Exam Date	03/03/2025
Centre Name	iON Digital Zone iDZ Kozhikode
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 A cistern can be filled by a tap in 6 hours and emptied by an outlet pipe in 7.5 hours.
How long will it take to fill the cistern if both the tap and the pipe are opened together?

Ans

✘ 1. 24 hours

✘ 2. 25 hours

✘ 3. 27 hours

✔ 4. 30 hours

Q.2 Evaluate: 2 × {17 - 2 × (10 -5)}

Ans

✘ 1. 13

✘ 2. 18

✔ 3. 14

✘ 4. 11

Q.3 The difference between the compound interest, compounded annually, and the simple interest earned on a certain sum of money in two years at 10% interest per annum, is ₹197.2. Find the sum invested.

Ans

✔ 1. ₹19,720

✘ 2. ₹17,720

✘ 3. ₹16,720

✘ 4. ₹18,720

Q.4 Find the surface area of a sphere whose diameter is equal to 28 cm.

Ans

✘ 1. 131π cm^2

✘ 2. 938π cm^2

✘ 3. 1199π cm^2

✔ 4. 784π cm^2

Q.5 The sum of 8 numbers is 936. Find their average.

Ans

✘ 1. 116

✘ 2. 115

✔ 3. 117

✘ 4. 118

Q.6 The sum of five numbers is 655. The average of the first two numbers is 76 and the third number is 104. Find the average of the remaining two numbers?

Ans ✗ 1. 181

✔ 2. 199.5

✗ 3. 200.5

✗ 4. 180

Q.7 The average of first 119 odd natural numbers, is:

Ans ✗ 1. 119.5

✗ 2. 120

✗ 3. 118.5

✔ 4. 119

Q.8 The population of a city increases 11% annually. Find the net percentage increase in two years.

Ans ✔ 1. 23.21%

✗ 2. 23.12%

✗ 3. 21.32%

✗ 4. 21.23%

Q.9
Find the value of n, when $3^{-7} \times 3^{(3n+4)} = \dfrac{3^{11}}{3^5}$.

Ans ✗ 1. 5

✗ 2. 2

✔ 3. 3

✗ 4. 4

Q.10 A merchant buys a watch for ₹1,500 and sells it at a 10% loss. He then buys the same model for ₹1,600 and sells it at a 20% profit. Find the overall profit or loss percentage (rounded off to 2 decimal places).

Ans ✗ 1. Profit percentage is 4.48%

✗ 2. Loss percentage is 4.48%

✗ 3. Loss percentage is 5.48%

✔ 4. Profit percentage is 5.48%

Q.11 Which of the following numbers nearest to 90561 is divisible by 9?

Ans ✗ 1. 90533

✗ 2. 90532

✗ 3. 90534

✔ 4. 90531

Q.12 A person can complete a journey in 6 hours. He covers the first one-third part of the journey at the rate of 23 km/h and the remaining distance at the rate of 46 km/h. What is the total distance (in km) of his journey?

Ans ✗ 1. 216

✗ 2. 209

✗ 3. 201

✔ 4. 207

Q.13   Find the least number which should be added to 2395 so that the sum is exactly divisible by 3, 4, 5 and 6.

Ans   ✗ 1. 55

✗ 2. 15

✗ 3. 6

✔ 4. 5

Q.14   The value of

$$7^3 - 9^2 + \left(\frac{38}{2}\right)^2 - 0 + 7 \times 4 = \underline{\hspace{1cm}}$$

Ans   ✗ 1. 648

✔ 2. 651

✗ 3. 658

✗ 4. 655

Q.15   A man riding on a bicycle at a speed of 66 km/h crosses a bridge in 18 minutes. Find the length of the bridge?

Ans   ✔ 1. 19.8 km

✗ 2. 22.5 km

✗ 3. 21.9 km

✗ 4. 24.5 km

Q.16   Find the value of 4.05 − 1.25 − 3.68 + 8.76 + 0.5 − 4.26.

Ans   ✗ 1. 4.36

✗ 2. 4.54

✔ 3. 4.12

✗ 4. 4.02

Q.17   The least common multiple of two numbers is 364 and their greatest common factor is 26. If one of the numbers is 26, then find the other number.

Ans   ✗ 1. 26

✔ 2. 364

✗ 3. 52

✗ 4. 104

Q.18   The areas of a rectangular garden and a square garden are equal. If the length and the breadth of the first garden are 32 m and 8 m, then find the perimeter of the square garden.

Ans   ✗ 1. 62 m

✗ 2. 52 m

✗ 3. 56 m

✔ 4. 64 m

Q.19   The shares of P, R and S in a business are in the ratio 2 : 3 : 4. If the total profit is ₹18,000, then S gets how much more (in ₹) than P?

Ans   ✗ 1. 1,000

✗ 2. 2,000

✗ 3. 3,000

✔ 4. 4,000

Q.20 In what ratio should sugar costing ₹74 per kg be mixed with sugar costing ₹41 per kg so that by selling the mixture at ₹85.8 per kg, there is a profit of 30%?

Ans ✗ 1. 27 : 6

✗ 2. 24 : 6

✔ 3. 25 : 8

✗ 4. 24 : 9

Q.21 Evaluate: 2 × {17 - 2 × (10 -4)}

Ans ✗ 1. 7

✗ 2. 14

✔ 3. 10

✗ 4. 9

Q.22 A shopkeeper allows his customers 10% off on the marked price of goods and still gets a profit of 12.5%. What is the actual cost of an article marked ₹2,750?

Ans ✗ 1. ₹2,150

✔ 2. ₹2,200

✗ 3. ₹2,275

✗ 4. ₹2,300

Q.23 A train overtakes two persons walking along a railway track. The first one walks at 5.4 km/h. The other one walks at 10.8 km/h. The train needs 5.1 and 6.8 seconds respectively to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

Ans ✗ 1. 36 km/h

✗ 2. 34 km/h

✗ 3. 18 km/h

✔ 4. 27 km/h

Q.24 A birthday cap is in the form of a right circular cone of base radius 6 cm and height 8 cm. Find the area of the paper sheet required to make 15 such caps. $(\text{Consider } \pi = 3.14)$

Ans ✗ 1. 2286 sq cm

✗ 2. 2682 sq cm

✔ 3. 2826 sq cm

✗ 4. 2862 sq cm

Q.25 After 62 litres of petrol was poured into an empty storage tank, it was still 1% 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. 61.63

✔ 2. 62.63

✗ 3. 63.63

✗ 4. 63

Q.26 There are 7314 students in a school and the ratio of boys to girls in the school is 27 : 26, then find the number of boys in school.

Ans ✔ 1. 3726

✗ 2. 3712

✗ 3. 3734

✗ 4. 3737

Q.27 An item with cost price of ₹120 is sold by P to R at a 12% profit. R earns a profit of ₹45.6 on the item and sells it to Q. The profit of P would have been _____% if the item is sold by P to Q directly at the same selling price.

Ans ✗ 1. 30

✓ 2. 50

✗ 3. 40

✗ 4. 60

Q.28 What is the average speed of a van which covers half the distance with a speed of 48 km/h and the other half with a speed of 24 km/h?

Ans ✗ 1. 40km/h

✗ 2. 38km/h

✓ 3. 32km/h

✗ 4. 33km/h

Q.29 A pipe can fill a tank in 9 hours. Another pipe can empty the filled tank in 63 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

Ans ✗ 1. 28

✗ 2. 21

✗ 3. 14

✓ 4. 7

Q.30 Kanchan bought 52 books for Rs 1130 from one shop and 47 books for Rs 920 from another. What is the average price (in Rs) he paid per book ?

Ans ✓ 1. 1030.3

✗ 2. 1020.3

✗ 3. 1040.3

✗ 4. 1045.3

Q.31 An article was marked at ₹11,500. A discount of 25% was offered, resulting in a profit of 15%. What is the cost price of the article?

Ans ✗ 1. ₹7,700

✓ 2. ₹7,500

✗ 3. ₹7,400

✗ 4. ₹7,200

Q.32 2% of 14% of a number is what percentage of that number?

Ans ✗ 1. 0.028

✗ 2. 28

✗ 3. 16

✓ 4. 0.28

Q.33 Two banks, A and B, offered loans at 3.5% and 6.5% per annum, respectively. Tushar borrowed an amount of ₹200000 from each bank. Find the positive difference between the amounts of simple interest paid to the two banks by Tushar after 3 years.

Ans ✗ 1. 17500

✓ 2. 18000

✗ 3. 19500

✗ 4. 19000

Q.34 During the first year, the number of students in class X of a school increased by 12% and during the second year, it reduced by 9%. At the end of the second year, the number of students was 1274. What was the number of students in class X at the beginning of the first year?

Ans ✔ 1. 1250

✘ 2. 1230

✘ 3. 1220

✘ 4. 1240

Q.35 Anjali can do a certain piece of work in 16 days. Anjali and Ayushi can together do the same work in 10 days, and Anjali, Ayushi and Ankita can do the same work together in 8 days. In how many days can Anjali and Ankita do the same work?

Ans ✔ 1. $\dfrac{80}{7}$

✘ 2. $\dfrac{72}{7}$

✘ 3. $\dfrac{88}{8}$

✘ 4. $\dfrac{83}{9}$

Section : **General Intelligence and Reasoning**

Q.36 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

AB - CD - FG
VW - XY - AB

Ans ✔ 1. EF - GH - JK

✘ 2. RS - TU - VW

✘ 3. DE - HI - LM

✘ 4. RS - TU - XY

Q.37 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KGE 8, MIG 9, OKI 12, QMK 21, SOM 48, ?

Ans ✘ 1. UQO 128

✘ 2. UCO 129

✔ 3. UQO 129

✘ 4. VQO 129

Q.38 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TMG 18, RPC 23, PSY 28, NVU 33, ?

Ans ✔ 1. LYQ 38

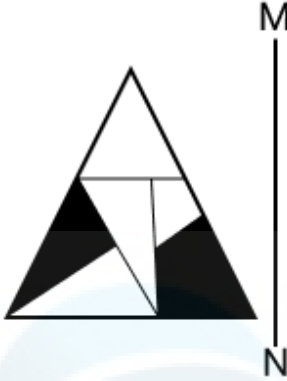✘ 2. KPY 37

✘ 3. KYP 38

✘ 4. LQY 37

Q.39 Six people D, E, F, G, H, and I are sitting around a circular table facing the centre. F sits second to the right of G and G sits second to the right of I. E is an immediate neighbour of G and I. D sits to the immediate left of F. Who sits to the immediate right of H?

Ans ✗ 1. E

✔ 2. I

✗ 3. F

✗ 4. G

Q.40 In a certain code language,
A + B means 'A is the mother of B',
A – B means 'A is the husband of B',
A x B means 'A is the daughter of B',
A ÷ B means 'A is the son of B'.

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

Ans ✗ 1. Sister

✗ 2. Daughter

✗ 3. Father's sister

✔ 4. Brother's daughter

Q.41 Select the number from among the given options that can replace the question mark (?) in the following series.

5 20 65 200 605 ?

Ans ✗ 1. 1826

✗ 2. 1824

✗ 3. 1827

✔ 4. 1820

Q.42 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 is numbered 2 and so on till the topmost floor is numbered 6. J lives on an even-numbered floor but not on floor number 4. Only two people live between J and L. P lives on an odd-numbered floor but not on the lowermost floor. Only two people live between P and G. K lives immediately below P. How many people live between H and K?

Ans ✔ 1. 2

✗ 2. 1

✗ 3. 3

✗ 4. 4

Q.43 What should come in place of the question mark (?) in the given series?

18 27 46 75 114 ?

Ans ✗ 1. 154

✗ 2. 132

✗ 3. 143

✔ 4. 163

Q.44 A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table. L sits to the immediate right of B. Only three people sit between L and C when counted from the left of L. Only three people sit between B and K. D sits to the immediate right of J. How many people sit between B and J when counted from the right of J?

Ans ✗ 1. Two

✗ 2. Four

✔ 3. One

✗ 4. Three

Q.45 Refer to the following number, symbol series and answer the question. Counting to be done from left to right only.

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

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

Ans ✗ 1. 1

✗ 2. 3

✗ 3. 4

✔ 4. 2

Q.46 In a certain code language, 'TAME' is coded as '5312' and 'MALE' is coded as '1632'. What is the code for 'L' in the given code language?

Ans ✔ 1. 6

✗ 2. 3

✗ 3. 5

✗ 4. 1

Q.47 SOPR is related to XTUW in a certain way based on the English alphabetical order. In the same way, OKLN is related to TPQS. To which of the following is KGHJ related, following the same logic?

Ans ✗ 1. LPMO

✔ 2. PLMO

✗ 3. PLOM

✗ 4. LPOM

Q.48 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 - 3 - 31
4 - 3 - 13

Ans ✔ 1. 8 - 3 - 25

✗ 2. 18 - 2 - 36

✗ 3. 5 - 2 - 12

✗ 4. 5 - 3 - 14

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.

FIX - GJY
WER - XFS

Ans ✗ 1. EDF - FGE

✗ 2. WTY - XUW

✔ 3. UIT - VJU

✗ 4. TYU - UZX

Q.50 A, B, C, M, N and S 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 C lives above B. N lives immediately below B. Only A lives below M. Who lives on floor number 3?

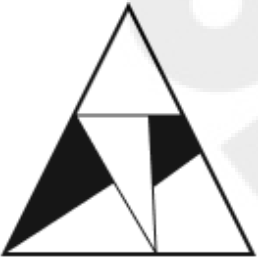**Ans** ✗ 1. M

✗ 2. N

✔ 3. S

✗ 4. B

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

2052, 1856, 2000, 1900, 1964, ?

Ans ✗ 1. 1864

✗ 2. 2000

✗ 3. 2028

✔ 4. 1928

Q.52 What will come in the place of the question mark (?) in the following equation if '+' and '−' are interchanged?

54 + 6 × 2 ÷ 6 − 5 = ?

Ans ✗ 1. 51

✗ 2. 24

✗ 3. 15

✔ 4. 57

Q.53 What will come in the place of '?' in the following equation, if '÷' and '−' are interchanged and '×' and '+' are interchanged?
50 + 72 − 3 ÷ 96 × 36 = ?

Ans ✔ 1. 1140

✗ 2. 844

✗ 3. 944

✗ 4. 1336

Q.54 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 snails are lions.
All ants are lions.

Conclusions:
(I) : Some snails are ants.
(II) : All lions are ants.

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

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

✗ 3. Only conclusion (I) follows

✗ 4. Only conclusion (II) follows

Q.55 Refer to the following series and answer the question (all numbers are single digit numbers only).
(Left) 1 5 7 9 5 8 1 3 7 6 9 7 4 5 7 5 4 2 3 5 2 3 4 5 3 6 2 (Right)
How many such even digits are there each of which is immediately preceded by an even digit and also immediately followed by an even digit?

Ans ✗ 1. 3

✗ 2. 1

✗ 3. 2

✔ 4. 0

Q.56 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.57 Refer to the following series and answer the question (all numbers are single digit numbers only).

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

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

Ans ✘ 1. Three

✘ 2. Two

✔ 3. Four

✘ 4. One

Q.58 Select the correct mirror image of the given combination when the mirror is placed at 'MN' as shown below.

M
|
& 9 K 8 m 2 3
|
N

Ans ✔ 1. Ɛ ᘔ m 8 ⋊ 9 &
     ✘ 2. Ɛ ᘔ m 8 ⋊ 9 &
     ✘ 3. Ɛ ᘔ m 8 ⋊ 9 &
     ✘ 4. Ɛ ᘔ w 8 ⋊ 9 &

Q.59 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KVM JTJ IRG HPD ?

Ans ✘ 1. NAG
     ✔ 2. GNA
     ✘ 3. NGA
     ✘ 4. GAN

Q.60 What will come in the place of the question mark (?) in the following equation if '+' and '÷' are interchanged and '−' and '×' are interchanged?
23 ÷ 16 + 8 − 3 × 21 = ?

Ans ✘ 1. 42
     ✘ 2. 4
     ✘ 3. 50
     ✔ 4. 8

Q.61 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. RVS
     ✘ 2. OSP
     ✔ 3. YUV
     ✘ 4. LPM

Q.62 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. CH:JP
     ✘ 2. IN:PU
     ✘ 3. RW:YD
     ✘ 4. UZ:BG

Q.63 In a certain code language, 'DEAL' is coded as '4685' and 'LAND' is coded as '5874'. What is the code for 'E' in the given code language?

Ans ✗ 1. 7

✓ 2. 6

✗ 3. 2

✗ 4. 8

Q.64 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 balloons are mangoes.
All balloons are foams.
Conclusions:
(I): Some mangoes are foams.
(II): All foams are balloons.

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

✗ 2. Only conclusion (II) follows.

✓ 3. Only conclusion (I) follows.

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

Q.65 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 wrenches are hammers.
Some wrenches are chairs.
Some hammers are magnets.

Conclusions:
(I) : Some wrenches are magnets.
(II) : Some hammers are chairs.

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

✗ 2. Only conclusion (I) follows

✗ 3. Only conclusion (II) follows

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

Q.66 Mohan starts from Point A and drives 24 km towards the east. He then takes a left turn, drives 32 km, turns left and drives 39 km. He then takes a left turn and drives 45 km. He takes a final left turn, drives 15 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. 12 km to the north

✗ 2. 10 km to the north

✗ 3. 16 km to the south

✓ 4. 13 km to the north

Q.67 In a certain code language, 'BANK' is coded as '2517' and 'BACK' is coded as '1723'. What is the code for 'C' in the given code language?

Ans ✗ 1. 1

✓ 2. 3

✗ 3. 2

✗ 4. 7

Q.68 In a certain code language,
A < B means 'A is the sister of B'
A ^ B means 'A is the son of B'
A : B means 'A is the father of B'
A + B means 'A is the wife of B'
Based on the above, how is D related to N if 'D : O ^ M < A + N'?

Ans ✗ 1. Wife's sister's son

✓ 2. Wife's sister's husband

✗ 3. Wife's sister's mother

✗ 4. Wife's sister's father

Q.69 Shubham starts from Point A and drives 10 km towards south. He then takes a left turn, drives 6 km, turns left and drives 12 km. He then takes a left turn and drives 8 km. He takes a final left turn, drives 2 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. 3 km to the east

✗ 2. 3 km to the west

✓ 3. 2 km to the east

✗ 4. 2 km to the west

Q.70 A, B, C, D, J, K and L are sitting around a circular table, facing the centre of the table. Only three people sit between K and A when counted from the left of K. Only three people sit between L and J when counted from the right of J. D sits to the immediate right of L. C is an immediate neighbour of J as well as A. Who sits to the second to the left of B?

Ans ✗ 1. D

✗ 2. L

✓ 3. C

✗ 4. A

Section : **General Awareness**

Q.71 Which of the following festivals marks the birth of Prince Siddhartha Gautama, who founded a religion?

Ans ✓ 1. Buddha Purnima

✗ 2. Kartik Purnima

✗ 3. Guru Purnima

✗ 4. Shakambari Purnima

Q.72 Reverberation is the persistence of sound after the source has stopped emitting sound due to _____ from multiple surfaces.

Ans ✓ 1. reflection

✗ 2. transmission

✗ 3. refraction

✗ 4. diffraction

Q.73 Which of the following statements is correct about Kati Bihu, one of the three Bihus celebrated especially in the state of Assam?

Ans ✗ 1. Kati Bihu marks the season of harvesting.

✗ 2. Kati Bihu marks the beginning of sowing by farmers.

✗ 3. Kati Bihu is also known as Rangali Bihu.

✓ 4. Kati Bihu is observed to pray for standing crops.

Q.74 After Swami Dayanand Saraswati's death, in which city did his followers establish the Dayanand Anglo Vedic Schools?

Ans ✗ 1. Karachi

✗ 2. Delhi

✓ 3. Lahore

✗ 4. Bombay

Q.75 1 Volt / 1 Ampere = _____.

Ans ✓ 1. 1 Ohm

✗ 2. 1 Ohm-m

✗ 3. 1 Joule

✗ 4. 1 Coulomb

Q.76 Which of the following statements is true regarding the voter turnout in Jammu and Kashmir for the 2024 General Elections for its 5 Lok Sabha seats?

Ans ✓ 1. It was the highest turnout in the last 35 years

✗ 2. It was the lowest turnout in the last 35 years

✗ 3. The turnout was 45.67%

✗ 4. The turnout was 65%.

Q.77 Which of the following books is authored by eminent author Ruskin Bond, awardee of the Sahitya Akademi Fellowship in 2024?

Ans ✗ 1. Wings of Fire

✗ 2. The God of Small Things

✓ 3. The Blue Umbrella

✗ 4. My Experiments with Truth

Q.78 Which Schedule of the Indian Constitution was added to prevent defection of elected members?

Ans ✗ 1. Eighth Schedule

✗ 2. Eleventh Schedule

✓ 3. Tenth Schedule

✗ 4. Ninth Schedule

Q.79 Separation of executive from judiciary is contained in which of the following?

Ans ✓ 1. Directive Principles of State Policy

✗ 2. Fundamental Duties

✗ 3. Fundamental Rights

✗ 4. Preamble

Q.80 The Brahmaputra river is navigable by steamers up to Dibrugarh by which of the following national waterways of India?

Ans ✗ 1. National Waterway 3 (NW 3)

✗ 2. National Waterway 4 (NW 4)

✓ 3. National Waterway 2 (NW 2)

✗ 4. National Waterway 1 (NW 1)

Q.81 To which post was Vikram Misri, who was in news in July 2024, appointed?

Ans ✗ 1. Chief Economic Advisor to the Government of India

✗ 2. External Affairs Minister of India

✗ 3. Attorney-General of India

✓ 4. Foreign Secretary of India

Q.82 The western coastal plains extend from _____ coastal region in the north to _____ in the south.

Ans ✗ 1. Maharashtra; Tamil Nadu

✗ 2. Kathiawar; Karnataka

✗ 3. Konkan; Malabar

✓ 4. Gujarat; Kerala

Q.83 The Malabar Coast lies between:

Ans ✓ 1. Mangalore and Kanyakumari

✗ 2. Goa and Gujarat

✗ 3. Mumbai and Kerala

✗ 4. Gujarat and Kanyakumari

Q.84 Which event intensified the Extremists' disillusionment with the British?

Ans ✗ 1. The Quit India Movement

✗ 2. The arrival of the Simon Commission

✗ 3. The Rowlatt Act

✓ 4. The Bengal Partition of 1905

Q.85 When was Shah Mal killed in the battle with the Britishers?

Ans ✗ 1. August 1857

✓ 2. July 1857

✗ 3. June 1857

✗ 4. September 1857

Q.86 'Equal pay for equal work is prevention of concentration of wealth' is mentioned under which Article of the Indian Constitution?

Ans ✗ 1. Article 44

✗ 2. Article 40

✗ 3. Article 38

✓ 4. Article 39

Q.87 In October 2024, which of the following countries announced the launch of a new framework that furthers their collaboration with the Indian private sector to support digital infrastructure in India?

Ans ✗ 1. South Africa, Japan and Russia

✗ 2. United States of America, China and Australia

✗ 3. New Zealand, Sri Lanka and Japan

✓ 4. United States of America, Japan and South Korea

Q.88 Which of the following Indian social classes initiated the Revolt of 1857?

Ans ✓ 1. Soldiers (sepoys) and military personnel

✗ 2. British traders and merchants

✗ 3. Peasants and farmers

✗ 4. Zamindars

Q.89 How many startups does India have as of October 2024?

Ans ✗ 1. 100,000

✗ 2. 200,000

✗ 3. 120,000

✓ 4. 150,000

Q.90 If a body of mass 'm' is taken to a height 'h' from the surface of earth, the work done will be:

Ans
✗ 1. mh

✗ 2. 2 mgh

✓ 3. mgh

✗ 4. $\frac{1}{2}$ mgh

Q.91 Which of the following Articles of the Constitution of India says that all public places are open to all citizens?

Ans
✗ 1. Article 30

✗ 2. Article 16(2)

✗ 3. Article 21

✓ 4. Article 15(2)

Q.92 What was the condition of India's industrial sector in 1947?

Ans
✗ 1. Primarily export-oriented

✗ 2. Dominated by heavy industries

✗ 3. Well-developed and advanced

✓ 4. Underdeveloped and focused on traditional industries

Q.93 What was the primary occupation of the Indian population on the eve of independence?

Ans
✗ 1. Services

✗ 2. Industry

✓ 3. Agriculture

✗ 4. Trade

Q.94 When a Judge of a High Court in India, including the Chief Justice, wishes to resign from office, to whom must they submit their resignation?

Ans
✗ 1. The Chief Justice of India

✓ 2. The President of India

✗ 3. The Governor of the respective state

✗ 4. The Prime Minister of India

Q.95 Which of the following is the longest river that flows through the Deccan Plateau and empties into the Bay of Bengal?

Ans
✓ 1. Godavari

✗ 2. Krishna

✗ 3. Mahanadi

✗ 4. Narmada

Q.96 In February 2024, which company partnered with the Indian Institute of Science (IISc) to jointly research 6G technologies and their societal impact on India?

Ans
✗ 1. Sony

✓ 2. Nokia

✗ 3. Microsoft

✗ 4. Samsung

Q.97 Which of the following formulates, implements and monitors the monetary policy in India?

Ans
✗ 1. SBI

✗ 2. CAG

✓ 3. RBI

✗ 4. SEBI

Q.98 Who introduced the Railways (Amendment) Bill in the Lok Sabha on 9 August 2024?

Ans
✗ 1. Pralhad Joshi

✓ 2. Ashwini Vaishnaw

✗ 3. Dharmendra Pradhan

✗ 4. Jyotiraditya M Scindia

Q.99 Who was appointed as the new Managing Director of the National Housing Bank (NHB) in July 2024?

Ans
✗ 1. Shaktikanta Das

✗ 2. Ashok Gulati

✓ 3. Sanjay Shukla

✗ 4. Rajiv Ranjan

Q.100 Mirabai, who was devoted to Lord Krishna and composed innumerable bhajans expressing her intense devotion, became a disciple of which saint from a caste considered 'untouchable'?

Ans
✗ 1. Dadu Dayal

✓ 2. Ravidas

✗ 3. Surdas

✗ 4. Kabirdas

Q.101 In August 2024, in which of the following Indian cities, India and Denmark collaborated to create a 'smart laboratory on clean rivers'?

Ans
✗ 1. Allahabad

✓ 2. Varanasi

✗ 3. Patna

✗ 4. Hyderabad

Q.102 Which of the following countries shares an international boundary with the Indian State of Assam?

Ans
✗ 1. Myanmar

✗ 2. Nepal

✓ 3. Bangladesh

✗ 4. China (Tibet)

Q.103 What is disguised unemployment?

Ans
✗ 1. Workers are highly skilled but unemployed.

✓ 2. More people are employed than required for a job.

✗ 3. Workers shift jobs frequently.

✗ 4. Workers are overpaid.

Q.104 On 9 October 2024, RBI maintained the repo rate at what percentage for the tenth consecutive time?

Ans
✓ 1. 6.5%

✗ 2. 5.9%

✗ 3. 7.4%

✗ 4. 4.1%

Q.105 Which of the following Constitutional Amendment Acts made Sikkim a full-fledged state of India?

Ans
- ✗ 1. 54th Amendment Act
- ✗ 2. 45th Amendment Act
- ✗ 3. 40th Amendment Act
- ✓ 4. 36th Amendment Act

Q.106 What are the intended uses for the Param Rudra supercomputers, developed under the National Supercomputing Mission and inaugurated by Prime Minister Narendra Modi in September 2024?

Ans
- ✗ 1. Mitigate criminal activities of human beings
- ✓ 2. Weather and climate research
- ✗ 3. Developing a hub for E-marketing
- ✗ 4. Defense simulations

Q.107 Devices like hydraulic brakes and hydraulic lifts operate based on which physical law or principle?

Ans
- ✗ 1. Newton's law
- ✗ 2. Archimedes principle
- ✓ 3. Pascal's law
- ✗ 4. Faraday's law

Q.108 Which of the following sectors includes services such as education, healthcare and banking?

Ans
- ✗ 1. Secondary sector
- ✓ 2. Tertiary sector
- ✗ 3. Quaternary sector
- ✗ 4. Primary sector

Q.109 Which extremist leader became a symbol of martyrdom after his death in British custody?

Ans
- ✓ 1. Bhagat Singh
- ✗ 2. Chandrashekhar Azad
- ✗ 3. Hasrat Mohani
- ✗ 4. Mahatma Gandhi

Q.110 The Gupta Period saw the development of which important systems in Mathematics?

Ans
- ✓ 1. Decimal notation system
- ✗ 2. Combinatorics
- ✗ 3. Euclidean geometry
- ✗ 4. Differential calculus

Q.111 The Mundra Port, India's largest private port, is located in:

Ans
- ✓ 1. Gujarat
- ✗ 2. Tamil Nadu
- ✗ 3. Maharashtra
- ✗ 4. Andhra Pradesh

Q.112 The distance travelled by an object in time 't' is given by $x = a + bt + ct^2$. Identify 'c'.

Ans
- ✗ 1. Velocity
- ✓ 2. Acceleration
- ✗ 3. Speed
- ✗ 4. Distance

Q.113 In November 2024, which State Government has inked a pact with the Defence Research and Development Organisation (DRDO) to aid defence startups?

Ans ✓ 1. Karnataka

✗ 2. Assam

✗ 3. Uttarakhand

✗ 4. Kerala

Q.114 Karur Vysya Bank expanded its presence in Tamil Nadu by opening four new branches in December 2024 in which cities?

Ans ✗ 1. Chennai, Vellore, Kanyakumari and Trichy

✗ 2. Coimbatore, Erode, Trichy and Salem

✓ 3. Madurai, Tiruppur, Krishnagiri and Chennai

✗ 4. Coimbatore, Chennai, Tirunelveli and Thanjavur

Q.115 Where is the Rakhigarhi Indus Valley site located?

Ans ✗ 1. Gujarat

✓ 2. Haryana

✗ 3. Punjab

✗ 4. Rajasthan

Q.116 On which date in 1950 was the Election Commission established as per the Constitution?

Ans ✗ 1. 10th January

✗ 2. 15th January

✓ 3. 25th January

✗ 4. 30th January

Q.117 Which sector of the economy experiences the highest unemployment in India?

Ans ✗ 1. Industry

✓ 2. Agriculture

✗ 3. IT sector

✗ 4. Services

Q.118 Which of the following is a constitutional body?

Ans ✗ 1. State Human Rights Commission

✗ 2. NITI Aayog

✗ 3. National Human Rights Commission

✓ 4. Election Commission of India

Q.119 When was the Inland Waterways Authority set up for the development, maintenance and regulation of national waterways in India?

Ans ✓ 1. 1986

✗ 2. 1980

✗ 3. 1975

✗ 4. 1996

Q.120 Which of the following states in India was most positively impacted by the Green Revolution?

Ans ✗ 1. Assam

✗ 2. Bihar

✗ 3. Kerala

✓ 4. Punjab