Test Date	03/12/2024
Test Time	12:30 PM - 2:00 PM
Subject	Recruitment of Sub Inspector Executive in Railway Protection Force and Railway Protection Special Force

* 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 185 m long train crosses a man walking at a speed of 9.9 km/h in the opposite direction in 6 seconds. What is the speed (in km/h) of the train?

Ans ✔ 1. 101.09

✘ 2. 97.6

✘ 3. 104.2

✘ 4. 106.2

Q.2 The expenditure of Sudha is 200% more than her savings. If her expenditure decreases by 6% and savings increase by 26%, then by what percent does her income increase?

Ans ✘ 1. 0.07

✘ 2. 0.05

✔ 3. 0.02

✘ 4. 0.06

Q.3 During sale, Raghav bought a notebook marked for ₹28 at 25% discount and a pen marked for ₹75 at 16% discount. How much (in ₹) did he save due to sale?

Ans ✔ 1. 19

✘ 2. 17

✘ 3. 21

✘ 4. 18

Q.4 Two trains of equal length are running on parallel lines in the same direction at speeds of 101 km/h and 71 km/h. The faster train passes the slower train in 18 seconds. The length of each train is:

Ans ✘ 1. 72 meters

✔ 2. 75 meters

✘ 3. 88 meters

✘ 4. 83 meters

Q.5 My kid brother is playing with a kite whose area is 15 sq cm and the sum of its diagonals is 11 cm. Find its diagonals in centimetres.

Ans ✗ 1. 7, 4

✗ 2. 5.5, 5.5

✗ 3. 5.25, 5.75

✔ 4. 6, 5

Q.6 Two trains of equal length are running on parallel lines in the same direction at speeds of 76 km/h and 67 km/h. The faster train passes the slower train in 56 seconds. The length of each train is:

Ans ✗ 1. 80 meters

✗ 2. 79 meters

✔ 3. 70 meters

✗ 4. 74 meters

Q.7 If $19 \times 8 \times 940 \div \sqrt{2209} = y + 557$, then find the value of y.

Ans ✔ 1. 2483

✗ 2. 2488

✗ 3. 2479

✗ 4. 2481

Q.8 Ravi has 1458 litres of a mixture of milk and water. The ratio of milk to water in this mixture is 8 : 1. How much water (in litres) should Ravi add into the mixture so that the ratio of milk and water becomes 6 : 5?

Ans ✔ 1. 918

✗ 2. 909

✗ 3. 927

✗ 4. 900

Q.9 Raghu scored 34, 43, 21, and 28 marks in four consecutive slip tests conducted in his school. How much should he score in the fifth slip test in order to have an average score of 30 marks?

Ans ✔ 1. 24

✗ 2. 20

✗ 3. 22

✗ 4. 14

Q.10 Anmol completes his journey in 16 hours. He covers half the distance at 72 km/h and the rest at 56 km/h. What is the length of the journey (in Km)?

Ans ✗ 1. 1000

✗ 2. 1013

✔ 3. 1008

✗ 4. 999

Q.11 Given that $59^{0.46} = x$, $59^{0.21} = y$ and $x^z = y^5$, then the value of z is close to:

Ans ✗ 1. 0.17

✔ 2. 2.28

✗ 3. 4.83

✗ 4. 4.55

Q.12 The smallest 1-digit number to be added to the 6-digit number 874146 so that it is completely divisible by 11 is:

Ans ✗ 1. 3

✗ 2. 5

✔ 3. 2

✗ 4. 1

Q.13 A dishonest vendor claims that he is selling goods at their cost price. But he is weighing 652 grams for 1000 grams. What is his profit percentage (rounded off to 2 decimal places)?

Ans
✗ 1. 56.69

✗ 2. 53.46

✔ 3. 53.37

✗ 4. 51.75

Q.14 Which of the following ratio is smallest?

Ans
✗ 1. 29 : 31

✔ 2. 21 : 52

✗ 3. 28 : 42

✗ 4. 24 : 59

Q.15 The selling price of 50 books is equal to the cost price of 21 books. Find the loss or gain percentage.

Ans
✗ 1. $\dfrac{100}{29}$ % gain

✗ 2. $\dfrac{100}{29}$ % loss

✔ 3. 58 % loss

✗ 4. 58 % gain

Q.16 The smallest 1-digit number to be added to the 6-digit number 806039 so that it is completely divisible by 11 is:

Ans
✗ 1. 6

✗ 2. 3

✗ 3. 4

✔ 4. 8

Q.17 A bank offers 9.4% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹8716 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____. [Give your answer correct to 2 decimal places.]

Ans
✗ 1. ₹1256.82

✗ 2. ₹1228.2

✗ 3. ₹1238.89

✔ 4. ₹1248.2

Q.18 The marked price of an article is ₹492. The shopkeeper offers a discount of 39% on the purchase of the article. Thereby, he makes a profit of 22%. The cost price of the article is:

Ans
✗ 1. ₹259

✗ 2. ₹247

✗ 3. ₹220

✔ 4. ₹246

Q.19
Find the value of $50^{-3} \div 50^{15} \times 50^{-18}$

Ans
✗ 1. 50^{-27}

✔ 2. 50^{-36}

✗ 3. 50^{-30}

✗ 4. 50^{-37}

Q.20 A number when increased by 50 %', gives 3960. The number is:

Ans ✗ 1. 7920

✗ 2. 1320

✔ 3. 2640

✗ 4. 5280

Q.21 Find the least value of 'x' so that the 8-digit number 85264x16 is divisible by 8.

Ans ✗ 1. 1

✗ 2. 5

✗ 3. 3

✔ 4. 2

Q.22 The average of eight numbers is 19. The average of five of these numbers is 20. The average of the remaining three numbers is

Ans ✔ 1. 17.33

✗ 2. 19.33

✗ 3. 18.33

✗ 4. 16.33

Q.23 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 245, determine the number of boys participating in the sports.

Ans ✗ 1. 1200

✗ 2. 1245

✗ 3. 1255

✔ 4. 1225

Q.24 The average of 7 numbers is 43. If each number is decreased by 7, what will the new average be?

Ans ✗ 1. 29

✔ 2. 36

✗ 3. 43

✗ 4. 7

Q.25 The smallest natural number which is divisible by 12, 8, 75 and 15 is:

Ans ✗ 1. 610

✔ 2. 600

✗ 3. 690

✗ 4. 562

Q.26 The value of

$$\frac{2}{8} + \frac{3}{8} + \frac{3}{16} + \frac{4}{8} - 4 =$$

Ans ✗ 1. $-\dfrac{44}{16}$

✗ 2. $-\dfrac{33}{16}$

✔ 3. $-\dfrac{43}{16}$

✗ 4. $-\dfrac{50}{16}$

Q.27 What will be the remainder when 111^{2024} is divided by 112?

Ans
  ✗ 1. 3

  ✗ 2. 2

  ✗ 3. 4

  ✓ 4. 1

Q.28 If the volume of cube is 4096 m^3, then find the total surface area of cube in m^2.

Ans
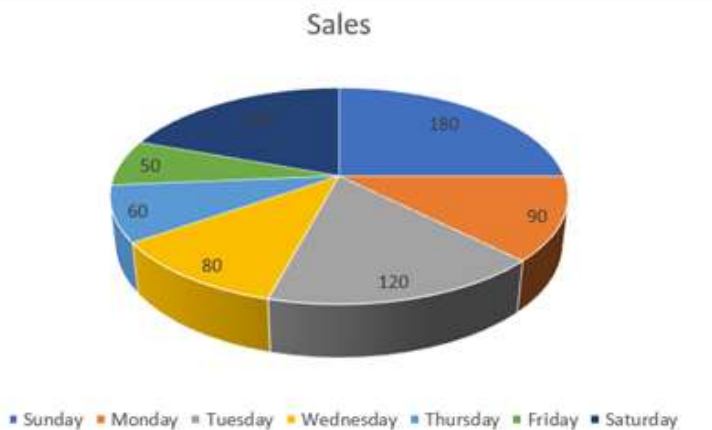 ✗ 1. 1558

  ✗ 2. 1514

  ✗ 3. 1548

  ✓ 4. 1536

Q.29 Nidhi invested a sum of ₹9600 at 15% per annum compound interest, componded annually. If she received an amount of ₹12696 after n years, the value of n is:

Ans
  ✗ 1. 1

  ✗ 2. 2.5

  ✗ 3. 3

  ✓ 4. 2

Q.30 Find the surface area of a sphere whose diameter is equal to 92 cm.

Ans
  ✓ 1. 8464 cm^2

  ✗ 2. 9073 cm^2

  ✗ 3. 8074 cm^2

  ✗ 4. 9329 cm^2

Q.31 The pie-chart shows the sales of an item on different days of a week.
Study the given pie-chart and answer the question that follows.

The angle made at the centre by the sales on Wednesday is (in degrees):

Ans
  ✗ 1. 60

  ✗ 2. 30

  ✗ 3. 50

  ✓ 4. 40

Q.32 Isha and Anshu together invested ₹49700 in a business. At the end of the year, out of a total profit of ₹8800, Isha's share was ₹2200. What was the investment of Anshu?

Ans
  ✗ 1. ₹37400

  ✓ 2. ₹37275

  ✗ 3. ₹37025

  ✗ 4. ₹36760

Q.33 How much sugar at ₹14.5 a kg should be added to 22 kg of tea at ₹25 a kg, so that the mixture be worth ₹18 a kg?

Ans ✗ 1. 46 kg

✗ 2. 40 kg

✗ 3. 42 kg

✔ 4. 44 kg

Q.34 Find the simple interest (in ₹) on ₹2000 at 6.25% per annum rate of interest for the period from 11 February 2023 to 25 April 2023

Ans ✗ 1. 26

✗ 2. 24

✗ 3. 23

✔ 4. 25

Q.35
Find the value of $30^{-5} \div 30^{17} \times 30^{-16}$

Ans ✗ 1. 30^{-46}

✔ 2. 30^{-38}

✗ 3. 30^{-44}

✗ 4. 30^{-48}

Section : General Intelligence and Reasoning

Q.36 G, H, I, J, M, N and O are sitting around a square table facing the centre of the table.
Only G sits to the left of J. Only four people sit between G and H. Only O sits between N and I, and N is not an immediate neighbour of H.
Who sits at the extreme right of the line?

Ans ✗ 1. O

✗ 2. I

✔ 3. M

✗ 4. G

Q.37 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.

WAYS - WSAY - SWYA
FERN - FNER - NFRE

Ans ✗ 1. BONE - BEON - OBNE

✗ 2. BASE - ABSE - EASB

✗ 3. SOLD - SLOD - DLOS

✔ 4. GRAM - GMRA - MGAR

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

QTV ORT MPR KNP ?

Ans ✔ 1. ILN

✗ 2. IKM

✗ 3. ILM

✗ 4. IKN

Q.39 In a certain code language, 'dreams come true' is coded as 'mp tb ko' and 'come on time' is coded as 'uk ko jb'. How is 'come' coded in the given language?

Ans ✔ 1. ko

✗ 2. tb

✗ 3. jb

✗ 4. uk

Q.40 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 3256378, what will be the sum of the digits which are second from the left and second from the right in the new number thus formed?

Ans ✗ 1. 4

✓ 2. 8

✗ 3. 5

✗ 4. 7

Q.41 Each vowel in the word FORMATS is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many vowels are there in the group of letters thus formed?

Ans ✗ 1. 0

✗ 2. 3

✓ 3. 2

✗ 4. 1

Q.42 Three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the letter-cluster pair that does NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

Ans ✗ 1. OT - LP

✗ 2. IN - FJ

✓ 3. FK - CH

✗ 4. LQ - IM

Q.43 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 man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ✗ 1. EAG

✗ 2. KGM

✓ 3. HCI

✗ 4. NJP

Q.44 This question is based on the following words.
BUS THE YOU DEN
In each of the words, each vowel is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

Ans ✓ 1. 3

✗ 2. 4

✗ 3. 2

✗ 4. 1

Q.45 This question is based on the five, three-digit numbers given below.
(Left) 672 745 462 378 417 (Right)
(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
NOTE - All operations to be done from left to right.
What will be the resultant if the second digit of the highest number is multiplied with the second digit of the lowest number?

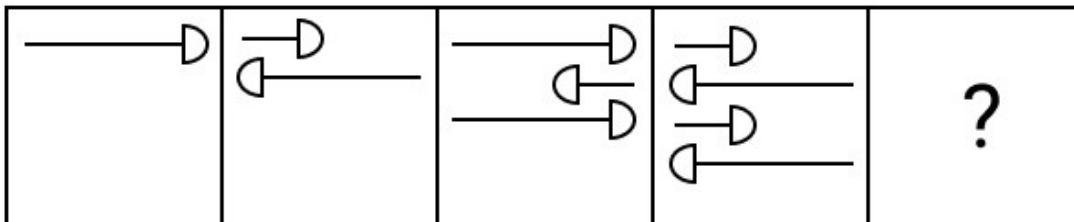**Ans** ✓ 1. 28

✗ 2. 29

✗ 3. 25

✗ 4. 27

Q.46 In a certain code language, 'explore new opportunities' is written as 'ab tb mb' and 'opportunities await you' is coded as 'tb kb cb'. How is 'opportunities' coded in the given language?

Ans ✘ 1. kb

✔ 2. tb

✘ 3. mb

✘ 4. ab

Q.47 Aman starts from Point A and drives 6 km towards West. He then takes a left turn, drives 3 km, turns right and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right turn, drives 4 km and stops at Point B. 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. 5 km towards West

✘ 2. 7 km towards West

✘ 3. 5 km towards North

✔ 4. 7 km towards East

Q.48 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

Ans

✘ 1.

✔ 2.

✘ 3.

✘ 4.

Q.49 Each of the digits in the number 6147385 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans ✔ 1. One

✘ 2. None

✘ 3. Two

✘ 4. Three

Q.50 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

YAC37, HJL46, QSU55, ZBD64, ?

Ans ✘ 1. IYO73

✔ 2. IKM73

✘ 3. IKV73

✘ 4. JYV73

Q.51 I, J, K, L, M, N and W are sitting around a circular table facing the centre of the table. Only one person sits between L and J, when counted from the right of L. Only one person sits between J and N. Only one person sits between L and W. Only two people sit between M and N. Only one person sits between K and W. How many people sit between I and J, when counted from the right of I?

Ans ✔ 1. Two

✘ 2. Three

✘ 3. One

✘ 4. Four

Q.52 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 tables are desks.
All desks are boards.
Some tables are chairs.
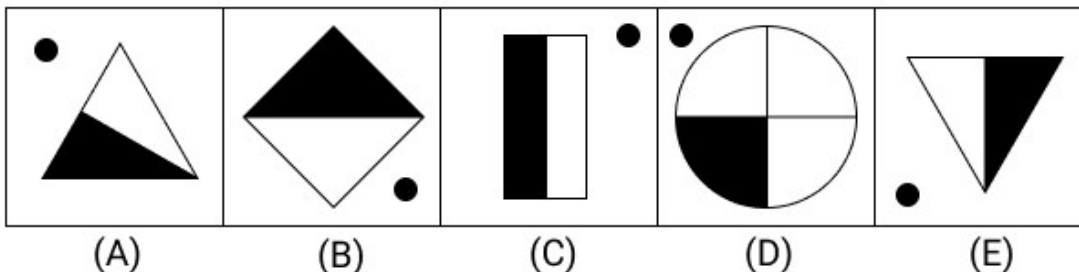Conclusions:
(I): Some desks are chairs.
(II): Some boards are chairs.

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

✘ 2. Only conclusion (I) follows.

✘ 3. Only conclusion (II) follows.

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

Q.53 A - B means 'A is the son of B',
A $ B means 'A is the sister of B',
A @ B means 'A is the daughter of B' and
A * B means 'A is the father of B'.
Based on the above information, which of the following means that W is the sister's son of S?

Ans ✘ 1. W * E - A $ K @ S

✘ 2. W @ E - A $ K * S

✘ 3. W $ E * A - K @ S

✔ 4. W - E @ A * K $ S

Q.54 Four of the following five figures are alike in a certain way and thus form a group. Which figure DOES NOT belong to that group?

(A)   (B)   (C)   (D)   (E)

Ans ✔ 1. D

✘ 2. A

✘ 3. B

✘ 4. C

Q.55 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1675843, what will be difference between the highest and lowest digits in the new number thus formed?

Ans ✘ 1. 8

✔ 2. 6

✘ 3. 2

✘ 4. 4

Q.56 Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only.
(Left) © K % O $ 3 L © X # # 8 Z R © F 1 N 8 % Q N (Right)
If all the letters are dropped from the series, which of the following will be fifth from the left?

Ans ✘ 1. 8

✘ 2. 3

✔ 3. ©

✘ 4. #

Q.57 Each of A, B, C, D, P, Q and R has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has exam before D. Only three people have exam between D and Q. Only one person has exam between Q and R. B has exam on Wednesday. A has exam on one of the days after C but on one of the days before P. On which day of the week does A have exam?

Ans ✔ 1. Thursday

✘ 2. Saturday

✘ 3. Monday

✘ 4. Tuesday

Q.58 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

FA-HD-KN
ID-KG-NQ

Ans ✘ 1. LG-NJ-QS

✘ 2. KG-NJ-QS

✘ 3. KG-NI-QS

✔ 4. LG-NJ-QT

Q.59 All 59 people are standing in a row facing north. Wang is 2nd from the left end while Chow is 1st from the right end. How many people are there between Wang and Chow?

Ans ✔ 1. 56

✘ 2. 58

✘ 3. 66

✘ 4. 43

Q.60 B is the son of A. C is the wife of B. D is the daughter of C. E is the son of B. How is E related to A?

Ans
✗ 1. Brother's son

✗ 2. Brother

✗ 3. Daughter

✔ 4. Son's son

Q.61 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 is the letter-cluster pair that DOES NOT belong to that group?

(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans
✔ 1. KM-PS

✗ 2. CE-HJ

✗ 3. OQ-TV

✗ 4. GI-LN

Q.62 Each of P, Q, R, S, T, U and V, has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. R has an exam on Thursday. Exactly 4 people have their exam between U and Q, neither of whom has an exam on Sunday. P has an exam immediately before S. V does not have an exam on Friday. U does not have an exam after S. How many people have an exam after Q?

Ans
✗ 1. 4

✔ 2. 1

✗ 3. 3

✗ 4. 2

Q.63 In a certain code language, 'FAIR' is coded as '3716' and 'ARID' is coded as '3169'. What is the code for 'D' in the given code language?
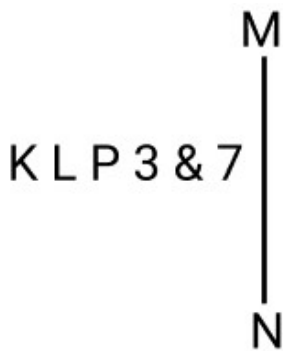
Ans
✔ 1. 9

✗ 2. 1

✗ 3. 6

✗ 4. 3

Q.64 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

: CJP :: NUA : %

Ans
✔ 1. # = YFL; % = RYE

✗ 2. # = ZFL; % = RYE

✗ 3. # = YFL; % = SYE

✗ 4. # = YFL; % = RYF

Q.65 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.

M
|
K L P 3 & 7
|
N

Ans
✗ 1. ⮢߈3Ɛ K L P
✗ 2. ∠߈3Ɛ ꟼ ⅃ K
✓ 3. ⮢߈3Ɛ ꟼ ⅃ K
✗ 4. ⮢Ь3߈ ⅃ K

Q.66 N, D, L, M, O, B and T have different heights. D is shorter than only two people. There are only three people who have heights between D and B. There are only two people who are taller than O but shorter than N. Only M is taller than N. T is taller than L. Who is the second shortest?

Ans
✓ 1. L
✗ 2. T
✗ 3. M
✗ 4. N

Q.67 Qars starts from Point A and drives 13 km towards north. He then takes a right turn, drives 11 km, turns right and drives 25 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 12 km and stops at Point P. How far (the 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. 7 km towards east
✓ 2. 8 km towards east
✗ 3. 9 km towards west
✗ 4. 6 km towards west

Q.68 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given 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.)

13 - 26 - 30 - 22; 17 - 34 - 38 - 30

Ans
✗ 1. 21 - 42 - 56 - 38
✗ 2. 25 - 50 - 68 - 60
✗ 3. 20 - 60 - 64 - 46
✓ 4. 9 - 18 - 22 - 14

Q.69 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.)
(34, 108, 7)
(33, 121, 23)

Ans
✗ 1. (12, 62, 23)
✗ 2. (41, 131, 5)
✓ 3. (48, 147, 4)
✗ 4. (36, 135, 24)

Q.70 Select the numbers from among the given options that can replace the question marks (?) in the following series.

81 84 90 99 111 ? 144 ?

Ans ✗ 1. 127, 164

✗ 2. 124, 170

✗ 3. 125, 171

✓ 4. 126, 165

| Section : **General Awareness** |

Q.71 In January 2015, the Government of India replaced the Planning Commission with:

Ans ✗ 1. ICICI

✓ 2. NITI Aayog

✗ 3. NLCIL

✗ 4. IDBI

Q.72 Which of the following constitutional bodies is responsible for ensuring Free and Fair Elections?

Ans ✗ 1. President of India

✗ 2. Supreme Court of India

✓ 3. Election Commission of India

✗ 4. Parliament of India

Q.73 Which of the following parts of the Indian Constitution deals with the Fundamental Duties?

Ans ✗ 1. Part III A

✗ 2. Part V A

✗ 3. Part VI A

✓ 4. Part IV A

Q.74 Which of the following indigenous tribes celebrates the Mopin festival?

Ans ✗ 1. Pawra

✗ 2. Bhil tribe

✓ 3. Galo tribe

✗ 4. Bhagalia tribe

Q.75 Which edition of the Khelo India Para Games (KIPG) 2023 was held at New Delhi in December 2023?

Ans ✓ 1. Inaugural

✗ 2. Fifth

✗ 3. Sixth

✗ 4. Second

Q.76 The members of the constituent assembly were elected by _____.

Ans ✗ 1. universal franchise

✓ 2. provincial legislatures

✗ 3. the eminent leaders of congress party

✗ 4. the British government

Q.77 In which year did the Government of India launch the Smart Cities Mission?

Ans ✗ 1. 2017

✓ 2. 2015

✗ 3. 2016

✗ 4. 2018

Q.78 To which Gharana did the renowned singer Girija Devi, known for her 'Thumri' renditions, belong?

Ans
✔ 1. Benaras Gharana

✘ 2. Indore Gharana

✘ 3. Jaipur Gharana

✘ 4. Bhendi Bazaar Gharana

Q.79 Dinesh K Tripathi became the Chief of _____ in January 2024.

Ans
✔ 1. Naval Staff

✘ 2. Air Force

✘ 3. Coast Guard

✘ 4. Armed Forces

Q.80 Asia's first pre-clinical network facility was inaugurated in which of the following Indian cities in July 2024?

Ans
✔ 1. Faridabad

✘ 2. Chennai

✘ 3. Bhubaneswar

✘ 4. Lucknow

Q.81 Which of the following is NOT a Poverty Estimation Committee?

Ans
✔ 1. Kothari Committee

✘ 2. Lakdawala Committee

✘ 3. Alagh Committee

✘ 4. Tendulkar Committee

Q.82 The Mumbai High Field (previously Bombay High Field) discovered by the Russian and Indian team from the seismic exploration vessel Academic Arkhangelsky in February 1974, commenced production in which year?

Ans
✘ 1. 1978

✘ 2. 1975

✘ 3. 1981

✔ 4. 1976

Q.83 Who among the following was associated with 'Ulgulan movement'?

Ans
✘ 1. Budhu Bhagat

✘ 2. Tirot Sing

✘ 3. Tilka Manjhi

✔ 4. Birsa Munda

Q.84 Which of the following places was made the capital of the Rashtrakutas by Dantidurga?

Ans
✘ 1. Kanchi

✔ 2. Manyakheta

✘ 3. Kannauj

✘ 4. Pataliputra

Q.85 Excessive production of which of the following hormones in the body causes the Cushing's syndrome, leading to weight gain and thinning of the skin?

Ans
✘ 1. Vasopressin

✘ 2. Melatonin

✘ 3. Erythropoietin

✔ 4. Cortisol

Q.86 Jishnu Dev Varma, who was appointed as Governor of Telangana in July 2024, was the Former Deputy Chief Minister of which of the following states of India?

Ans   ✗ 1. Kerala

     ✗ 2. Mizoram

     ✗ 3. Madhya Pradesh

     ✓ 4. Tripura

Q.87 Who among the following was appointed as the new Director General of the Geological Survey of India (GSI) in June 2024?

Ans   ✓ 1. Asit Saha

     ✗ 2. Sanjay Behari

     ✗ 3. L Murugan

     ✗ 4. Virendra Kumar

Q.88 Who is author of the book 'Rays and Ways of Indian Culture'?

Ans   ✗ 1. Romila Thapar

     ✗ 2. Jhumpa Lahiri

     ✓ 3. DP Dubey

     ✗ 4. Gayatri Sinha

Q.89 What is the primary goal of fiscal consolidation?

Ans   ✗ 1. Reducing inflation

     ✓ 2. Reducing Government debt

     ✗ 3. Stimulating economic growth

     ✗ 4. Increasing consumer expenditure

Q.90 Researchers at IIT Bombay developed an instrument named GoIDN for mechanically recycling waste plastic polymers through _____.

Ans   ✗ 1. shredding

     ✓ 2. melt mixing

     ✗ 3. pyrolysis

     ✗ 4. compression

Q.91 Match the following correctly.

Set-I	Set-II
a. Naathmuni	1. Sanak Sampradaya
b. Shankaracharya	2. Sri Vaisnav Sampradaya
c. Raamanuj	3. Advait
d. Nimbark	4. Vishishtadvait

Ans   ✗ 1. a - 3, b - 4, c - 1, d - 2

     ✓ 2. a - 2, b - 3, c - 4, d - 1,

     ✗ 3. a - 4, b - 3, c - 2, d - 1

     ✗ 4. a - 3, b - 4, c - 2, d -1,

Q.92 Name the viral infection that is also known as 'Shingles' and causes painful rashes or blisters on the skin.

Ans   ✓ 1. Herpes Zoster

     ✗ 2. Herpes Cytomegalo

     ✗ 3. Herpes Epstein-Barr

     ✗ 4. Herpes Simplex

Q.93 Which of the following falls in an area of low rainfall?

Ans
- ✗ 1. Tamil Nadu
- ✗ 2. Meghalaya
- ✓ 3. Rajasthan
- ✗ 4. Bihar

Q.94 Reserpine, an indole alkaloid drug used to reduce high blood pressure, is obtained from_____.

Ans
- ✓ 1. rauvolfia serpentina
- ✗ 2. cinchona officinarum
- ✗ 3. papaver somniferum
- ✗ 4. digitalis purpurea

Q.95 Which of the following pairs (seasons and months, according to the Indian Calendar) is INCORRECT?

Ans
- ✗ 1. Varsha : Sravana-Bhadra
- ✗ 2. Vasanta : Chaitra-Vaisakha
- ✓ 3. Hemanta : Magha-Phalguna
- ✗ 4. Sharada : Asvina-Kartika

Q.96 Which of the following is a significant challenge faced by microfinance institutions in India?

Ans
- ✗ 1. An oversupply of funds from international donors
- ✗ 2. Lack of interest from rural populations
- ✗ 3. High repayment rates by borrowers
- ✓ 4. Regulatory changes impacting operational flexibility

Q.97 The Indian Navy's trilateral exercise known as 'IMT TRILAT' was held jointly with:

Ans
- ✓ 1. Mozambique and Tanzania
- ✗ 2. Sudan and Ethiopia
- ✗ 3. Egypt and Zimbabwe
- ✗ 4. Nigeria and Uganda

Q.98 Article 19(1)(a) of the Indian Constitution refers to _____.

Ans
- ✗ 1. right to equality
- ✓ 2. freedom of speech and expression
- ✗ 3. right against exploitation
- ✗ 4. cultural educational rights

Q.99 Pallavi, Anupallavi and Mukthayi-Svara, collectively known as Purvanga, belong to which Carnatic music genre?

Ans
- ✗ 1. Gitam
- ✗ 2. Javali
- ✗ 3. Suladi
- ✓ 4. Varnam

Q.100 Indian para-athlete Sumit Antil won a gold medal in which event at the Paris 2024 Paralympic Games?

Ans
- ✗ 1. Men's Shot Put
- ✗ 2. Men's High Jump
- ✓ 3. Men's Javelin Throw
- ✗ 4. Men's Club Throw

Q.101 Who among the following had the shortest tenure as the President of India?

Ans
- ✗ 1. Jawaharlal Nehru
- ✓ 2. Zakir Husain
- ✗ 3. Rajendra Prasad
- ✗ 4. Lal Bahadur Shastri

Q.102 In which of the following cities of India was the three-day national horticultural fair-2024 of the Indian Institute of Horticultural Research (IIHR) on the theme 'Nextgen technology led horticulture for sustainable development' organised in March 2024?

Ans
- ✓ 1. Bengaluru
- ✗ 2. Panaji
- ✗ 3. Shillong
- ✗ 4. Hyderabad

Q.103 Which of the following states have a higher percentage of multi-dimensionally poor?

Ans
- ✗ 1. Madhya Pradesh
- ✓ 2. Bihar
- ✗ 3. Uttar Pradesh
- ✗ 4. Jharkhand

Q.104 Bindusara ruled between which of the following periods?

Ans
- ✗ 1. 295 B.C.E. to 270 B.C.E.
- ✓ 2. 297 B.C.E. to 273 B.C.E.
- ✗ 3. 299 B.C.E. to 275 B.C.E.
- ✗ 4. 293 B.C.E. to 271 B.C.E.

Q.105 Who among the following woman social reformers, who educated at home at Poona and published a book, 'Stripurushtulna'?

Ans
- ✗ 1. Begum Rokeya Sakhawat Hossain
- ✗ 2. Savitribai Phule
- ✓ 3. Tarabai Shinde
- ✗ 4. Fatima Sheikh

Q.106 According to the Census 2011, which of the following union territories has the highest population growth?

Ans
- ✗ 1. Delhi
- ✗ 2. Puducherry
- ✗ 3. Lakshadweep
- ✓ 4. Daman and Diu

Q.107 Who among the following founded Gurjara-Pratihara dynasty after winning Kannauj in the tripartite struggle?

Ans
- ✓ 1. Nagabhata I
- ✗ 2. Mihira Bhoja
- ✗ 3. Vatsaraja
- ✗ 4. Rampal

Q.108 Which of the following statements is correct regarding the Andaman and Nicobar Islands?

Ans
- ✓ 1. The Andaman and Nicobar Islands are strategically important and have great diversity in flora and fauna.
- ✗ 2. The Andaman and Nicobar Islands are entirely made up of coral formations.
- ✗ 3. The Andaman and Nicobar Islands have a temperate climate with sparse forest cover.
- ✗ 4. The Andaman and Nicobar Islands lie far from the equator and experience minimal rainfall.

Q.109 Diazonium salt is formed by treating primary amine with which Brønsted acid?

Ans   ✗ 1. Sulphurous acid

     ✗ 2. Phosphorous acid

     ✔ 3. Nitrous acid

     ✗ 4. Chlorous acid

Q.110 In which of the following years was GATT established?

Ans   ✗ 1. 1949

     ✗ 2. 1946

     ✗ 3. 1947

     ✔ 4. 1948

Q.111 Which edition of the World Future Energy Summit was held in Abu Dhabi in April 2024?

Ans   ✗ 1. 20th

     ✗ 2. 14th

     ✗ 3. 12th

     ✔ 4. 16th

Q.112 The _____ has appellate jurisdiction on all subordinate courts in the district.

Ans   ✔ 1. District Court

     ✗ 2. Prime Minister of India

     ✗ 3. Vice President of India

     ✗ 4. President of India

Q.113 As per the Census 2011, which of the following union territories has the highest literacy rate?

Ans   ✗ 1. Chandigarh

     ✗ 2. Puducherry

     ✔ 3. Daman and Diu

     ✗ 4. Delhi

Q.114 The angle between the vector A = 3i + 6j − 2k and B = 4i − j + 3k is:

Ans   ✔ 1. 90°

     ✗ 2. 60°

     ✗ 3. 30°

     ✗ 4. 45°

Q.115 How many Indian crew were present on oil tanker 'Advantage Sweet' which was seized by Iranian authorities in April 2023 and released in October 2023?

Ans   ✔ 1. 23

     ✗ 2. 20

     ✗ 3. 26

     ✗ 4. 16

Q.116 Which of the following is a Foreign Bank?

Ans   ✗ 1. Canara Bank

     ✗ 2. Axis Bank

     ✗ 3. HDFC Bank

     ✔ 4. BNP Paribas

Q.117 A saccharimeter is a type of _____.

Ans ✗ 1. pressure gauge

✗ 2. diffractometer

✓ 3. polarimeter

✗ 4. interferometer

Q.118 What was India's rank in the Corruption Perceptions Index (CPI) for 2023?

Ans ✗ 1. 111

✗ 2. 121

✗ 3. 83

✓ 4. 93

Q.119 In which of the following years did Mamata Banerjee found All India Trinamool Congress?

Ans ✗ 1. 2001

✗ 2. 2003

✗ 3. 1995

✓ 4. 1998

Q.120 Which of the following statements about the cardinal features of the political system in India are correct?

1. It is a democratic republic.
2. It has a Parliamentary form of government.
3. The Supreme Power draws its power from the people of India.
4. It provides for a unified authority.

Ans ✓ 1. Only 1, 2 and 3

✗ 2. Only 3 and 4

✗ 3. Only 1 and 2

✗ 4. 1, 2, 3 and 4

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