Exam Date	03/03/2025
Centre Name	iON Digital Zone iDZ 1 Chinamushidiwada
Exam Time	9:00 AM - 10:30 AM

* 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 A shopkeeper bought an item for ₹400. He sold it at a profit of 25%. Then, the buyer sold it to another person at a loss of 10%. What is the final selling price?

Ans
- ✗ 1. ₹500
- ✗ 2. ₹405
- ✓ 3. ₹450
- ✗ 4. ₹360

Q.2 The average of 12 numbers is 39. If the number 52 is also included, then what will be the average of these 13 numbers?

Ans
- ✗ 1. 43.33
- ✗ 2. 46
- ✗ 3. 42
- ✓ 4. 40

Q.3 Suji marked a dress 50% above the cost price. If she offers a discount of 30% on the marked price and the customer pays ₹5,250, the cost price is:

Ans
- ✗ 1. ₹5,500
- ✗ 2. ₹7,500
- ✗ 3. ₹6,075
- ✓ 4. ₹5,000

Q.4 Jitesh and Kamal can complete a certain piece of work in 7 and 16 days, respectively, They started to work together, and after 2 days, Kamal left. In how many days will Jitesh complete the remaining work?

Ans
- ✓ 1. $\dfrac{231}{56}$
- ✗ 2. $\dfrac{230}{57}$
- ✗ 3. $\dfrac{233}{58}$
- ✗ 4. $\dfrac{234}{56}$

Q.5 What is the average speed of a car which covers half the distance with a speed of 28 km/h and the other half with a speed of 84 km/h?

Ans
✔ 1. 42km/h

✘ 2. 38km/h

✘ 3. 43km/h

✘ 4. 39km/h

Q.6 The sum of five numbers is 655. The average of the first two numbers is 76 and the third number is 105. Find the average of the remaining two numbers?

Ans
✘ 1. 182

✘ 2. 200

✘ 3. 181

✔ 4. 199

Q.7 How many two-digit numbers are divisible by 5?

Ans
✘ 1. 19

✘ 2. 20

✔ 3. 18

✘ 4. 17

Q.8 Evaluate

$$\frac{0.0259 \times 2.61}{0.7 \times 18.5 \times 0.0087}.$$

Ans
✘ 1. 0.75

✘ 2. 0.54

✘ 3. 0.91

✔ 4. 0.6

Q.9 A real estate agent sells two sites for ₹48,000 each. On one he gains 35% and on the other he loses 35%. What is his loss or gain percentage?

Ans
✔ 1. 12.25% Loss

✘ 2. 12.75% Profit

✘ 3. 12.75% Loss

✘ 4. 12.25% Profit

Q.10 A sum, when invested at 10% simple interest per annum, amounts to ₹2640 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 1 year?

Ans
✔ 1. 220

✘ 2. 110

✘ 3. 880

✘ 4. 440

Q.11 A number when increased by 40 %', gives 3710. The number is:

Ans
✔ 1. 2650

✘ 2. 7950

✘ 3. 5300

✘ 4. 1325

Q.12 Manoj can do a piece of work in 8 hours. Anand can do it in 8 hours. With the assistance of Anil, they completed the work in 2 hours. In how many hours can Anil alone do it?

Ans ✔ 1. 4

✘ 2. 3

✘ 3. 6

✘ 4. 5

Q.13 Find x in the following:

$$6\frac{7}{15} + x = 8\frac{3}{5}$$

Ans ✔ 1. $2\frac{2}{15}$

✘ 2. $2\frac{3}{15}$

✘ 3. $6\frac{3}{5}$

✘ 4. $5\frac{4}{5}$

Q.14 PQRS is a parallelogram, PX ⊥ SR and RY ⊥ PS. If PQ = 21 cm, PX = 8 cm and RY = 12 cm, find PS.

Ans ✔ 1. 14 cm

✘ 2. 13 cm

✘ 3. 16 cm

✘ 4. 15 cm

Q.15 A vendor has 120 kg rice of one kind, 160 kg of another kind and 210 kg of a third kind. He wants to sell the rice by filling the three kinds of rice in bags of equal capacity. What should be the greatest capacity of such a bag?

Ans ✘ 1. 24 kg

✘ 2. 15 kg

✘ 3. 12 kg

✔ 4. 10 kg

Q.16 Two numbers X and Y are in ratio as 8 : 13. The LCM of these two numbers is 832. How much the value of Y is more than X?

Ans ✔ 1. 40

✘ 2. 45

✘ 3. 50

✘ 4. 30

Q.17 Ajay received ₹41,160 for lending ₹z for 3 years at the rate of 40% per annum compound interest. What is the value of z (in ₹)?

Ans ✘ 1. 15,750

✘ 2. 15,500

✘ 3. 15,250

✔ 4. 15,000

Q.18 If 25% of a number is added to 60, then the result is the same number. 80% of the same number is:

Ans ✘ 1. 94

✘ 2. 34

✘ 3. 84

✔ 4. 64

Q.19 A solid metallic hemisphere of radius 5.4 cm is melted and recast into a right circular cylinder of radius 12 cm. What is the height (in cm) of the cylinder?

Ans ✗ 1. 0.625

✔ 2. 0.729

✗ 3. 0.468

✗ 4. 0.325

Q.20 When the price of a portable hard disk is reduced by 24%, its sale increases by 35%. What is the net percentage change in the total revenue?

Ans ✗ 1. 6.2% increase

✔ 2. 2.6% increase

✗ 3. 6.2% decrease

✗ 4. 2.6% decrease

Q.21 Evaluate:

$$\sqrt{\left(3 + \sqrt{\left((32 + \sqrt{\left((8 + \sqrt{\left((57 + \sqrt{(49)})\right)})\right)})\right)})\right)}$$

Ans ✔ 1. 3

✗ 2. 5

✗ 3. 6

✗ 4. 4

Q.22 A man riding on a bicycle at a speed of 95 km/h crosses a bridge in 6 minutes. Find the length of the bridge?

Ans ✗ 1. 0.2 km

✔ 2. 9.5 km

✗ 3. 3.2 km

✗ 4. 4.6 km

Q.23 Evaluate: 2 × {17 - 2 × (11 -5)}

Ans ✗ 1. 14

✔ 2. 10

✗ 3. 7

✗ 4. 9

Q.24 Swara deposited ₹75,000 with a finance company for 3 years at an interest of 12% per annum, compounded annually. What is the compound interest that Swara gets after 3 years?

Ans ✗ 1. ₹33,609.25

✗ 2. ₹33,009.60

✔ 3. ₹30,369.60

✗ 4. ₹30,036.25

Q.25 A person can complete a journey in 22 hours. He covers the first one-third part of the journey at the rate of 15 km/h and the remaining distance at the rate of 45 km/h. What is the total distance of his journey (in km)?

Ans ✗ 1. 584

✗ 2. 590

✔ 3. 594

✗ 4. 585

Q.26 The average of first 122 odd natural numbers, is:

Ans ✗ 1. 121.5

    ✓ 2. 122

    ✗ 3. 123

    ✗ 4. 122.5

Q.27 Evaluate: 2 × {17 - 2 × (9 -4)}

Ans ✗ 1. 18

    ✗ 2. 11

    ✗ 3. 13

    ✓ 4. 14

Q.28 The sum of the length, width and depth of a cuboid is 8 cm and its diagonal is 5 cm. What is its surface area?

Ans ✓ 1. 39 cm^2

    ✗ 2. 64 cm^2

    ✗ 3. 25 cm^2

    ✗ 4. 89 cm^2

Q.29 An amount of ₹840 is divided among three persons in the ratio of 16 : 6 : 18. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans ✗ 1. 179

    ✗ 2. 169

    ✓ 3. 252

    ✗ 4. 168

Q.30 If 3 , 60 , 62 , and y are in proportion, then the value of y is:

Ans ✗ 1. 1234

    ✓ 2. 1240

    ✗ 3. 1245

    ✗ 4. 1249

Q.31 The sum of 8 numbers is 900. Find their average.

Ans ✗ 1. 111.5

    ✓ 2. 112.5

    ✗ 3. 110.5

    ✗ 4. 113.5

Q.32 Pipes A and B can empty a full tank in 5 hours and 12 hours respectively. Pipe C can fill the same empty tank in 2 hours. If all the three pipes are opened together, then the tank will be filled in:

Ans ✗ 1. $\dfrac{50}{13}$ hours

    ✗ 2. $\dfrac{65}{12}$ hours

    ✓ 3. $\dfrac{60}{13}$ hours

    ✗ 4. $\dfrac{55}{12}$ hours

Q.33 The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 128. Find the average of the remaining two numbers?

Ans
✗ 1. 205

✗ 2. 206

✗ 3. 187.5

✓ 4. 186.5

Q.34 If an electricity bill is paid before the due date, one gets a reduction of 5% on the amount of the bill. By paying the bill before the due date, a person got a reduction of ₹14. The amount of his electricity bill was:

Ans
✗ 1. ₹260

✗ 2. ₹250

✗ 3. ₹270

✓ 4. ₹280

Q.35 In covering a distance of 90 km, Anirudh takes 8 hours more than Burhan. If Anirudh doubles his speed, then he would take 7 hour less than Burhan. Anirudh's speed is:

Ans
✓ 1. 3 km/h

✗ 2. 10 km/h

✗ 3. 11 km/h

✗ 4. 8 km/h

Section : **General Intelligence and Reasoning**

Q.36 E, F, K, L, M and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6.
Only two people live between L and Z. Only K lives above E. F lives on an even numbered floor. L lives on the lowermost floor. How many people live between M and K?

Ans
✗ 1. One

✗ 2. Three

✗ 3. Four

✓ 4. Two

Q.37 Himanshu starts from Point A and drives 7 km towards the North. He then takes a left turn, drives 5 km, turns left and drives 10 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 3 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

Ans
✗ 1. 5 km to the west

✗ 2. 4 km to the east

✓ 3. 4 km to the west

✗ 4. 5 km to the east

Q.38 In a certain code language,
A + B means 'A is the brother of B',
A − B means 'A is the mother of B',
A x B means 'A is the daughter 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. Brother's daughter

✗ 2. Father's sister

✓ 3. Sister

✗ 4. Daughter

Q.39 Which of the following letter number-clusters will replace the question mark (?) in the given series to make it logically complete?

FI31 EH39 DG47 CF55 ?

Ans   ✗ 1. BF63

     ✔ 2. BE63

     ✗ 3. BE64

     ✗ 4. BF64

Q.40 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.
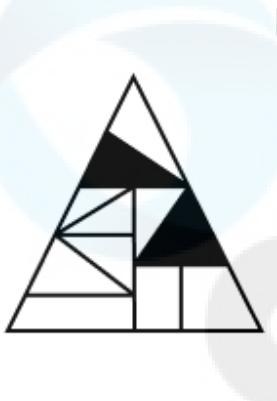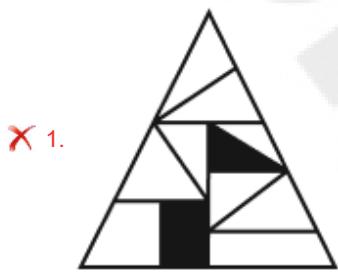
Q.41 Identify the option figure that can replace the question mark (?) in the following series to logically complete the series?

E O	Œ C	e E	O Œ	
C	E	Œ	e	?
Œ e	e O	O C	C E	

Ans

✘ 1.
E   e
O
C   Œ

✘ 2.
Œ   E
C
O   e

✘ 3.
C   Œ
E
O   e

✔ 4.
C   e
O
E   Œ
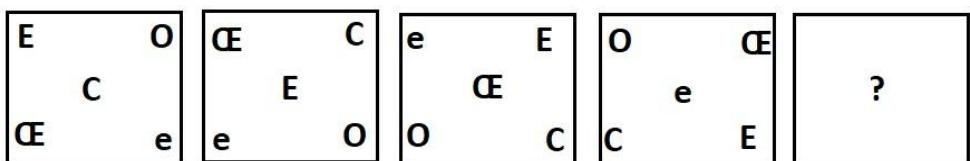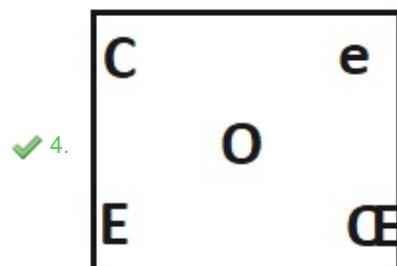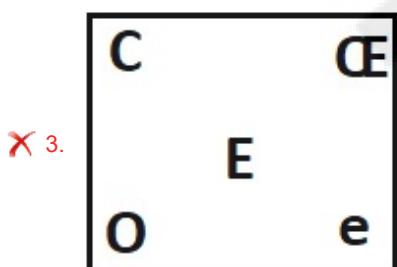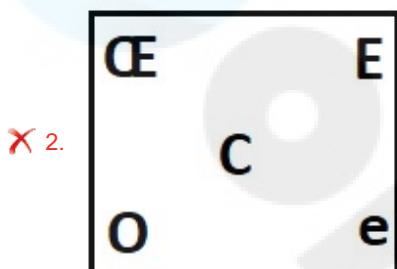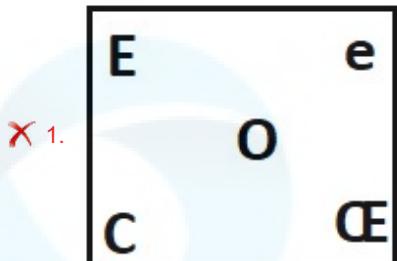
Q.42 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EJ23 FK34 GL45 HM56 ?

Ans ✘ 1. IM68

✔ 2. IN67

✘ 3. IN68

✘ 4. IM67

Q.43 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.
(Left) 2 6 # @ 8 $ 7 + 1 * £ 5 & 3 Ω 9 % 4 (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. 5

✘ 2. 6

✘ 3. 7

✘ 4. 4

Q.44 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EVM GXO IZQ KBS ?

Ans   ✗ 1. MUD

     ✗ 2. UMD

     ✔ 3. MDU

     ✗ 4. DUM

Q.45 In a certain code language, 'EDGEWAYS' is coded as 'ESYAWEGD' and 'GLYCERINE' is coded as 'GENIRECYL'. What is the code for 'JURISDICTION' in the given code language?

Ans   ✗ 1. NOITCIDSIRUJ

     ✗ 2. OITCIDSIRUJN

     ✗ 3. NJOITCIDSIRU

     ✔ 4. JNOITCIDSIRU

Q.46 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

TRC - USD
WXV - XYW

Ans   ✗ 1. MXO - NYQ

     ✔ 2. DFG - EGH

     ✗ 3. LON - NPM

     ✗ 4. SDF - TEH

Q.47 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 stones are buns.
All stones are papers.
All papers are marbles.

Conclusions:
(I) : All stones are marbles.
(II) : Some papers are buns.

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

     ✗ 2. Only conclusion (II) follows

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

     ✗ 4. Only conclusion (I) follows

Q.48 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only three people sit between E and B. G sits to the immediate left of B. No one sits to the right of D. Only two people sit between D and G. C sits to the immediate right of A. How many people sit to the right of B?

Ans   ✗ 1. 3

     ✗ 2. 1

     ✗ 3. 4

     ✔ 4. 2

Q.49 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

GHI : LMN
PQR : UVW

Ans ✔ 1. CDE : HIJ

✘ 2. KLM : OPQ

✘ 3. EFG : HIJ

✘ 4. STU : YZA

Q.50 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. SLJD

✔ 2. DWVO

✘ 3. XQOI

✘ 4. IBZT

Q.51 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 bulbs are grapes.
All grapes are lights.

Conclusions:
(I) : Some lights are grapes.
(II) : All bulbs are lights.

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.52 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 \ 9 + ? 5 # % * 2 2 + + 7 6 % 2 < ^ 7 (Right)

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

Ans ✘ 1. Three

✔ 2. Four

✘ 3. Two

✘ 4. One

Q.53 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. GM-QY

✘ 2. LR-VD

✘ 3. OU-YG

✔ 4. NT-EF

Q.54 What will come in place of the question mark (?) in the following equation if '−' and '+' are interchanged and '÷' and '×' are interchanged?

$$(7 - 4) \div (9 - 3) \times (9 + 3) = ?$$

Ans
  ✗ 1. 12

  ✗ 2. 11

  ✔ 3. 22

  ✗ 4. 6

Q.55 What will come in place of the question mark (?) in the following equation if '−' and '+' are interchanged and '÷' and '×' are interchanged?

$$17 + \sqrt[2]{9} \div \sqrt[2]{25} \times 5 - 10 = ?$$

Ans
  ✗ 1. 17

  ✗ 2. 10

  ✔ 3. 24

  ✗ 4. 2

Q.56 What will come in the place of '?' in the following equation, if '÷' and '−' are interchanged and '×' and '+' are interchanged?
36 × 104 − 13 + 8 ÷ 38 = ?

Ans
  ✗ 1. 42

  ✗ 2. 72

  ✗ 3. 52

  ✔ 4. 62

Q.57 This question is based on the five, three-digit numbers given below.

(Left) 354 756 423 635 679 (Right)

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

If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

Ans
  ✗ 1. None

  ✔ 2. Two

  ✗ 3. Three

  ✗ 4. One

Q.58 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 soaps are creams.
All creams are dispensers.
Some dispensers are lotions.
Conclusions:
(I): Some soaps are lotions.
(II): Some creams are lotions.

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.

Q.59 What should come in place of the question mark (?) in the given series?

21, 121, 601, 2401, 7201, ?

Ans ✗ 1. 7301

✗ 2. 1501

✓ 3. 14401

✗ 4. 7201

Q.60 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' and
'A @ B' means 'A is the father of B'.

How is K related to Y if 'K − L @ P # O % Y'?

Ans ✗ 1. Mother's sister

✓ 2. Mother's mother

✗ 3. Mother

✗ 4. Sister

Q.61 What should come in place of the question mark (?) in the given series?

17 20 29 44 65 ?

Ans ✓ 1. 92

✗ 2. 87

✗ 3. 78

✗ 4. 85

Q.62 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.
CBD−ZYA
YXZ−VUW

Ans ✗ 1. UST−RQS

✓ 2. HGI−EDF

✗ 3. UST−QPR

✗ 4. UTV−QQR

Q.63 In a certain code language, 'SALT' is coded as '1368' and 'TALC' is coded as '6581'.
What is the code for 'C' in the given code language?

Ans ✗ 1. 8

✗ 2. 1

✗ 3. 6

✓ 4. 5

Q.64 In a row of people all facing North, Ginny is 7th from the left end. Steve is 12th from the left end. Steve is exactly between Ginny and Kiran. If Kiran is 10th from the right end of the line, how many people are there in the row?

Ans ✗ 1. 24

✗ 2. 27

✗ 3. 25

✓ 4. 26

Q.65 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.)

55 - 46
30 - 21

Ans ✔ 1. 22 - 13

✖ 2. 113 - 106

✖ 3. 47 - 35

✖ 4. 13 - 5

Q.66 In a certain code language, 'put it away' is coded as 'aj tj tr' and 'it is raining' is coded as 'lo tr mo'. How is 'it' coded in the given language?

Ans ✖ 1. lo

✔ 2. tr

✖ 3. jk

✖ 4. aj

Q.67 What should come in place of the question mark (?) in the given series?

8 24 56 104 168 ?

Ans ✖ 1. 246

✔ 2. 248

✖ 3. 264

✖ 4. 240

Q.68 Mayank starts from Point A and drives 11 km towards West. He then takes a left turn, drives 8 km, turns right and drives 5 km. He then takes a right turn and drives 8 km. He takes a final left turn, drives 6 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. 20 km towards North

✔ 2. 22 km towards East

✖ 3. 19 km towards South

✖ 4. 21 km towards West

Q.69 Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only two people sit to the right of D. Only two people sit between D and E. Only two people sit between G and B. B sits to the immediate left of D. C sits to the immediate right of F. How many people sit between A and D?

Ans ✖ 1. 4

✖ 2. 3

✖ 3. 2

✔ 4. 1

Q.70 Seven people, E, F, G, H, X, Y and Z, are sitting in a row, facing north. Only two people sit between E and Y. Only F sits to the right of Z. Only one person sits between Y and Z. G sits at some place to the right of X but at some place to the left of H. How many people sit between H and X?

Ans ✖ 1. Four

✔ 2. Two

✖ 3. One

✖ 4. Three

Section : **General Awareness**

Q.71 In which year was the Border Roads Organisation established by the Government of India?

Ans
- ✔ 1. 1960
- ✘ 2. 1947
- ✘ 3. 1965
- ✘ 4. 1952

Q.72 Which five-year plan made in 1956 focused on the development of heavy industries like steel and construction of large dams?

Ans
- ✔ 1. Second Five-Year Plan
- ✘ 2. Fourth Five-Year Plan
- ✘ 3. First Five-Year Plan
- ✘ 4. Third Five-Year Plan

Q.73 Which of the following best describes seasonal unemployment?

Ans
- ✘ 1. Unemployment during economic downturns
- ✘ 2. Long-term unemployment
- ✔ 3. Unemployment during certain seasons of the year
- ✘ 4. Joblessness due to lack of skills

Q.74 Which metal coins of the Gupta period were known as 'Rūpaka'?

Ans
- ✘ 1. Iron coins
- ✔ 2. Silver coins
- ✘ 3. Copper coins
- ✘ 4. Gold coins

Q.75 What is the goal of the Mahatma Gandhi National Rural Employment Guarantee Act?

Ans
- ✘ 1. Provide rural infrastructure.
- ✘ 2. Eliminate farming as a livelihood.
- ✔ 3. Ensure at least 100 days of wage employment in a financial year.
- ✘ 4. Promote urbanisation in rural areas.

Q.76 The 31st edition of the Singapore India Maritime Bilateral Exercise (SIMBEX) was held in _____.

Ans
- ✘ 1. Mumbai
- ✔ 2. Visakhapatnam
- ✘ 3. Chennai
- ✘ 4. Cochin

Q.77 The Sustainable Development Goals (SDGs) are a set of 17 goals to help organise and streamline development actions for greater achievement of human well-being, while leaving no one behind by _____.

Ans
- ✘ 1. 2035
- ✘ 2. 2033
- ✔ 3. 2030
- ✘ 4. 2025

Q.78 SBI Card, India's largest pure-play credit card issuer, in partnership with Singapore Airlines, the national carrier of Singapore, has launched the _____ SBI Card in October 2024.

Ans ✔ 1. KrisFlyer

✘ 2. FlyMore

✘ 3. Aeroplan

✘ 4. AirPass

Q.79 In August 2024, the Reserve Bank of India (RBI) set up a 10-member committee under Deputy Governor Michael Debabrata Patra to benchmark its statistics against global standards. By when was/is the committee expected to submit its report?

Ans ✔ 1. End of November 2024

✘ 2. End of October 2024

✘ 3. End of September 2024

✘ 4. End of December 2024

Q.80 Prime Minister Narendra Modi addressed the _____U.N. General Assembly session in New York in September 2024.

Ans ✘ 1. 84th

✔ 2. 79th

✘ 3. 59th

✘ 4. 64th

Q.81 Which Iranian leader died due to a helicopter crash in May 2024?

Ans ✔ 1. Ebrahim Raisi

✘ 2. Yasser Arafat

✘ 3. Saddam Hussain

✘ 4. Ali Khameini

Q.82 Fundamental Rights have been provided in the Constitution under which Part?

Ans ✘ 1. Part I

✔ 2. Part III

✘ 3. Part IV

✘ 4. Part II

Q.83 What is the name of the law which states that in a mixture of gases, the total pressure is equal to the sum of the partial pressures of the individual gases?

Ans ✘ 1. Avogadro's Law of Partial Pressures

✘ 2. Boyle's Law of Partial Pressures

✘ 3. Charles's Law of Partial Pressures

✔ 4. Dalton's Law of Partial Pressures

Q.84 In which of the following states did the 38th National Games take place from 28 January to 14 February 2025?

Ans ✔ 1. Uttarakhand

✘ 2. Punjab

✘ 3. Goa

✘ 4. Bihar

Q.85 Avogadro's Law is correctly represented by which of the following statements?

Ans ✗ 1. The volume of a gas is directly proportional to its temperature at constant pressure.

✓ 2. Equal volumes of gases at the same temperature and pressure contain an equal number of molecules.

✗ 3. The pressure of a gas is directly proportional to its absolute temperature at constant volume.

✗ 4. The total pressure of a mixture of gases is equal to the sum of the partial pressures of the individual gases.

Q.86 Which of the following is a prominent feature of the Thar Desert?

Ans ✗ 1. Dense forests

✗ 2. River valleys

✓ 3. Sand dunes

✗ 4. Rocky mountains

Q.87 The Rutherford nuclear model of atom predicts that atoms are unstable because the accelerated electrons revolving around the nucleus must be _____ in the nucleus.

Ans ✓ 1. spiral

✗ 2. circular

✗ 3. linear

✗ 4. elliptical

Q.88 Which of the following Acts provided for the establishment of an All-India Federation consisting of provinces and princely states as units?

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.89 Ramanuja, who propounded the doctrine of Vishishtadvaita and who believed that the best means of attaining salvation was through intense devotion to Vishnu, was born in which Indian state in the 11th Century?

Ans ✗ 1. Maharashtra

✗ 2. Kerala

✓ 3. Tamil Nadu

✗ 4. Gujarat

Q.90 The weighted average lending rate (WALR) on fresh rupee loans rose by how many basis points (bps) from May 2022 to August 2024, in India?

Ans ✓ 1. 190 bps

✗ 2. 119 bps

✗ 3. 243 bps

✗ 4. 100 bps

Q.91 Who among the following was the British General who suppressed the Revolt of 1857 in Delhi?

Ans ✗ 1. Henry Lawrence

✗ 2. Sir Colin Campbell

✓ 3. John Nicholson

✗ 4. General Hugh Rose

Q.92 Who among the following was sent to India in March 1942 to seek the cooperation of the Indian political groups?

Ans
✗ 1. Geoffrey Howe

✗ 2. William Pitt

✗ 3. Philip Hammond

✓ 4. Stafford Cripps

Q.93 What does LPG stand for in the context of India's economic reforms?

Ans
✓ 1. Liberalisation, Privatisation, Globalisation

✗ 2. Labour Policy Guidelines

✗ 3. Liquefied Petroleum Gas

✗ 4. Low Price Goods

Q.94 In August 2024, Bharat Biotech International Ltd launched Hillchol, a novel single-strain oral vaccine for which disease?

Ans
✗ 1. Measles

✗ 2. Cancer

✓ 3. Cholera

✗ 4. Chicken pox

Q.95 On which of the following scientific principles does a hydroelectric power generator work?

Ans
✓ 1. Conversion of gravitational potential energy into electrical energy using flowing water

✗ 2. Extraction of geothermal energy of ocean to produce electricity

✗ 3. Separation of hydrogen from water and then burning it to generate electricity

✗ 4. Heating water to produce steam and then running steam engine to generate electricity

Q.96 Which extremist leader is known as 'Lokmanya'?

Ans
✗ 1. Bipin Chandra Pal

✗ 2. Lala Lajpat Rai

✗ 3. Aurobindo Ghosh

✓ 4. Bal Gangadhar Tilak

Q.97 In September 2024, India Defence Aviation Exposition (IDAX-24) was held in _____.

Ans
✗ 1. Lucknow

✓ 2. Jodhpur

✗ 3. Jaipur

✗ 4. Chennai

Q.98 Who appoints the Chairman and members of the State Administrative Tribunals (SATs)?

Ans
✗ 1. The Prime Minister of India, after consulting the Chief Minister of the state

✗ 2. The Chief Justice of the concerned High Court

✗ 3. The Governor of the concerned state

✓ 4. The President of India, after consultation with the Governor of the concerned state

Q.99 The Fundamental Duties in the Indian Constitution have been inspired by which of the following countries' constitution?

Ans
✗ 1. The United States of America

✗ 2. Germany

✗ 3. Ireland

✓ 4. Erstwhile USSR

Q.100 Which plateau in India is known for its rich gold deposits?

Ans
- ✗ 1. Bundelkhand Plateau
- ✗ 2. Malwa Plateau
- ✓ 3. Deccan Plateau
- ✗ 4. Chota Nagpur Plateau

Q.101 During which movement in 1920 did Mahatma Gandhi call for the boycott of foreign clothes in West Godavari?

Ans
- ✗ 1. Ghadar Movement
- ✗ 2. Civil Disobedience Movement
- ✗ 3. Quit India Movement
- ✓ 4. Non-cooperation Movement

Q.102 Which of the following Articles of the Indian Constitution guarantees 'Equality before the Law' and 'Equal protection of the law'?

Ans
- ✗ 1. Article 12
- ✗ 2. Article 19
- ✗ 3. Article 16
- ✓ 4. Article 14

Q.103 What is the Standard Meridian of India?

Ans
- ✗ 1. 90° 30' E
- ✗ 2. 68°7' E
- ✗ 3. 77°30' E
- ✓ 4. 82°30' E

Q.104 Which of the following is NOT a team in Pro Kabaddi league 2024?

Ans
- ✗ 1. Puneri Paltan
- ✓ 2. Kolkata Pirates
- ✗ 3. Gujrat Giants
- ✗ 4. Haryana Steelers

Q.105 Who among the following is NOT a part of the Union Cabinet?

Ans
- ✗ 1. The Prime Minister
- ✗ 2. Minister of State without independent charge
- ✗ 3. Minister of State with independent charge
- ✓ 4. Chief Minister of a State

Q.106 In 2024, IIT Kanpur introduced the Continuing Medical Education (CME) Programme to up-skill which group of professionals?

Ans
- ✗ 1. Hospital administrators and managers
- ✗ 2. Medical researchers and scientists
- ✗ 3. Pharmaceutical technicians
- ✓ 4. Medical officers and paramedical staff

Q.107 Which of the following scientists is known as the Father of the Green Revolution in India?

Ans
- ✓ 1. MS Swaminathan
- ✗ 2. Vikram Sarabhai
- ✗ 3. Homi Bhabha
- ✗ 4. CV Raman

Q.108 Purusha Sukta is mentioned in which of the following Vedas?

Ans ✗ 1. Samaveda

✔ 2. Rigveda

✗ 3. Atharvaveda

✗ 4. Yajurveda

Q.109 When did UNESCO inscribe the Kumbh Mela in its list of Intangible Cultural Heritage of Humanity?

Ans ✗ 1. 2018

✗ 2. 2015

✔ 3. 2017

✗ 4. 2016

Q.110 Which region in India has the highest annual rainfall?

Ans ✗ 1. Ladakh

✗ 2. Northern Ganga plain

✔ 3. East Khasi Hills

✗ 4. Western Rajasthan

Q.111 National Logistics Policy (NLP) was launched in the year _____ and aims to lower the cost of logistics from the existing 13-14% and lead it to par with other developed countries.

Ans ✔ 1. 2022

✗ 2. 2020

✗ 3. 2021

✗ 4. 2023

Q.112 Which of the following online travel platforms has teamed up with Bank of Baroda to introduce a co-branded travel debit card in September 2024?

Ans ✗ 1. MakeMyTrip.com

✗ 2. Yatra.com

✔ 3. EaseMyTrip.com

✗ 4. Agoda.com

Q.113 The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple of Puri, popularly known as 'Rath Yatra', starts in the Hindu month of _____.

Ans ✔ 1. Ashadha

✗ 2. Bhadra

✗ 3. Shravana

✗ 4. Jyeshtha

Q.114 What percentage of the total Union Budget does the Defence Budget constitute for the Financial Year 2024-25?

Ans ✗ 1. 11.5%

✗ 2. 12.3%

✔ 3. 13.04%

✗ 4. 10.8%

Q.115 Which of the following metals is extracted from the Monazite sand in plenty in India?

Ans ✗ 1. Gold

✓ 2. Thorium

✗ 3. Copper

✗ 4. Bauxite

Q.116 If an object is moving along a straight line and with respect to some reference point, its position is x_1 at time t_1 and becomes x_2 at time t_2. The average velocity of the object during this time interval would be:

Ans ✗ 1. $(x_2 - x_1) / t_2$

✗ 2. $(x_2 / t_2) + (x_1 / t_1)$

✗ 3. $x_2 / (t_2 - t_1)$

✓ 4. $(x_2 - x_1) / (t_2 - t_1)$

Q.117 Which of the following is a Directive Principle of State Policy mentioned in the Indian Constitution?

Ans ✗ 1. Constitutional remedies for enforcement of rights of the public

✓ 2. Provision for a uniform civil code

✗ 3. Prohibition of discrimination on grounds of religion

✗ 4. To make provision for freedom of speech

Q.118 According to the Economic Survey 2023-24 presented in Parliament on 22 July 2024, capital expenditure for FY24 stood at ₹9.5 lakh crore, an increase of _____ on a year-on-year basis?

Ans ✗ 1. 19.3%

✗ 2. 17.6%

✗ 3. 15.2%

✓ 4. 28.2%

Q.119 The traditional Hindu festival of Chhath, observed by people all over Bihar, Jharkhand and parts of Uttar Pradesh, takes place after the festival of _____.

Ans ✗ 1. Dussehra

✗ 2. Holi

✓ 3. Diwali

✗ 4. Sankranti

Q.120 Which place is the junction of the East-West and North-South corridors in India?

Ans ✗ 1. Bhopal

✓ 2. Jhansi

✗ 3. Lucknow

✗ 4. Jabalpur