Exam Date	10/03/2025
Centre Name	iON Digital Zone iDZ Kalyani
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 Three numbers are in the ratio of 2 : 5 : 7, and their least common multiple (LCM) is 1050. Determine their greatest common divisor (GCD).

Ans ✗ 1. 12

✓ 2. 15

✗ 3. 18

✗ 4. 24

Q.2

The value of $\left(\frac{64}{25}\right)^{-\left(\frac{3}{2}\right)} \times \left(\frac{2}{5}\right)^{6} \div \sqrt[4]{(16)^{-3}}$ is:

Ans

✗ 1. $\dfrac{1}{121}$

✓ 2. $\dfrac{1}{125}$

✗ 3. $\dfrac{1}{120}$

✗ 4. $\dfrac{1}{126}$

Q.3 Diya borrowed a sum of ₹25,000 from Abha for two years. If the rate of interest is 8% compounded annually, find the amount that Diya has to pay back.

Ans ✓ 1. ₹29,160

✗ 2. ₹27,610

✗ 3. ₹28,360

✗ 4. ₹26,910

Q.4 A boat covers 4 km upstream and 15 km downstream in 7 hours, while it covers 16 km upstream and 35 km downstream in 23 hours. What is the speed of the current?

Ans ✗ 1. 1 km/hr

✓ 2. 2 km/hr

✗ 3. 2.5 km/hr

✗ 4. 1.5 km/hr

Q.5 How many seconds will a boy take to run one complete round around a square field of side 78 metres, if he runs at a speed of 13 km/h?

Ans ✔ 1. 86.4

✘ 2. 94

✘ 3. 86

✘ 4. 79

Q.6 A number is increased by 30% and then decreased by 30%. Find the net change (in per cent) in the number.

Ans ✘ 1. 10% increase

✘ 2. 10% decrease

✘ 3. 9% increase

✔ 4. 9% decrease

Q.7 A television is marked at ₹50,000. The store offers a 25% discount and an additional 10% discount on the discounted price. After these discounts, the buyer has to pay 5% GST on the final price. What is the final amount paid by the buyer?

Ans ✘ 1. ₹36,400

✔ 2. ₹35,437.50

✘ 3. ₹35,000

✘ 4. ₹37,600.50

Q.8 An amount of ₹903 is divided among three persons in the ratio of 6 : 2 : 7. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans ✘ 1. 367

✔ 2. 301

✘ 3. 249

✘ 4. 341

Q.9 Find the least value of k so that the 8-digit number 198754k8 is divisible by 8.

Ans ✘ 1. 4

✔ 2. 0

✘ 3. 1

✘ 4. 2

Q.10 Evaluate: 41 - [36 - {48 ÷ 2 - (6 - 12 ÷ 3) ÷ 2}]

Ans ✘ 1. 29

✘ 2. 30

✔ 3. 28

✘ 4. 27

Q.11 Simplify the following:

$$1\frac{3}{5} + 2\frac{8}{9} + 3\frac{7}{5} + 4\frac{6}{5}$$

Ans ✘ 1. $14\frac{3}{45}$

✘ 2. $14\frac{1}{45}$

✘ 3. $14\frac{2}{45}$

✔ 4. $14\frac{4}{45}$

Q.12 A sum, when invested at 10% simple interest per annum, amounts to ₹3120 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 1 year?

Ans ✗ 1. 480

✗ 2. 120

✗ 3. 960

✔ 4. 240

Q.13 The average of the marks of 14 students in a class is 65. If the marks of each student are doubled, find the new average?

Ans ✔ 1. 130

✗ 2. 65

✗ 3. 14

✗ 4. 28

Q.14 A shopkeeper mixes two types of rice costing ₹385 per five kg and ₹540 per five kg in the ratio of 9 : 11. Find the net cost of resulting mixture per 2 kg.

Ans ✗ 1. ₹186.20

✗ 2. ₹192.70

✗ 3. ₹178.50

✔ 4. ₹188.10

Q.15 A man buys an old scooter for ₹6,600 and spends ₹900 on its repairs. If he sells the scooter for ₹9,000, then what is his gain percentage?

Ans ✗ 1. 25%

✗ 2. 21%

✗ 3. 18%

✔ 4. 20%

Q.16 An amount of ₹50,000 is invested at an annual interest rate of 4%, compounded half yearly. What will be the total amount after 2 years (round up to two decimal places)?

Ans ✗ 1. ₹52,121.61

✗ 2. ₹55,000

✔ 3. ₹54,121.61

✗ 4. ₹53,120

Q.17 In a race, an athlete covers a distance of 420 m in 70 sec in the first lap. He covers the second lap of the same length in 140 sec. What is the average speed (in m/sec) of the athlete?

Ans ✗ 1. 1

✔ 2. 4

✗ 3. 8

✗ 4. 2

Q.18 Three taps P, Q and R can together fill an empty cistern in 12 minutes. Tap P alone can fill the cistern in 36 minutes, and tap Q alone can fill it in 42 minutes. How long will tap R alone take to fill the cistern?

Ans ✗ 1. 30 minutes

✗ 2. $29\frac{1}{3}$ minutes

✔ 3. $31\frac{1}{2}$ minutes

✗ 4. 28 minutes

Q.19 The perimeter of a regular hexagon is 138 cm. How long is each side?

Ans ✗ 1. 17.25 cm

✔ 2. 23 cm

✗ 3. 27.5 cm

✗ 4. 11.5 cm

Q.20 A solid rubber sphere weighs 40 kg when its diameter is 8 cm. Using the same material, a hollow sphere is made with an outer diameter of 16 cm and inner diameter of 12 cm. What is its weight?

Ans ✗ 1. 80 kg

✗ 2. 240 kg

✔ 3. 185 kg

✗ 4. 120 kg

Q.21 A retailer buys an electronic item for ₹175. His overhead expenses are ₹25. He sells the electronic item for ₹400 and makes x%' profit. The value of x is:

Ans ✔ 1. 100

✗ 2. 120

✗ 3. 90

✗ 4. 80

Q.22 A bike goes 89 meters in a second. Find its speed in km/hr.

Ans ✔ 1. 320.4

✗ 2. 327.6

✗ 3. 329.6

✗ 4. 315.9

Q.23 Pipe P can fill $\frac{4}{7}$ part of a tank in 16 hours and pipe Q can fill $\frac{5}{7}$ part of the same tank in 20 hours. Both P and Q were kept open for 2 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 4 hours. Pipes P, Q and R together can fill the empty tank in:

Ans ✗ 1. 11 hours

✗ 2. 29 hours

✔ 3. 28 hours

✗ 4. 20 hours

Q.24 The sum of five numbers is 655. The average of the first two numbers is 75 and the third number is 127. Find the average of the remaining two numbers?

Ans ✗ 1. 203

✔ 2. 189

✗ 3. 190

✗ 4. 202

Q.25 Out of the fractions $\frac{9}{31}, \frac{3}{17}, \frac{6}{23}$ and $\frac{6}{11}$, which is the largest?

Ans ✗ 1. $\dfrac{3}{17}$

✔ 2. $\dfrac{6}{11}$

✗ 3. $\dfrac{9}{31}$

✗ 4. $\dfrac{6}{23}$

Q.26 If 100 : y :: y : 36, find the positive value of y.

Ans ✓ 1. 60

✗ 2. 58

✗ 3. 69

✗ 4. 52

Q.27 Find the value of $\left(\dfrac{1}{3}\right)^{-4} + \left(\dfrac{1}{6}\right)^{-4} + \left(\dfrac{1}{8}\right)^{-4}$.

Ans ✗ 1. 5772

✗ 2. 4769

✓ 3. 5473

✗ 4. 4776

Q.28 The average of first 136 even numbers is

Ans ✗ 1. 137.5

✗ 2. 136.5

✗ 3. 138

✓ 4. 137

Q.29 A number when increased by 40 %', gives 3920. The number is:

Ans ✗ 1. 5600

✗ 2. 1400

✗ 3. 8400

✓ 4. 2800

Q.30 Pipes A and B can fill an empty cistern in 72 minutes and 51 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 34 minutes?

Ans ✗ 1. 35 min

✗ 2. 30 min

✗ 3. 20 min

✓ 4. 24 min

Q.31 The sum of five numbers is 655. The average of the first two numbers is 78 and the third number is 119. Find the average of the remaining two numbers?

Ans ✗ 1. 197

✗ 2. 198

✗ 3. 191

✓ 4. 190

Q.32 Find the surface area of a cube-shaped box having a side of 7 cm.

Ans ✗ 1. 290 cm^2

✓ 2. 294 cm^2

✗ 3. 280 cm^2

✗ 4. 147 cm^2

Q.33 The greatest number that exactly divides 324, 1044 and 1548 is:

Ans ✗ 1. 33

✗ 2. 39

✓ 3. 36

✗ 4. 28

Q.34 After 59 litres of petrol was poured into an empty storage tank, it was still 1% empty. How much petrol must be poured (in litres, rounded off to one decimal place) into the storage tank in order to fill it?

Ans
✔ 1. 59.6

✘ 2. 58.6

✘ 3. 60

✘ 4. 60.6

Q.35 Rizwan bought a kurta-pajama set for ₹1,116 from a new year sale offering 28% off on all the purchases. What was the marked price (in ₹) on the kurta-pajama set?

Ans
✘ 1. 1,500

✘ 2. 1,575

✔ 3. 1,550

✘ 4. 1,525

Section : General Intelligence and Reasoning

Q.36 In a certain code language, 'the car crashed' is coded as 'al tk jb' and 'answer the call' is coded as 'mo jb tu'. How is 'the' coded in the given language?

Ans
✘ 1. tu

✘ 2. tk

✘ 3. al

✔ 4. jb

Q.37 In a certain code language,
A@ B means 'A is the sister 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 S related to T if 'S # D @ R & Y + T'?

Ans
✘ 1. Father

✔ 2. Wife's father

✘ 3. Brother

✘ 4. Wife's brother

Q.38 Refer to the following series and answer the question (all numbers are single digit numbers only).

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

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

Ans
✘ 1. Three

✘ 2. Four

✘ 3. One

✔ 4. Two

Q.39 In a certain code language,
'A = B' means 'A is the sister 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 Q related to U if 'Q * W = R $ T @ U'?

Ans
✘ 1. Wife's brother
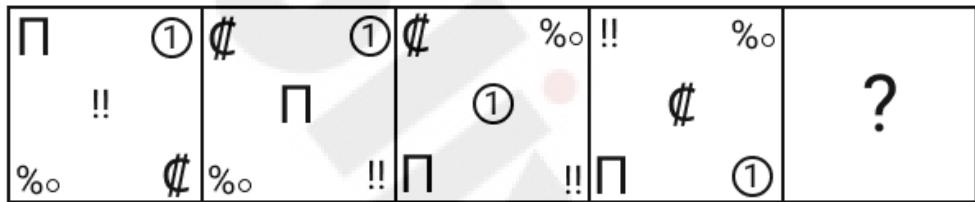
✔ 2. Wife's father

✘ 3. Brother

✘ 4. Father

Q.40 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', what will come in place of the question mark (?) in the following equation?

7 B 3 A 3 C 5 D 2 = ?

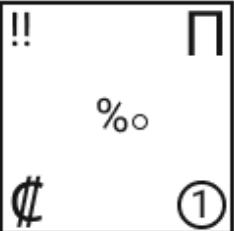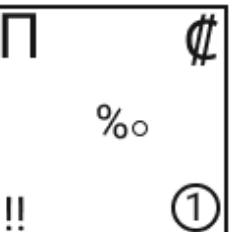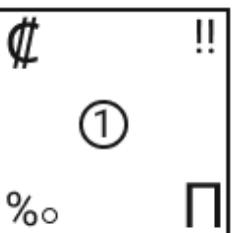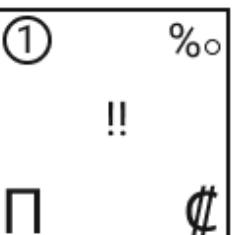Ans   ✗ 1. 4

     ✗ 2. 5

     ✔ 3. 10

     ✗ 4. 8

Q.41 In a given number 82617543, if 1 is added to each even digit and 1 is subtracted from each odd digit, what will be the sum of all the odd digits in the new number thus formed?

Ans   ✗ 1. 12

     ✗ 2. 19

     ✗ 3. 16

     ✔ 4. 24

Q.42 Select the figure from among the given options that can replace the question mark (?) to logically complete the following series.

Ans

✔ 1.

✗ 2.

✗ 3.

✗ 4.

Q.43 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 computers are tablets.
Some tablets are scanners.
All scanners are printers.

Conclusions:
(I) Some printers are tablets.
(II) All scanners are computers.

Ans ✔ 1. Only conclusion (I) follows.

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

✘ 3. Both conclusions (I) and (II) follow.

✘ 4. Only conclusion (II) follows.

Q.44 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.
HDB–FBZ
IEC–GCA

Ans ✘ 1. VRP–SPM

✔ 2. RNL–PLJ

✘ 3. VQN–SOM

✘ 4. VQN–TPN

Q.45 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

OWEM XFNV GOWE PXFN ?

Ans ✘ 1. YOGO

✘ 2. YGWO

✔ 3. YGOW

✘ 4. WOGY

Q.46 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 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 pair.)

Ans ✘ 1. DK-LU

✘ 2. JQ-RA

✘ 3. QX-YH

✔ 4. MR-CJ

Q.47 What should come in place of the question mark (?) in the given series?

33 46 72 111 163 ?

Ans ✘ 1. 226

✘ 2. 224

✘ 3. 222

✔ 4. 228

Q.48 Refer to the following number series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only.

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

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

Ans   ✗ 1. Three

     ✓ 2. More than three

     ✗ 3. Two

     ✗ 4. One

Q.49 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.)

(25, 21, 14)
(82, 78, 71)

Ans   ✗ 1. (12, 8, 2)

     ✓ 2. (37, 33, 26)

     ✗ 3. (31, 26, 19)

     ✗ 4. (10, 4, 3)

Q.50 Paran ranked 10th from the top and 13th from the bottom in his class. How many students are there in his class?

Ans   ✓ 1. 22

     ✗ 2. 20

     ✗ 3. 23

     ✗ 4. 21

Q.51 In a certain code language, 'RANK' is coded as '1892' and 'RAIN' is coded as '9126'. What is the code for 'I' in the given code language?

Ans   ✗ 1. 2

     ✓ 2. 6

     ✗ 3. 9

     ✗ 4. 1

Q.52 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. NVD

     ✓ 2. MVC

     ✗ 3. OWE

     ✗ 4. KSA

Q.53 Refer to the given number, 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) 1 7 9 6 $ 5 7 8 4 = 6 3 % 7 5 # 8 @ 2 + 5 7 & 4 1 (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?
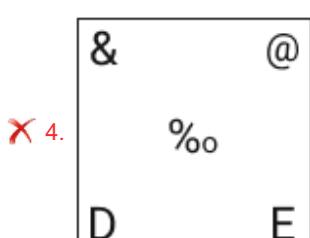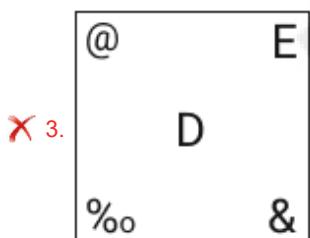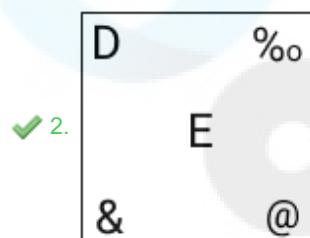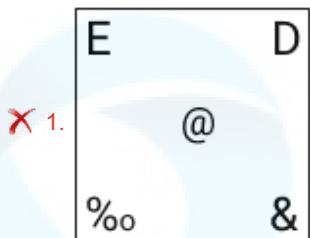
Ans   ✗ 1. One

     ✓ 2. Two

     ✗ 3. Four

     ✗ 4. Three

Q.54 Select the figure from among the given options that can replace the question mark (?) to logically complete the following series.

‰ @ &	@ &	E D	E
D	‰	@	& ?
E & E	D ‰	D ‰	@

Ans

✗ 1.

E		D
	@	
‰		&

✔ 2.

D		‰
	E	
&		@

✗ 3.

@		E
	D	
‰		&

✗ 4.

&		@
	‰	
D		E

Q.55 G, H, J, K, L and P 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 J and K. Only two people live between P and H. No one lives above P. K lives below H, but above L. How many people lives below G?

Ans ✗ 1. Two

✗ 2. One

✔ 3. Three

✗ 4. Four

Q.56 Seven students, Q, R, S, T, W, X and Y, are sitting in a straight line facing north. Only two people sit to the right of W. Only two people sit between W and X. Only two people sit between Y and R. R sits to the immediate left of W. S sits to the immediate right of Q. How many people sit between S and T?

Ans ✗ 1. Two

✔ 2. Three

✗ 3. One

✗ 4. Four

Q.57 What should come in place of the question mark (?) in the given series?

5 9 17 29 45 ?

Ans ✔ 1. 65

✘ 2. 66

✘ 3. 67

✘ 4. 64

Q.58 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

KDWP PIBU UNGZ ZSLE ?

Ans ✘ 1. ERTD

✘ 2. EQJX

✘ 3. EDRT

✔ 4. EXQJ

Q.59 A, B, C, D, and E are sitting around a circular table facing the centre. D sits third right to A. A is not an immediate neighbour of B. C is the immediate left neighbour of B. How many people sit between A and E when counted from the right of A?

Ans ✘ 1. Four

✘ 2. One

✔ 3. Three

✘ 4. Zero

Q.60 What should come in place of the question mark (?) in the given series?

17 32 62 107 167 ?

Ans ✘ 1. 275

✔ 2. 242

✘ 3. 224

✘ 4. 257

Q.61 Raj starts from Point A and drives 15 km towards the west. He then takes a right turn, drives 6 km, turns right and drives 5 km. He then takes a left turn and drives 4 km. He takes a final right turn, drives 10 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. 12 km towards the north

✘ 2. 15 km towards the west

✔ 3. 10 km towards the south

✘ 4. 15 km towards the east

Q.62 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:
No doors are rugs.
No rugs are leopards.

Conclusions:
(I) : No leopards are doors.
(II) : Some doors are not leopards.

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

✘ 2. Only conclusion (II) follows

✘ 3. Only conclusion (I) follows

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

Q.63 STEM is related to WXIQ 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 FLAG related, following the same logic?

Ans   ✗ 1. KPOK

       ✗ 2. KPEL

       ✔ 3. JPEK

       ✗ 4. JOEK

Q.64 Deepak starts from Point Y and drives 73 km towards east. He then takes a right turn, drives 37 km, turns right and drives 29 km. He then takes a right turn and drives 61 km. He takes a left turn, drives 44 km. He then turns right, drives 22 km and stops at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)

Ans   ✗ 1. 35 km towards west

       ✗ 2. 42 km towards north

       ✗ 3. 51 km towards south

       ✔ 4. 46 km towards south

Q.65 In a certain code language, 'where is it' is coded as 'pn tp or' and 'is this how' is coded as 'oq rd tp'. How is 'is' coded in the given language?

Ans   ✗ 1. or

       ✗ 2. rd

       ✗ 3. pn

       ✔ 4. tp

Q.66 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

JKL3, KJM4, LIN5, MHO6, ?

Ans   ✗ 1. N7GP

       ✗ 2. NPG7

       ✗ 3. PNG7

       ✔ 4. NGP7

Q.67 If # means ÷, $ means +, @ means − and & means ×, then what will come in place of the question mark (?) in the following equation?

12$10#5@2&6#3 = ?

Ans   ✔ 1. 10

       ✗ 2. 18

       ✗ 3. 1

       ✗ 4. 5

Q.68 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

FM-HO-JL
HO-JQ-LN

Ans   ✔ 1. LS-NU-PR

       ✗ 2. KS-NV-PQ

       ✗ 3. KS-NU-PQ

       ✗ 4. LS-NU-PS

Q.69 Six people E, F, G, X, Y, and Z are sitting in a row facing north. Only two persons sit to the right of Y. Z sits third to the left of Y. Only one person sits between X and Z. E sits to the immediate left of G. How many people sit between F and E?

Ans ✗ 1. Three

✗ 2. Four

✗ 3. One

✔ 4. Two

Q.70 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All bands are gardens.
No band is a hen.
Conclusions:
(I): Some hens are gardens.
(II): All gardens are hens.

Ans ✗ 1. Only conclusion (II) follows.

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

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

✗ 4. Only conclusion (I) follows.

Section : **General Awareness**

Q.71 If a magnetic field is applied parallel to a charge moving in a straight line, the direction of the charge will be:

Ans ✗ 1. circular

✗ 2. spiral

✔ 3. rectilinear

✗ 4. elliptical

Q.72 Which of the following states is home to India's first Multi-Modal Logistics Park (MMLP)?

Ans ✗ 1. Tamil Nadu

✔ 2. Assam

✗ 3. Gujarat

✗ 4. Maharashtra

Q.73 Who has been appointed as the Executive Director (Whole-Time Director) of YES Bank for a three-year term starting 11 December 2024?

Ans ✗ 1. Rajesh Sharma

✔ 2. Manish Jain

✗ 3. Anil Kumar

✗ 4. Deepak Mehra

Q.74 Lactic acid is primarily found in which of the following kitchen ingredients?

Ans ✔ 1. Curd

✗ 2. Salt

✗ 3. Lemon

✗ 4. Sugar

Q.75 Who was an ambassador sent to the court of Chandragupta by the Greek ruler of West Asia?

Ans
- ✗ 1. Seleucus
- ✗ 2. Sayyid Beg
- ✗ 3. Dionysius
- ✔ 4. Megasthenes

Q.76 Which state launched Deepam-2 scheme to provide free LPG cylinders to eligible beneficiaries?

Ans
- ✗ 1. Telangana
- ✗ 2. Odisha
- ✗ 3. Tamil Nadu
- ✔ 4. Andhra Pradesh

Q.77 Which of the following Fundamental Duties instructs a parent to provide opportunities of education to their child between the age of 6 and 14 years?

Ans
- ✔ 1. 11th
- ✗ 2. 8th
- ✗ 3. 10th
- ✗ 4. 9th

Q.78 What is the minimum age prescribed in the Constitution of India for a person to be appointed as a High Court Judge?

Ans
- ✗ 1. 30 years
- ✗ 2. 25 years
- ✗ 3. 32 years
- ✔ 4. No minimum age is prescribed in the Constitution.

Q.79 The Green Revolution in India began in which decade?

Ans
- ✗ 1. 1970s
- ✗ 2. 1950s
- ✔ 3. 1960s
- ✗ 4. 1980s

Q.80 Which of the following approaches is associated with Prof. Amartya Sen, as per which building human capabilities in the areas of health, education and access to resources is the key to human development?

Ans
- ✔ 1. Capability Approach
- ✗ 2. Income Approach
- ✗ 3. Basic Needs Approach
- ✗ 4. Welfare Approach

Q.81 What is the geological origin of the Peninsular Plateau?

Ans
- ✗ 1. Tethys Sea deposits
- ✔ 2. Gondwana land
- ✗ 3. Himalayan uplift
- ✗ 4. Indo-Gangetic alluvium

Q.82 India's first Export Processing Zone (EPZ) was established in:

Ans
- ✗ 1. Chennai
- ✗ 2. Mumbai
- ✗ 3. Bengaluru
- ✔ 4. Kandla

Q.83 India's heavy communication satellite GSAT-20 was developed by _____.

Ans ✓ 1. ISRO

✗ 2. DRDO

✗ 3. SAIL

✗ 4. BHEL

Q.84 In 1919, when the Montagu-Chelmsford Reforms were introduced in India, Lord Chelmsford was the:

Ans ✗ 1. British Prime Minister

✗ 2. Governor General of India

✓ 3. Viceroy of India

✗ 4. Secretary of State for India

Q.85 Which of the following Governor Generals of British India introduced the Permanent Settlement of Land Revenue in 1793?

Ans ✓ 1. Lord Cornwallis

✗ 2. Lord Wellesley

✗ 3. Sir John Shore

✗ 4. Lord Warren Hastings

Q.86 Which organization is primarily responsible for promoting free trade among nations?

Ans ✗ 1. World Bank

✗ 2. International Monetary Fund (IMF)

✗ 3. United Nations (UN)

✓ 4. World Trade Organization (WTO)

Q.87 A stone of mass m tied to a rope is rotated in vertical circular path of radius r with uniform speed v. The total downwards forces acted on the stone at the lowest point is:

Ans ✗ 1. mg

✗ 2. $mv^2/r - mg$

✗ 3. $mg - mv^2/r$

✓ 4. $mv^2/r + mg$

Q.88 Which Five-Year Plan in India primarily focused on agriculture and irrigation to support the Green Revolution?

Ans ✗ 1. Third Five-Year Plan

✗ 2. Fourth Five-Year Plan

✗ 3. Second Five-Year Plan

✓ 4. First Five-Year Plan

Q.89 The System of dual government (Dyarchy) in the provinces was introduced by which Act of the British Government in India?

Ans ✗ 1. Government of India Act, 1935

✓ 2. Government of India Act, 1919

✗ 3. Government of India Act, 1909

✗ 4. Government of India Act, 1929

Q.90 Which of the following statements is correct?

Ans ✗ 1. National Commission for Scheduled Castes is a Constitutional body, while National Commission for Backward Classes is a Non-Constitutional body.

✗ 2. Both National Commission for Scheduled Castes and National Commission for Backward Classes are Non-Constitutional bodies.

✗ 3. National Commission for Backward Classes is a Constitutional body, while National Commission for Scheduled Castes is a Non-Constitutional body.

✔ 4. Both National Commission for Scheduled Castes and National Commission for Backward Classes are Constitutional bodies.

Q.91 When was the signing ceremony for the Indo-Pacific Economic Framework for Prosperity (IPEF) Clean Economy Agreement, Fair Economy Agreement, and Agreement on IPEF held?

Ans ✔ 1. September 2024

✗ 2. June 2023

✗ 3. October 2023

✗ 4. June 2024

Q.92 In October 2024, ISRO has acquired how many 400 kg-satellites for an essential mission called Space Docking Experiment (SPADEX)?

Ans ✔ 1. 2

✗ 2. 6

✗ 3. 4

✗ 4. 5

Q.93 How many shrutis have been formulated for all practical purposes?

Ans ✗ 1. 72

✔ 2. 22

✗ 3. 50

✗ 4. 25

Q.94 Which of the following countries signed Memorandum of Understanding (MoU) in the fields of digital technologies, semiconductors, health cooperation and skill development in September 2024?

Ans ✗ 1. India and Australia

✗ 2. India and Bhutan

✗ 3. India and Germany

✔ 4. India and Singapore

Q.95 In Budget 2024, to promote tourism, the government plans to develop religious circuits similar to the Kashi Vishwanath corridor. Which temple complex is included in this initiative?

Ans ✗ 1. Sabarimala Temple, Kerala

✔ 2. Vishnupad Temple, Gaya

✗ 3. Vaishno Devi Temple, Jammu

✗ 4. Jagannath Temple, Puri

Q.96 What market share does Axis Bank hold in the UPI Payer Payment service Provider (PSP) space as of Q2 FY25?

Ans ✗ 1. ~25%

✔ 2. ~31%

✗ 3. ~36%

✗ 4. ~20%

Q.97 Which of the following musical instruments of Mizoram is NOT a wind instrument?

Ans   ✗ 1. Tumphit

   ✓ 2. Seki

   ✗ 3. Buhchangkuang

   ✗ 4. Rawchhem

Q.98 Which of the following are the main objectives of the Community Development Programme?

1. Due recognition was given to the importance of planning
2. Recognition was also given to recruitment of trained personnel
3. It introduced modern technologies in agriculture

Ans   ✗ 1. Only 1 and 3

   ✗ 2. Only 2 and 3

   ✗ 3. Only 1 and 2

   ✓ 4. 1, 2 and 3

Q.99 According to Bharat Muni in Natya Shastra, Ghan Vadya is also known as _____.

Ans   ✗ 1. wind

   ✗ 2. percussion

   ✓ 3. solid

   ✗ 4. string

Q.100 India accounts for how much percentage of the total world land area?

Ans   ✓ 1. 2.42%

   ✗ 2. 0.42%

   ✗ 3. 6.40%

   ✗ 4. 9.42%

Q.101 How many accounts had been opened under the Pradhan Mantri Jan Dhan Yojana by October 2024?

Ans   ✓ 1. 53 crore

   ✗ 2. 40 crore

   ✗ 3. 60 crore

   ✗ 4. 25 crore

Q.102 The Official Language Commission is governed by which Article of the Indian Constitution?

Ans   ✗ 1. Article 346

   ✗ 2. Article 342

   ✗ 3. Article 345

   ✓ 4. Article 344

Q.103 During which of the following movements did the extremists call for the boycott of British goods as a form of protest?

Ans   ✗ 1. Quit India Movement

   ✓ 2. Swadeshi Movement

   ✗ 3. Civil Disobedience Movement

   ✗ 4. Non-Cooperation Movement

Q.104 Where was the new East Africa Representative Office of India Exim Bank inaugurated in May 2024?

Ans
✔ 1. Nairobi, Kenya

✘ 2. Addis Ababa, Ethiopia

✘ 3. Lagos, Nigeria

✘ 4. Dares Salaam, Tanzania

Q.105 Which of the following Governor-Generals introduced the General Service Enlistment Act?

Ans
✘ 1. Lord Wellesley

✔ 2. Lord Canning

✘ 3. Lord Auckland

✘ 4. Lord Amherst

Q.106 In October 2024, which Indian institute was launched by the Prime Minister in Mumbai?

Ans
✘ 1. Indian Institute of Fishery

✘ 2. Indian Institute of Mines

✔ 3. Indian Institute of Skills

✘ 4. Indian Defence Institute

Q.107 Which of the following organisations promotes globalisation?

Ans
✘ 1. WHO

✔ 2. WTO

✘ 3. UNESCO

✘ 4. UNCTAD

Q.108 Colonel Manpreet Singh of the Indian Army was awarded with which of these Gallantry awards (Posthumous), in the year 2024?

Ans
✘ 1. Bar to Sena Medal (Gallantry)

✘ 2. Shaurya Chakra

✘ 3. Sena Medal (Gallantry)

✔ 4. Kirti Chakra

Q.109 Mithun Chakraborty was awarded the prestigious Dadasaheb Phalke Award for his contributions to Indian cinema. The award was presented during the 70th National Film Awards ceremony held on:

Ans
✘ 1. 8 November 2024

✘ 2. 8 September 2024

✔ 3. 8 October 2024

✘ 4. 8 October 2023

Q.110 In which of the following months are Rabi crops mostly sown in the northern part of India?

Ans
✔ 1. October to December

✘ 2. January to March

✘ 3. July to September

✘ 4. April to June

Q.111 Who among the following British officers introduced the policy of Subsidiary Alliance, one of the reason of 1857 revolt?

Ans
❌ 1. John Nicholson

❌ 2. Henry Lawrence

✅ 3. Lord Wellesley

❌ 4. Sir Colin Campbell

Q.112 What was the time period of the Sayyid dynasty of the Delhi Sultanate?

Ans
❌ 1. 1414–1430

✅ 2. 1414–1451

❌ 3. 1414–1446

❌ 4. 1424–1445

Q.113 Which river forms the largest delta in the Great Indian Plains?

Ans
✅ 1. Ganga-Brahmaputra

❌ 2. Ganga-Yamuna

❌ 3. Damodar-Mahanadi

❌ 4. Indus-Satluj

Q.114 Name the famous literary personality who has authored the book named 'Rajatarangini'.

Ans
❌ 1. Jaimini

❌ 2. Vishakhadatta

❌ 3. Kautilya

✅ 4. Kalhana

Q.115 Which of the following is NOT a property of sound waves?

Ans
❌ 1. They show the phenomena of reflection, transmission, diffraction, etc.

✅ 2. Sound waves are transverse mechanical waves.

❌ 3. They cannot traverse through vacuum, so their velocity in vacuum is zero.

❌ 4. They travel faster in solids than in liquids than in gases.

Q.116 The 97th Constitutional Amendment Act, which recognised 'cooperative societies' as a part of the Directive Principles of State Policy, amended which of the following Articles of the Indian Constitution?

Ans
❌ 1. Articles 39 and 243

✅ 2. Articles 19 and 243

❌ 3. Articles 21 and 243

❌ 4. Articles 19 and 39

Q.117 What slogan did Lokmanya Tilak popularise regarding Swaraj?

Ans
❌ 1. "Swaraj is given by the British."

❌ 2. "Swaraj is a gift."

❌ 3. "Swaraj is achieved through sacrifice."

✅ 4. "Swaraj is my birthright and I shall have it."

Q.118 Arrange the names of the following defence ministers of India from the earliest to latest.
A. Sharad Pawar
B. Mulayam Singh Yadav
C. George Fernandes
D. Rajnath Singh

Ans ✗ 1. B,D,A,C

✗ 2. A,D,C,B

✔ 3. A,B,C,D

✗ 4. C,B,D,A

Q.119 When a light ray moves from denser to rarer medium, which of the following conditions results in total internal reflection?

Ans ✗ 1. Refracted angle (r) < critical angle (i_c)

✗ 2. Angle of incidence (i) < critical angle (i_c)

✔ 3. Angle of incidence (i) > critical angle (i_c)

✗ 4. Angle of incidence (i) = critical angle (i_c)

Q.120 The south-west monsoon is regarded as the continuation of which of the following winds, deflected towards the Indian subcontinent after crossing the Equator?

Ans ✗ 1. Easterlies

✔ 2. Southeast trades

✗ 3. Northeast trades

✗ 4. Westerlies