Community	ST
Test Center Name	iON Digital Zone iDZ Luthergiri
Test Date	03/12/2024
Test Time	4:00 PM - 5:30 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 Evaluate 85^2
Ans
✗ 1. 7235
✗ 2. 7195
✔ 3. 7225
✗ 4. 7245

Q.2 LCM and HCF of two numbers are 192 and 32 respectively. If one of the numbers is 64, then find the other number.
Ans
✗ 1. 97
✗ 2. 93
✔ 3. 96
✗ 4. 99

Q.3 How much water should be mixed in 40 litres of milk worth ₹6.90 per litre, so that the value of the mixture is ₹4.60 per litre?
Ans
✗ 1. 25 litres
✗ 2. 15 litres
✗ 3. 10 litres
✔ 4. 20 litres

Q.4 A train runs at a speed of 137 kmph to cover a distance of 411 km and then at a speed of 109 kmph to cover a distance of 327 km. Find the average speed of the train for the entire distance.
Ans
✔ 1. 123 kmph
✗ 2. 115 kmph
✗ 3. 87 kmph
✗ 4. 125 kmph

Q.5 If 25% of a number is added to 72, then the result is the same number. 60% of the same number is:
Ans
✗ 1. 87.6
✗ 2. 77.6
✗ 3. 27.6
✔ 4. 57.6

Q.6 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 250 m and 126 m.
$$take\ \pi = \frac{22}{7}$$
Ans
✔ 1. 396
✗ 2. 391
✗ 3. 393
✗ 4. 395

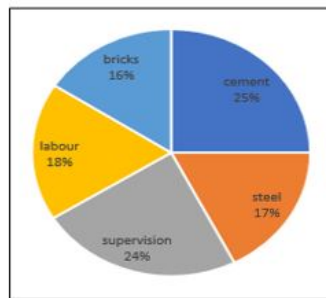**Q.7** The average of 7 numbers is 45. If each number is decreased by 5, what will the new average be?
Ans
✔ 1. 40
✗ 2. 45
✗ 3. 7
✗ 4. 35

Q.8 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 56 m and 154 m.

$$take\ \pi = \frac{22}{7}$$

Ans ✓ 1. 176

✗ 2. 173

✗ 3. 174

✗ 4. 171

Q.9 Three partners invested in a business in the ratio 3:9:8. They invested their capitals for 10 months, 1 months and 4 months, respectively. What was the ratio of their profits?

Ans ✗ 1. 28:9:32

✗ 2. 32:9:32

✗ 3. 31:9:32

✓ 4. 30:9:32

Q.10 A bank offers 6.6% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹4823 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. ₹479.07

✗ 2. ₹462.72

✗ 3. ₹474.94

✓ 4. ₹482.72

Q.11 David sold 172 chairs and had a gain equal to the selling price of 86 chairs. What is his profit percentage?

Ans ✗ 1. 95%

✗ 2. 110%

✓ 3. 100%

✗ 4. 105%

Q.12 The areas of three adjacent faces of a solid cuboid are 127 cm^2, 32 cm^2 and 254 cm^2. What is the volume (in cm^3) of the cuboid?

Ans ✗ 1. 941

✗ 2. 963

✗ 3. 1163

✓ 4. 1016

Q.13 Four years ago, the average age of P, Q and R was 25 years. If three years ago, the average age of P and Q was 20 years, find the present age of R.

Ans ✗ 1. 34 years

✓ 2. 41 years

✗ 3. 38 years

✗ 4. 35 years

Q.14 If $x = 2 + \sqrt{9}$ and $y = 2 - \sqrt{9}$ then the value of $x^2 + y^2$ is:

Ans ✗ 1. 9

✗ 2. 15

✗ 3. 22

✓ 4. 26

Q.15 Latika and Himani together invested ₹47800 in a business. At the end of the year, out of a total profit of ₹7500, Latika's share was ₹2700. What was the investment of Himani?

Ans ✗ 1. ₹31305

✓ 2. ₹30592

✗ 3. ₹32405

✗ 4. ₹28855

Q.16 A sum, when invested at 20% simple interest per annum, amounts to ₹2160 after 4 years. What is the simple interest (in ₹) on the same sum at the same rate in 2 year?

Ans ✗ 1. 1920

✓ 2. 480

✗ 3. 240

✗ 4. 960

Q.17 Express the following into a vulgar fraction.

$0.4\overline{2} + 0.\overline{42}$

Ans ✓ 1. $\dfrac{838}{990}$

✗ 2. $\dfrac{838}{999}$

✗ 3. $\dfrac{834}{990}$

✗ 4. $\dfrac{834}{999}$

Q.18 A train runs at a speed of 81 kmph to cover a distance of 405 km and then at a speed of 88 kmph to cover a distance of 176 km. Find the average speed of the train for the entire distance.

Ans ✔ 1. 83 kmph

✘ 2. 53 kmph

✘ 3. 133 kmph

✘ 4. 129 kmph

Q.19 The given pie chart shows the breakup of the cost of construction of an office.

If the total cost of construction is ₹9,00,000, by how much does the amount spent on cement exceed the amount spent on labour?

Ans ✔ 1. ₹63,000

✘ 2. ₹55,000

✘ 3. ₹45,000

✘ 4. ₹54,000

Q.20 If at same rate of interest, in 2 years, the simple interest is ₹60 and compound interest is ₹64, then what is the principal (in ₹)?

Ans ✘ 1. 218

✘ 2. 220

✔ 3. 225

✘ 4. 229

Q.21 A shopkeeper marks an article at ₹x and offers a discount of 60% on it. He sells it for ₹444 after charging VAT of 25% on the discounted price. What is the value of ₹ x?

Ans ✘ 1. ₹900

✘ 2. ₹700

✔ 3. ₹888

✘ 4. ₹1100

Q.22 During sale, Raghav bought a notebook marked for ₹50 at 40% discount and a pen marked for ₹32 at 50% discount. How much (in ₹) did he save due to sale?

Ans ✘ 1. 39

✘ 2. 33

✘ 3. 38

✔ 4. 36

Q.23 The average price of three items of furniture is Rs 16020. If their prices are in the ratio 3:5:7, the price of the costliest item (in Rs) is

Ans ✘ 1. 3204

✘ 2. 7476

✘ 3. 5340

✔ 4. 22428

Q.24 Express the following into vulgar fraction.

$$0.6\overline{41} + 0.\overline{23}$$

Ans ✔ 1. $\dfrac{173}{198}$

✘ 2. $\dfrac{173}{999}$

✘ 3. $\dfrac{173}{199}$

✘ 4. $\dfrac{173}{99}$

Q.25 A number when increased by 50 %', gives 3870. The number is:

Ans ✔ 1. 2580

✘ 2. 7740

✘ 3. 1290

✘ 4. 5160

Q.26 By selling an article at $\frac{2}{5}$ of its actual selling price, Ramesh incurs a loss of 16%. If he sells it at 73% of its actual selling price, then

Ans
✗ 1. 52.7%

✔ 2. 53.3%

✗ 3. 54.7%

✗ 4. 52.1%

Q.27 The area of a square plot is 841 m ^{2} . The length of each side of the plot (in m) is:

Ans ✗ 1. 39

✗ 2. 31

✗ 3. 41

✔ 4. 29

Q.28 LCM and HCF of two numbers are 150 and 5 respectively. If one of the numbers is 15, then find the other number.

Ans ✗ 1. 49

✗ 2. 52

✔ 3. 50

✗ 4. 48

Q.29 A train runs at a speed of 148 kmph to cover a distance of 296 km and then at a speed of 98 kmph to cover a distance of 294 km. Find the average speed of the train for the entire distance.

Ans ✗ 1. 114 kmph

✗ 2. 132 kmph

✗ 3. 131 kmph

✔ 4. 118 kmph

Q.30 The value of

$$\frac{5}{5} + \frac{5}{5} + \frac{4}{10} + \frac{1}{5} - 2 =$$

Ans

✗ 1. $\frac{3}{10}$

✔ 2. $\frac{6}{10}$

✗ 3. $\frac{1}{10}$

✗ 4. $-\frac{1}{10}$

Q.31 A man walks to a viewpoint and returns to the starting point by his car maintaining constant speed and thus takes a total time of 9 hours 30 minutes. He would have gained 7 hours by driving both ways. How long would it have taken for him to walk both ways with same walking speed?

Ans ✗ 1. 17 hours 30 minutes

✗ 2. 16 hours 45 minutes

✗ 3. 15 hours 15 minutes

✔ 4. 16 hours 15 minutes

Q.32 The smallest natural number which is divisible by 15, 63, 21 and 70 is:

Ans ✗ 1. 531

✗ 2. 632

✔ 3. 630

✗ 4. 587

Q.33 Lalit's average earning per month in the first three months of a year was ₹38360. In April, his earning was 50% more than the average earning in the first three months. If his average earning per month for the whole year is ₹55065, then what will be Lalit's average earning (in ₹) per month from May to December?

Ans ✔ 1. 61020

✗ 2. 61018

✗ 3. 61025

✗ 4. 61015

Q.34 If third proportional of 36 and 18 be x, then what is the value of x?

Ans ✗ 1. 11

✗ 2. 7

✗ 3. 10

✔ 4. 9

Q.35 Find the least of value of 'x' so that the number 9052743x2 is divisible by 8.

Ans

✗ 1. 3

✗ 2. 8

✗ 3. 7

✓ 4. 9

Q.36 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3617845, which of the following digits will be second from the left in the new number thus formed?

Ans

✗ 1. 2

✓ 2. 4

✗ 3. 8

✗ 4. 6

Q.37 Select the number from among the given options that can replace the question mark (?) in the following series.

143 170 234 359 ?

Ans

✗ 1. 573

✓ 2. 575

✗ 3. 535

✗ 4. 555

Q.38 In a certain code language, 'GIFT' is coded as '5173' and 'FLOW' is coded as '4612'. What is the code for 'F' in the given code language?

Ans

✓ 1. 1

✗ 2. 2

✗ 3. 7

✗ 4. 4

Q.39 NHLO is related to SMQT in a certain way based on the English alphabetical order. In the same way, PJNQ is related to UOSV. To which of the following is RLPS related, following the same logic?

Ans

✗ 1. QWUX

✓ 2. WQUX

✗ 3. WQXU

✗ 4. QWXU

Q.40 D, E, F, G, H, I and T are sitting around a circular table facing the centre of the table. F sits third to the left of H. Only one person sits between H and T when counted from the left of T. Only two people sit between G and I when counted from the right of I. D is an immediate neighbour of G. Who sits third to the right of E?

Ans

✗ 1. I

✗ 2. T

✓ 3. F

✗ 4. D

Q.41 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

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

✗ 2. 7

✗ 3. 4

✓ 4. 5

Q.42 Seven boxes, C, D, E, F, G, H and P, are kept one over the other but not necessarily in the same order. Only one box is kept below C. Only three boxes are kept between C and H. F is kept at one of the positions below C. Only P is kept between H and G. E is kept at one of the positions above H. How many boxes are kept between D and F?

Ans

✗ 1. Two

✓ 2. One

✗ 3. Four

✗ 4. Three

Q.43 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.)
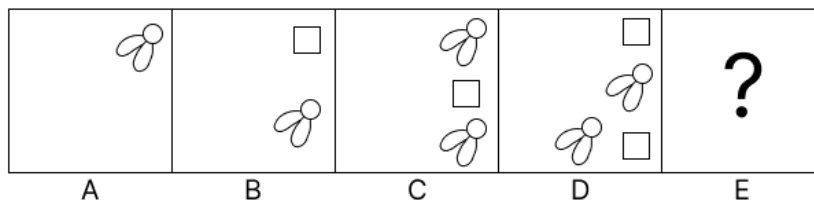
Ans

✓ 1. CG - JB

✗ 2. LP - SJ

✗ 3. IM - PG

✗ 4. FJ - MD

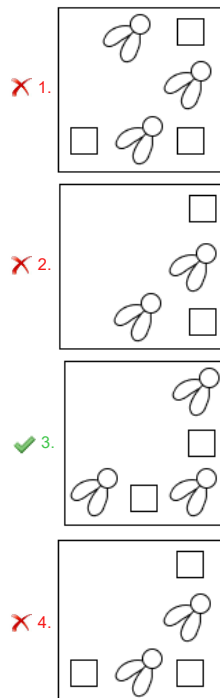**Q.44** A is the sister of B's daughter C. K is the mother of C, and L is the father of K. How is A related to L?

Ans

✗ 1. Daughter's son

✓ 2. Daughter's daughter

✗ 3. Son's son

✗ 4. Son's daughter

Q.45 Rahul starts from Point A and drives 7 km towards East. He then takes a right turn, drives 2 km, turns right and drives 4 km. He then takes a right turn and drives 6 km. He takes a final left turn, drives 3 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. 6 km towards North

  ✔ 2. 4 km towards South

  ✗ 3. 11 km towards East

  ✗ 4. 11 km towards North

Q.46 In a certain code language, 'stay always positive' is coded as 'tk mp bk' and 'always on time' is coded as 'lj tk mo'. How is 'always' coded in the given language?

Ans

  ✗ 1. bk

  ✔ 2. tk

  ✗ 3. lj

  ✗ 4. mo

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

(Left) 157 643 351 267 872 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

NOTE: All operations to be done from left to right.

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

Ans

  ✗ 1. 2

  ✗ 2. 4

  ✗ 3. 1

  ✔ 4. 3

Q.48 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 shirts are pants.
All pants are trousers.
Some pants are coats.
Conclusions:
(I): Some trousers are coats.
(II): Some shirts are coats.

Ans

  ✔ 1. Only conclusion (I) follows.

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

  ✗ 3. Only conclusion (II) follows.

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

Q.49 In a certain code language, 'ROMS' is coded as '2613' and 'WORM' is coded as '8326'. What is the code for 'W' in the given code language?

Ans

  ✗ 1. 6

  ✗ 2. 2

  ✔ 3. 8

  ✗ 4. 3

Q.50 Seven boxes U, V, W, X, P, Q and R are kept one over the other but not necessarily in the same order. Only two boxes are kept between P and U. Only X is kept above W. No box is kept below U. R is kept at some place below V but at some place above Q. Which box is kept third above Q?

Ans

  ✗ 1. R

  ✗ 2. X

  ✗ 3. U

  ✔ 4. V

Q.51 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

A   B   C   D   E

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.52 FGH starts from Point A and drives 16 km towards south. He then takes a left turn, drives 12 km, turns left and drives 28 km. He then takes a left turn and drives 23 km. He takes a final left 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. 6 km towards west

✔ 2. 11 km towards east

✗ 3. 9 km towards east

✗ 4. 10 km towards west

Q.53 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.

DESK - EDSK - KEDS
ROAD - ORAD - DORA

Ans   ✔ 1. PRAY - RPAY - YRPA

✗ 2. VANS - AVNS - ANSV

✗ 3. FROG - FORG - GORF

✗ 4. JAMS - AJMS - SAMJ

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

24 ÷ 4 + 10 × 5 − 3 = ?

Ans   ✗ 1. 91

✗ 2. 95

✔ 3. 97

✗ 4. 93

Q.55 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

IXE 2 KSH −9 MNK −20 OIN −31 ?

Ans   ✗ 1. WQZ −66

✗ 2. DQP −44

✔ 3. QDQ −42

✗ 4. YWZ −65

Q.56 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M
|
AREDPL
|
|
N

Ans ✗ 1. ꓘꓤꓷꓱꓷꓶ ꓮ

✗ 2. ꓮꓤꓱꓷꓷꓶ

✗ 3. ꓱꓷꓷꓶ ꓶꓤꓮ

✓ 4. ꓮꓤꓱꓷꓷꓶ

Q.57 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. JE : HC

✓ 2. PJ : MH

✗ 3. MH : KF

✗ 4. RM : PK

Q.58 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 :: ?

: HJE :: OQL : %

Ans ✗ 1. # = PKO, % = NHU

✓ 2. # = LNI, % = KMH

✗ 3. # = MLI, % = KJK

✗ 4. # = HGY, % = LHU

Q.59 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.)
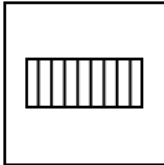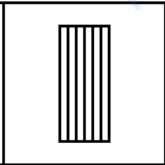
(10, 130, 13)
(11, 187, 17)

Ans ✗ 1. (49, 542, 11)

✓ 2. (36, 792, 22)

✗ 3. (3, 51, 16)

✗ 4. (39, 627, 16)

Q.60 A @ B means 'A is the daughter of B',
A * B means ' A is the father of B',
A - B means 'A is the son of B' and
A $ B means 'A is the sister of B'.
Based on the above information, which of the following means that H is the brother's daughter of D?

Ans ✗ 1. H $ A * M - I @ D

✗ 2. H @ A - M $ I * D

✓ 3. H @ A - M * I $ D

✗ 4. H * A @ M $ I - D

Q.61 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results 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.)
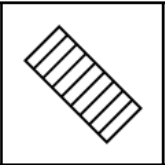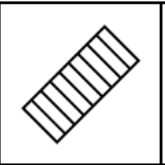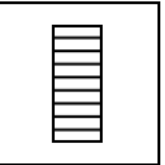
8 - 10 - 14 - 7; 6 - 8 - 12 - 6

Ans ✗ 1. 13 - 15 - 30 - 60

✓ 2. 4 - 6 - 10 - 5

✗ 3. 2 - 4 - 8 - 16

✗ 4. 3 - 5 - 9 - 18

Q.62 If 'I' stands for '+' , 'J' stands for '×', 'K' stands for '÷', and 'L' stands for '–' what will come in place of the question mark '?' in the following equation?
(16 I 9 L 13) I 7 J 5 L (22 K 2) I 4 J 9 = ?

Ans ✗ 1. 60

✗ 2. 84

✓ 3. 72

✗ 4. 96

Q.63 A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only two people sit between A and D, when counted from the right of A. Only two people sit between D and G. Only three people sit between A and C. F sits to the immediate left of E. How many people sit between C and G, when counted from the left of G?

Ans
❌ 1. 4
✅ 2. 1
❌ 3. 2
❌ 4. 3

Q.64 This question is based on the given words.
WIG RUT HEN JOY
If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

Ans
❌ 1. Zero
❌ 2. One
✅ 3. Two
❌ 4. Three

Q.65 Refer to the following number, symbol series and answer the question that follows. Counting to be done from left to right only.

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

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

Ans
❌ 1. 3
❌ 2. 2
❌ 3. 9
✅ 4. 5

Q.66 G, H, I, J, K and L, each scored different marks. I scored the maximum marks. Only G scored less than K. L scored more than H but less than J.
How many people among the six, scored more than H but less than J?

Ans
❌ 1. Two
❌ 2. Four
❌ 3. Three
✅ 4. One

Q.67 Select the term from among the given options that can replace the question mark (?) in the following series.

LDY 1 JGX -3 HJW 9 FMV -27 ?

Ans
❌ 1. UOD 81
❌ 2. PVD 80
✅ 3. DPU 81
❌ 4. EDP 80

Q.68 All 29 people are standing in a row facing north. KLM is 8th from the right end, while PRQ is 12th from the left end. How many people are there between KLM and PRQ?

Ans
❌ 1. 7
✅ 2. 9
❌ 3. 8
❌ 4. 10

Q.69 Five figures have been given, out of which four are alike in some manner and one is different. Select the one that is different.

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

Ans
✅ 1. B
❌ 2. E
❌ 3. C
❌ 4. D

Q.70 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. BCA
❌ 2. ZAY
✅ 3. LNK
❌ 4. KLJ

Section : **General Awareness**

Q.71 Which of the following factors mainly contributes to the difference of temperature between the coastal and interior areas?

Ans
- ✗ 1. Ocean currents
- ✗ 2. Latitude
- ✓ 3. Distance from the sea (continentality)
- ✗ 4. Altitude

Q.72 In _____, tales from Mahabharata are sung as a ballad and one or two episodes are chosen for the night's performance in Chhattisgarh.

Ans
- ✗ 1. Sohar
- ✗ 2. Chhakri
- ✗ 3. Alha
- ✓ 4. Pandavani

Q.73 Which of the following authorites in India have the power to terminate the citizenship of an individual under certain circumstances?

Ans
- ✗ 1. Supreme Court
- ✓ 2. Union Government
- ✗ 3. Delhi Government
- ✗ 4. Any State Government

Q.74 NASA's very first space mission to study an M-type (metallic) asteroid, Psyche mission, was launched on which date from Kennedy Space Center?

Ans
- ✗ 1. 15 March 2023
- ✓ 2. 13 October 2023
- ✗ 3. 01 July 2023
- ✗ 4. 27 December 2023

Q.75 Identify the INCORRECT pair of biosphere reserve and its associated state from the given options.

Ans
- ✗ 1. Panna – Madhya Pradesh
- ✗ 2. Seshachalam – Andhra Pradesh
- ✓ 3. Nokrek – Mizoram
- ✗ 4. Dibru-Saikhowa – Assam

Q.76 What characterises employment in the informal sector of the Indian economy?

Ans
- ✗ 1. Employment contracts are always written and legally binding.
- ✗ 2. Informal sector jobs are typically high-wage positions.
- ✗ 3. Workers are entitled to social security benefits and formal job protection.
- ✓ 4. Employment primarily involves self-employment or small, unregistered businesses.

Q.77 Where was the joint military exercise MAITREE 2024 conducted between the Indian Army and the Royal Thailand Army?

Ans
- ✗ 1. Phuket, Thailand
- ✓ 2. Tak Province, Thailand
- ✗ 3. Chiang Mai, Thailand
- ✗ 4. Bangkok, Thailand

Q.78 India's first tilapia parvovirus contamination was reported in Tamil Nadu in October 2023. The virus primarily infected _____.

Ans
- ✓ 1. fishes
- ✗ 2. goats
- ✗ 3. bats
- ✗ 4. monkeys

Q.79 Which food safety management system published in 2005 provides a framework for organisations to manage food safety?

Ans
- ✗ 1. ISO 17025
- ✗ 2. ISO 9000
- ✗ 3. ISO 14000
- ✓ 4. ISO 22000

Q.80 Which of the following is the highest law officer in the Government of India?

Ans
- ✗ 1. Chief Justice of India
- ✗ 2. Judge of High court
- ✗ 3. Judge of the Supreme Court
- ✓ 4. Attorney General of India

Q.81 Where did Prime Minister Narendra Modi inaugurate the opening ceremony of the Khelo India Youth Games 2023 in January 2024?

Ans
- ✗ 1. Madurai
- ✗ 2. Trichy
- ✓ 3. Chennai
- ✗ 4. Coimbatore

Q.82 Which initiative of the Government of India aims to integrate various sub-schemes related to safety, security, and empowerment of women under an umbrella scheme for greater efficiency and effectiveness in India?

Ans ✗ 1. Mission Nirbhaya

✓ 2. Mission Shakti

✗ 3. Mission Yukti

✗ 4. Mission Vatsalya

Q.83 Which of the following is the longest train route in India as of 2023?

Ans ✗ 1. Agartala-Bangaluru

✗ 2. Tiruvananthpuram-Silchar

✗ 3. Tirunelveli-Katra

✓ 4. Dibrugarh-Kanniyakumari

Q.84 Which of the following Articles of the Indian Constitution guarantees protection against arrest and detention in certain cases?

Ans ✗ 1. Article 20

✗ 2. Article 21

✗ 3. Article 23

✓ 4. Article 22

Q.85 When did Ashwini Vaishnaw launch Digital Intelligence Platform (DIP) of Department of Technology for Coordination among the stakeholders to curb misuse of telecom resources in cyber-crime and financial fraud?

Ans ✓ 1. March 2024

✗ 2. January 2024

✗ 3. July 2024

✗ 4. August 2024

Q.86 Rauwolfia serpentina is a:

Ans ✗ 1. helminth parasite

✗ 2. poisonous snake

✓ 3. medicinal plant

✗ 4. contributing organism of AIDS

Q.87 Select the correct statement among the following regarding the Lok Adalats.

1. This is a symbol of the justice system that has been prevalent since ancient times.
2. This system is based on Gandhian principles.
3. After independence, the first Lok Adalat in India was established in Madhya Pradesh in the year 1982.
4. The decision given by the Lok Adalat is not binding on both the parties.

Ans ✗ 1. Only 1

✓ 2. Only 1 and 2

✗ 3. Only 1, 3 and 4

✗ 4. Only 2, 3 and 4

Q.88 As part of military-to-military exchange programmes, a contingent of Indian Special Forces troops engaged in a bilateral joint training exercise GARUDA SHAKTI with which of the following countries in Nov 2022?

Ans ✗ 1. Malaysia

✓ 2. Indonesia

✗ 3. Taiwan

✗ 4. Vietnam

Q.89 Which of the following Gurjara-Parthihara kings was highly praised by the Arabian scholar Sulaiman for keeping his empire safe from robbers?

Ans ✓ 1. Mihira Bhoja

✗ 2. Vatsaraja

✗ 3. Nagabhata II

✗ 4. Ramabhadra

Q.90 Which of the following is against globalisation?

Ans ✗ 1. Globalisation increases the use of advanced technology.

✗ 2. Globalisation increases the diversification of products.

✓ 3. Globalisation increases economic disparities.

✗ 4. Globalisation increases access to global markets.

Q.91 Through which of the following platforms does the New India Literacy Programme (NILP) encourage learners to access content in local languages across the country?

Ans ✗ 1. Google Classroom

✗ 2. PM Abhyas portal

✗ 3. DISHA portal

✓ 4. DIKSHA platform

Q.92 Match the (List-I cities) with (List-II temperature) characteristics: and chose your answer the code below.

(List-I - Cities) (List-II - Temperature)
(A) Pahalgam I. 50°C in summer, 15°C at night
(B) Drass II. Temperature can be as low as minus 45°C
(C) Thar Desert III. Around 20°C in summer
(D) Thiruvananthapuram IV. Temperature is 22°C

Ans
✔ 1. (a) iii (b) ii (c) i (d) IV
✘ 2. (a) iii (b) i (c) ii (d) iii
✘ 3. (a) ii (b) iii (c) i (d) iv
✘ 4. (a) iv (b) iii (c) ii (d) i

Q.93 Which of the following launch vehicles was used to launch the Aditya- L1, the first solar mission of India?

Ans
✔ 1. Polar Satellite Launch Vehicle -XL
✘ 2. Geosynchronous Launch Vehicle Mark III
✘ 3. Space Launch Vehicle
✘ 4. Geosynchronous Launch Vehicle

Q.94 Which of the following did the conventional method specifically define as 'quasi-money'?

Ans
✘ 1. Media of exchange considered as money
✘ 2. All forms of money
✔ 3. Financial instruments that are not media of exchange but are substitutes
✘ 4. Narrow money

Q.95 At which of the following sessions of the Congress did it get split into the Moderates and the Extremists?

Ans
✘ 1. Allahabad
✘ 2. Calcutta
✘ 3. Lahore
✔ 4. Surat

Q.96 Equity in agriculture called for _____, which primarily refers to change in the ownership of landholdings.

Ans
✘ 1. land grab
✔ 2. land reform
✘ 3. Zamindari system
✘ 4. land consolidation

Q.97 Who among the following had one of their capitals at Benaras?

Ans
✘ 1. Paramaras
✔ 2. Gahadavalas
✘ 3. Palas
✘ 4. Chahamanas

Q.98 In eastern Bengal, Matua sect of social reformer, _____ worked among Chandala cultivators.

Ans
✘ 1. Akshay Kumar Datta
✘ 2. Ishwar Chandra Vidyasagar
✔ 3. Haridas Thakur
✘ 4. Guru Ghasidas

Q.99 Which of the following has the highest specific heat capacity at room temperature and atmospheric pressure?

Ans
✘ 1. Mercury
✔ 2. Water
✘ 3. Iron
✘ 4. Glass

Q.100 Which Carnatic vocalist was popularly known as the 'Nightingale of India'?

Ans
✘ 1. Lalgudi Jayaraman
✘ 2. DK Pattammal
✘ 3. Balamuralikrishna
✔ 4. MS Subbulakshmi

Q.101 Who is the author of the story book The End of Imagination?

Ans
✘ 1. Prasanna Kumar Acharya
✔ 2. Arundhati Roy
✘ 3. Shashi Tharoor
✘ 4. Pema Dorjee

Q.102 Where is the Lalitagiri Buddhist site located?

Ans
✘ 1. Bihar
✔ 2. Odisha
✘ 3. Haryana
✘ 4. Rajasthan

Q.103 What is the name of the Prime Minister's new rooftop solar power scheme launched by Shri Narendra Modi on 15 February 2024?

Ans ✗ 1. Pradhan Mantri Gram Ujala Yojana

✗ 2. Pradhan Mantri Surya Kiran Yojana

✗ 3. Pradhan Mantri Ujala Yojana

✓ 4. PM Surya Ghar: Muft Bijli Yojana

Q.104 Spain joined the International Solar Alliance (ISA) as which member in May 2024?

Ans ✗ 1. 100th

✗ 2. 94th

✓ 3. 99th

✗ 4. 97th

Q.105 In March 2024, Sports Minister Anurag Thakur announced the establishment of how many National Centres of Excellence (NCOE) exclusively for women on the occasion of International Women's Day?

Ans ✓ 1. Two

✗ 2. Three

✗ 3. Five

✗ 4. Four

Q.106 VL-832, PBW-502 and Aditya (HD 2781) are varieties of which Indian crop?

Ans ✓ 1. Wheat

✗ 2. Rice

✗ 3. Maize

✗ 4. Jute

Q.107 Who among the following was NOT associated with 'Servants of India Society'?

Ans ✓ 1. Bal Gangadhar Tilak

✗ 2. Anant Vinayak Patwardhan

✗ 3. Gopal Krishna Deodhar

✗ 4. Natesh Appaji Dravid

Q.108 Which of the following schemes hasShishu, Kishore and Tarun sub-schemes?

Ans ✗ 1. DeenDayal Upadhyaya Grameen Kaushalya Yojana

✓ 2. Mudra Yojana

✗ 3. Gold Monetisation Scheme

✗ 4. Start-up India

Q.109 Who among the following holds office during the pleasure of the President?

Ans ✗ 1. Chairman of the Union Public Service Commission

✗ 2. Comptroller and Auditor General of India

✓ 3. Attorney General of India

✗ 4. Speaker of the Lok Sabha

Q.110 What is the product of the following reaction?

2NaOH (aq) + Zn (s) →

Ans ✗ 1. ZnO_2 (s) and N_2O (g)

✓ 2. Na_2ZnO_2 (s) and H_2 (g)

✗ 3. Na_2ZnO_2 (s) and H_2O (l)

✗ 4. ZnO_2 (s) and H_2O (l)

Q.111 In which of the following countries is the policy of dual citizenship accepted?

Ans ✗ 1. India

✓ 2. US

✗ 3. China

✗ 4. UK

Q.112 Which Article of the Indian constitution deals with the advisory jurisdiction of the Supreme Court?

Ans ✗ 1. Article 142

✗ 2. Article 145

✗ 3. Article 148

✓ 4. Article 143

Q.113 Who among the following kings of the Gupta dynasty married the Lichchhavi princess (Kumari devi)?

Ans ✗ 1. Chandra Gupta II

✗ 2. Samudra Gupta

✗ 3. Kumara Gupta

✓ 4. Chandra Gupta I

Q.114 According to the sustainable development approach, which of the following strategies is essential for rural development?

Ans

   ✗ 1. Increasing reliance on non-renewable resources

   ✓ 2. Integrating environmental sustainability with economic development

   ✗ 3. Prioritising short-term economic gains

   ✗ 4. Focusing solely on agricultural productivity

Q.115 To which phylum do round worms belong?

Ans

   ✓ 1. Aschelminthes

   ✗ 2. Annelida

   ✗ 3. Platyhelminthes

   ✗ 4. Ctenophora

Q.116 Which of the following union territories reported the highest literacy rate according to the Census of India 2011?

Ans

   ✗ 1. Puducherry

   ✗ 2. Chandigarh

   ✓ 3. Lakshadweep

   ✗ 4. Daman and Diu

Q.117 According to the DSCI-SEQRITE India Cyber Threat Report, 2023, which of the following industrial sectors has/have detected the highest number of malware attack spectrums?

Ans

   ✓ 1. Automobiles

   ✗ 2. Education

   ✗ 3. Logictics

   ✗ 4. IT Industries

Q.118 Which of the following was NOT a part of Shailendra Empire, founded in the South East Asia, in the 8th Century CE?

Ans

   ✗ 1. Malaya

   ✗ 2. Java

   ✗ 3. Sumatra

   ✓ 4. Srilanka

Q.119 Where did the Judo Federation of India conduct the Senior National Judo Championships 2023-24 in the month of October 2023?

Ans

   ✗ 1. New Delhi

   ✓ 2. Jaipur

   ✗ 3. Patna

   ✗ 4. Bhopal

Q.120 Which of the following is associated with strain?

Ans

   ✗ 1. Scalar

   ✗ 2. Raster

   ✗ 3. Vector

   ✓ 4. Dimensionless