗ 1. One

✔ 2. Two

✗ 3. Three

✗ 4. Four

Q.61 In a certain code language, 'how was exam' is coded as 'xp or hg' and 'exam is tough' is coded as 'fs xp wl'. How is 'exam' coded in the given language?

Ans
✗ 1. or

✗ 2. fs

✔ 3. xp

✗ 4. hg

Q.62 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

FOR 16, JIV 29, NCZ 42, RWD 55, ?

Ans
✗ 1. NQZ 70

✗ 2. WQI 70

✔ 3. VQH 68

✗ 4. NCZ 68

Q.63 EGKN is related to PQVX in a certain way based on the English alphabetical order. In the same way, WUCB is related to HENL. To which of the given options is DYJF related, following the same logic?

Ans   ✗ 1. OUPI

   ✓ 2. OIUP

   ✗ 3. POIU

   ✗ 4. PIOU

Q.64 What should come in place of the question mark (?) in the given series?

57 70.4 88.8 112.2 140.6 ?

Ans   ✗ 1. 188

   ✗ 2. 182.2

   ✗ 3. 168.8

   ✓ 4. 174

Q.65 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 its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(6, 11, 19)
(7, 12, 21)

Ans   ✗ 1. (8, 13, 29)

   ✗ 2. (17, 23, 43)

   ✓ 3. (12, 17, 31)

   ✗ 4. (10, 5, 7)

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. NUB

   ✓ 2. VCI

   ✗ 3. GNU

   ✗ 4. IPW

Q.67 Identify the figure given in the options which when put in place of '?' will logically complete the series.

□ ⬢ ○	⬢ ○ τ	○ τ ▲	τ ▲ F	?
F τ	□ ▲	⬢ F	○ □	
▲	F	□	⬢	

Ans

✗ 1.

| ▲ □ F |
| ⬢ ○ |
| τ |

✔ 2.

| ▲ F □ |
| τ ⬢ |
| ○ |

✗ 3.

| ▲ τ F |
| ⬢ □ |
| ○ |

✗ 4.

| ▲ F □ |
| ⬢ ○ |
| τ |

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 breads are donuts.
Some donuts are muffins.
No muffin is a fruit.
Conclusions:
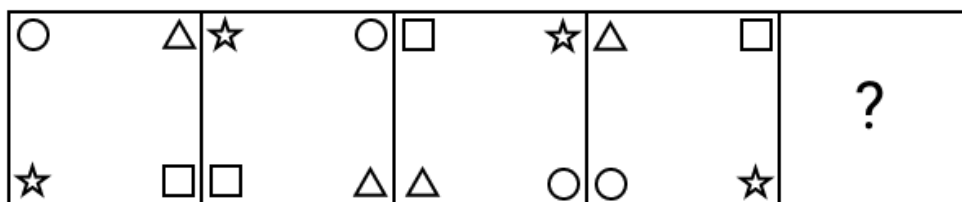(I): No bread is a fruit.
(II): Some muffins are breads.

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

✗ 2. Only conclusion (I) follows.
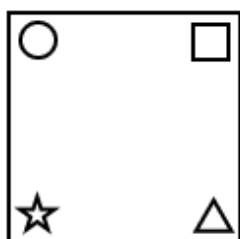
✗ 3. Both conclusions (I) and (II) follow.

✗ 4. Only conclusion (II) follows.

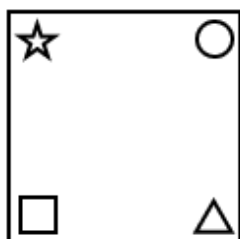**Q.69** Identify the option that when put in place of the question mark (?) will logically complete the series.
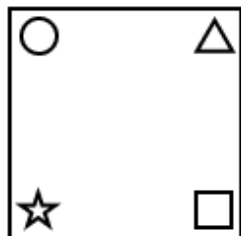

Ans

✗ 1.

✗ 2.

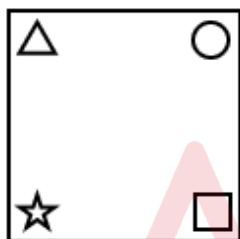✓ 3.

✗ 4.

Q.70 What should come in place of the question mark (?) in the given series?

86 94 110 142 ? 334

Ans
✓ 1. 206

✗ 2. 208

✗ 3. 204

✗ 4. 205

Section : General Awareness

Q.71 In October 2024, the Indian Army's Sudarshan Chakra Corps conducted the 'Swavlamban Shakti' Exercise in which state?

Ans
✗ 1. Bihar

✓ 2. Uttar Pradesh

✗ 3. Madhya Pradesh

✗ 4. Haryana

Q.72 Who is the author of the biography 'Manoj Bajpayee: The Definitive Biography', published in March 2024?

Ans ✗ 1. Anustup Basu

✗ 2. Tanuja Chaturvedi

✗ 3. Mukesh Manjunath

✓ 4. Piyush Pandey

Q.73 Which desert is known as the Great Indian Desert?

Ans ✗ 1. Gobi Desert

✗ 2. Sahara Desert

✓ 3. Thar Desert

✗ 4. Arabian Desert

Q.74 How many medals and Medallions of Excellence were won by India at WorldSkills Lyon 2024 in France?

Ans ✓ 1. 16

✗ 2. 4

✗ 3. 12

✗ 4. 8

Q.75 The British adopted which of the following policies with respect to landlords and zamindars after the Revolt of 1857?

Ans ✗ 1. The policy of land nationalisation

✓ 2. Policies that protected their rights and provided security over their lands

✗ 3. The policy of confiscation of property

✗ 4. The policy of land redistribution

Q.76 When was the Appellate Tribunal for Electricity established in India?

Ans ✗ 1. 2002

✗ 2. 2003

✓ 3. 2005

✗ 4. 2009

Q.77 Which of the following groups of states is part of the Great Indian Desert?

Ans ✗ 1. Rajasthan, Gujarat, Madhya Pradesh and Uttar Pradesh

✗ 2. Punjab, Haryana, Rajasthan and Madhya Pradesh

✓ 3. Rajasthan, Gujarat, Punjab and Haryana

✗ 4. Gujarat, Punjab, Haryana and Maharashtra

Q.78 What is rural development?

Ans ✗ 1. Shifting rural people to urban areas

✓ 2. Improving the quality of life and economic well-being of people living in rural areas

✗ 3. Industrialisation of rural areas

✗ 4. Development of urban infrastructure

Q.79 Which Indian state is the leader in solar power generation with its largest installed capacity?

Ans ✗ 1. Gujarat

✗ 2. Tamil Nadu

✗ 3. Karnataka

✓ 4. Rajasthan

Q.80 Which of the following vector quantities has the same dimensions as of the scalar quantity 'work'?

Ans
- ✔ 1. Torque
- ✘ 2. Angular momentum
- ✘ 3. Gravitational constant
- ✘ 4. Force

Q.81 The Union cabinet in September 2024 approved Chandrayaan-4 and _____.

Ans
- ✘ 1. Jupiter Orbiter Mission
- ✘ 2. Mars Orbiter Mission
- ✘ 3. Neptune Orbiter Mission
- ✔ 4. Venus Orbiter Mission

Q.82 Which of the following is India's longest national waterway?

Ans
- ✘ 1. National Waterway 3 (NW 3)
- ✔ 2. National Waterway 1 (NW 1)
- ✘ 3. National Waterway 2 (NW 2)
- ✘ 4. National Waterway 4 (NW 4)

Q.83 Which of the following is a traditional hornpipe instrument of Assam made from buffalo horn?

Ans
- ✘ 1. Khol
- ✘ 2. Chang
- ✔ 3. Pepa
- ✘ 4. Pongi

Q.84 On which date did the Constituent Assembly give the third reading of the Constitution?

Ans
- ✘ 1. 29 August 1947
- ✔ 2. 26 November 1949
- ✘ 3. 17 October 1949
- ✘ 4. 14 November 1949

Q.85 The Water (Prevention and Control of Pollution) Amendment Bill, 2024, will initially apply to how many states?

Ans
- ✘ 1. 4
- ✘ 2. 5
- ✔ 3. 2
- ✘ 4. 1

Q.86 Which law or principle explains the connection between fluid velocity and pressure in a moving fluid?

Ans
- ✘ 1. Archimedes' Principle
- ✔ 2. Bernoulli's Principle
- ✘ 3. Pascal's Law
- ✘ 4. Boyle's Law

Q.87 Who was the last ruler of the Sayyid dynasty?

Ans
- ✘ 1. Muhammad Shah
- ✘ 2. Mubarak Shah
- ✔ 3. Alauddin Alam Shah
- ✘ 4. Khizr Khan

Q.88 What ideology did the extremists strongly oppose within the Indian National Congress?

Ans ✗ 1. Self-governance

✗ 2. Nationalism

✓ 3. Gradualism

✗ 4. Swadeshi

Q.89 When was the National Green Tribunal established in India?

Ans ✗ 1. 2014

✗ 2. 2003

✗ 3. 2005

✓ 4. 2010

Q.90 Who among the following gave sharp criticism of imperialism, termed as 'drain of wealth', which was a milestone in the mainstream Indian independence movement?

Ans ✗ 1. Zakir Husain

✗ 2. Bhimrao Ramji Ambedkar

✗ 3. Chakravarti Rajagopalachari

✓ 4. Dadabhai Naoroji

Q.91 Padma Awards 2024 were conferred to how many women awardees by the President of India?

Ans ✗ 1. 28

✗ 2. 20

✗ 3. 36

✓ 4. 30

Q.92 What is the projected fiscal deficit for the financial year 2024-25, as per the Union Budget?

Ans ✗ 1. 4.5%

✓ 2. 5.1%

✗ 3. 3.9%

✗ 4. 4.9%

Q.93 Which of the following Articles states that the Chief Minister shall communicate to the Governor all decisions of the Council of Ministers?

Ans ✗ 1. Article 168

✗ 2. Article 163

✓ 3. Article 167

✗ 4. Article 164

Q.94 Which of the following waterways of India is navigable by mechanical boats up to Patna and by ordinary boats up to Haridwar?

Ans ✗ 1. National Waterway 4 (NW 4)

✗ 2. National Waterway 2 (NW 2)

✓ 3. National Waterway 1 (NW 1)

✗ 4. National Waterway 3 (NW 3)

Q.95 Kanuma festival is celebrated on which day of Sankranti by Hindus in the south Indian states, especially in Andhra Pradesh and Telangana?

Ans ✓ 1. Third

✗ 2. Second

✗ 3. Fifth

✗ 4. Seventh

Q.96 In which country was the 44th session of the Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU) held from 2 October to 6 October 2024?

Ans ✗ 1. Canada

✓ 2. Germany

✗ 3. New Zealand

✗ 4. Peru

Q.97 The element _____ is commonly used in aircraft construction.

Ans ✗ 1. Hafnium

✗ 2. Osmium

✓ 3. Titanium

✗ 4. Zirconium

Q.98 In September 2024, who was elected as the Chief Minister of Delhi?

Ans ✗ 1. Manish Sisodia

✗ 2. Arvind Kejriwal

✓ 3. Atishi Marlena

✗ 4. Virender Jain

Q.99 The Terai region is best known for:

Ans ✗ 1. dry soil and sparse vegetation

✓ 2. rich forest cover and marshy land

✗ 3. rocky terrain

✗ 4. salt pans

Q.100 Under which Article of the Indian Constitution can the President of India seek the advisory opinion of the Supreme Court?

Ans ✗ 1. Article 141

✓ 2. Article 143

✗ 3. Article 129

✗ 4. Article 148

Q.101 What was the primary strategy adopted by the Indian government in the 1950s for economic development?

Ans ✗ 1. Encouraging private sector growth in basic and heavy industries

✓ 2. Rapid industrialisation through centrally prepared five-year plans

✗ 3. Developing the agricultural sector as the foundation of the economy

✗ 4. Focusing on agricultural expansion and crop yield improvement

Q.102 Right to Education is contained in which of the following Articles of the Indian Constitution?

Ans ✗ 1. Article 17

✗ 2. Article 51 A

✗ 3. Article 19

✓ 4. Article 21 A

Q.103 SONAR technology utilises sound energy for navigation, particularly in underwater environments. What does the acronym 'SONAR' represent?

Ans ✗ 1. Sound Oscillation Navigation And Ranging

✗ 2. Sound Organized Navigation And Ranging

✗ 3. Sound Observational Navigation And Ranging

✓ 4. SOund Navigation And Ranging

Q.104 The Indian National Congress session of 1905 took place in _____.

Ans ✓ 1. Banaras

✗ 2. Lucknow

✗ 3. Madras

✗ 4. Calcutta

Q.105 What role does the Economic Survey 2024 attribute to the tripartite compact in achieving India's development goals?

Ans ✗ 1. Focuses on self-reliance

✓ 2. Ensures cooperation between central, state governments and private sector

✗ 3. Increases government power

✗ 4. Reduces foreign influence

Q.106 Which of the following promotes cross-border movement of resources?

Ans ✓ 1. Foreign direct investment

✗ 2. Import restrictions

✗ 3. Tariffs

✗ 4. Quotas

Q.107 The Indian Councils Act, 1861, initiated the process of decentralisation by restoring legislative powers to which provinces?

Ans ✗ 1. Punjab and Bengal

✗ 2. United Provinces and Assam

✗ 3. Bihar and Orissa

✓ 4. Bombay and Madras

Q.108 In the context of inheritance of sex chromosomes in humans, which of the following statements is correct?

Ans ✗ 1. All children inherit a Y chromosome from their mother, and the sex is determined by the chromosome inherited from their father.

✓ 2. All children inherit an X chromosome from their mother, and the sex is determined by the chromosome inherited from their father.

✗ 3. All children inherit a Y chromosome from their father, and the sex is determined by the chromosome inherited from their mother.

✗ 4. All children inherit an X chromosome from their father, and the sex is determined by the chromosome inherited from their mother.

Q.109 What has been a major environmental challenge linked to globalisation in India?

Ans ✓ 1. Pollution and overuse of natural resources

✗ 2. Decrease in foreign investments due to regulations

✗ 3. Increase in deforestation laws

✗ 4. Reduction in industrialisation

Q.110 Which of the following does NOT come in the Ghan Vadya category?

Ans ✗ 1. Gedi

✗ 2. Dandia

✓ 3. Harmonium

✗ 4. Gurki

Q.111 The Simhastha Kumbh Mela festival at Ujjain is celebrated on the banks of river _____.

Ans ✗ 1. Kuno

✓ 2. Shipra

✗ 3. Narmada

✗ 4. Betwa

Q.112 The famous 'Sam Sand Dunes' region is located in which state of India?

Ans ✖ 1. Gujarat

✔ 2. Rajasthan

✖ 3. Punjab

✖ 4. Haryana

Q.113 Which of the following is the main purpose of focusing on human development?

Ans ✖ 1. To increase industrialisation

✔ 2. To ensure that individuals lead healthy, educated and productive lives

✖ 3. To improve trade relations

✖ 4. To promote economic growth only

Q.114 What was the year-on-year (Y-o-Y) growth in HDFC Bank's total deposits as of Q2 FY25?

Ans ✖ 1. 5%

✖ 2. 10%

✔ 3. 15%

✖ 4. 20%

Q.115 SBI's loan loss provisions increased by how much percentage in Q3 FY24 year-over-year?

Ans ✖ 1. 35.5%

✖ 2. 13.02%

✔ 3. 10.75%

✖ 4. 36.05%

Q.116 The National Rural Employment Programme (NREP) was launched during which of the following five year plans?

Ans ✖ 1. 7th Five Year Plan

✖ 2. 5th Five Year Plan

✖ 3. 8th Five Year Plan

✔ 4. 6th Five Year Plan

Q.117 When was the Battle of Kanauj fought?

Ans ✖ 1. 1526

✔ 2. 1540

✖ 3. 1556

✖ 4. 1567

Q.118 Which of the following banks appointed Amitava Chatterjee as its Managing Director and Chief Executive Officer, effective 30 December 2024?

Ans ✖ 1. ICICI Bank

✖ 2. State Bank of India

✖ 3. Punjab National Bank

✔ 4. Jammu & Kashmir Bank

Q.119 Which of the following is the name of the new high-quality malaria vaccine, developed by the Serum Institute of India and the University of Oxford, rolled out in Africa from July 2024?

Ans ✖ 1. R20

✖ 2. R24

✔ 3. R21

✖ 4. R22

Q.120 **Which commander in chief of British army captured Lucknow during the revolt of 1857?**

Ans ✗ 1. General Hugh Rose

✗ 2. William Taylor and Eye

✔ 3. Sir Colin Campbell

✗ 4. Colonel Oncell

Q.120 **Which commander in chief of British army captured Lucknow during the revolt of 1857?**

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