Community	OBC NCL
Test Center Name	iON Digital Zone iDZ 1 Mathura Road
Test Date	12/12/2024
Test Time	9:00 AM - 10:30 AM
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 conical tent has to accommodate 40 persons. Each person requires 5 m^2 space on the ground and 70 m^3 of air to breathe. Find the height (in m) of the tent (use π = 22/7).

Ans
✗ 1. 38
✗ 2. 45
✓ 3. 42
✗ 4. 40

Q.2 If a 1092 m long train crosses a pole in 52 seconds, then find the time (in seconds) taken by the train to cross a 294 m long platform.

Ans
✗ 1. 60
✓ 2. 66
✗ 3. 63
✗ 4. 61

Q.3 If the average of the four consecutive odd numbers is 42, find the sum of the digits of the largest of these numbers.

Ans
✗ 1. 5
✗ 2. 8
✗ 3. 7
✓ 4. 9

Q.4 If $29 \times 2 \times 742 \div \sqrt{2809} = y + 784$, then find the value of y.

Ans
✗ 1. 35
✗ 2. 36
✓ 3. 28
✗ 4. 26

Q.5 The smallest natural number which is divisible by 14, 42, 54 and 6 is:

Ans ✗ 1. 384

 ✗ 2. 458

 ✓ 3. 378

 ✗ 4. 298

Q.6 120 l of a mixture of milk and water contains 15% of water. How much water (in litres) should be added to the mixture to make the water content 25%?

Ans ✗ 1. 24

 ✓ 2. 16

 ✗ 3. 12

 ✗ 4. 20

Q.7 If $13 \times 7 \times 686 \div \sqrt{2401} = y + 785$, then find the value of y.

Ans ✓ 1. 489

 ✗ 2. 498

 ✗ 3. 488

 ✗ 4. 499

Q.8 The area of a square plot is 961 m^2 . The length of each side of the plot (in m) is:

Ans ✗ 1. 29

 ✓ 2. 31

 ✗ 3. 39

 ✗ 4. 41

Q.9 Pramod sold 171 chairs and had a gain equal to the selling price of 57 chairs. What is his profit percentage?

Ans ✗ 1. 60%

 ✗ 2. 55%

 ✗ 3. 45%

 ✓ 4. 50%

Q.10 The average of eight numbers is 20. The average of five of these numbers is 21. The average of the remaining three numbers is

Ans ✗ 1. 19.33

 ✓ 2. 18.33

 ✗ 3. 20.33

 ✗ 4. 17.33

Q.11 Two trains of equal length are running on parallel lines in the same direction at speeds of 40 km/h and 22 km/h. The faster train passes the slower train in 40 seconds. The length of each train is:

Ans ✓ 1. 100 meters

 ✗ 2. 90 meters

 ✗ 3. 82 meters

 ✗ 4. 114 meters

Q.12 The smallest 1-digit number to be added to the 6-digit number 547363 so that it is completely divisible by 11 is:

Ans ✗ 1. 5

 ✗ 2. 4

 ✗ 3. 6

 ✓ 4. 8

Q.13 Find the simple interest (in ₹) on ₹2000 at 6.25% per annum rate of interest for the period from 12 February 2023 to 26 April 2023

Ans
✗ 1. 24

✓ 2. 25

✗ 3. 26

✗ 4. 23

Q.14 The smallest 1-digit number to be added to the 6-digit number 497094 so that it is completely divisible by 11 is:

Ans
✗ 1. 4

✗ 2. 8

✓ 3. 7

✗ 4. 6

Q.15 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 247, determine the number of boys participating in the sports.

Ans
✗ 1. 1210

✓ 2. 1235

✗ 3. 1265

✗ 4. 1255

Q.16 A shopkeeper lists the price of a fan at 60% above its cost price and offers a 30% discount on its list price. If he earns a profit of ₹60, then what is the list price (in ₹) of the fan?

Ans
✗ 1. 1021

✗ 2. 824

✓ 3. 800

✗ 4. 873

Q.17 A bank offers 6.8% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹4879 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. ₹503.29

✗ 2. ₹524.58

✗ 3. ₹521.27

✗ 4. ₹513.29

Q.18 A bank offers 9.2% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹2907 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. ₹395.33

✗ 2. ₹417.31

✓ 3. ₹407.31

✗ 4. ₹399.22

Q.19 During sale, Raghav bought a notebook marked for ₹100 at 77% discount and a pen marked for ₹100 at 16% discount. How much (in ₹) did he save due to sale?

Ans
✗ 1. 92

✓ 2. 93

✗ 3. 91

✗ 4. 95

Q.20 Observe the graph and answer the following question.
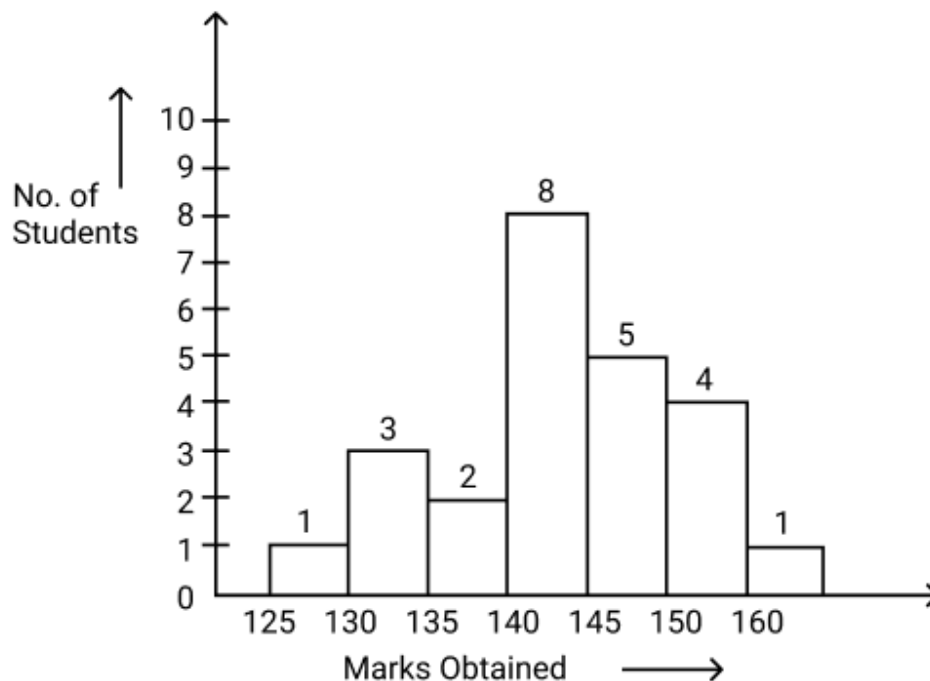
How many students obtained marks more than 135?

Ans ✗ 1. 12

✔ 2. 18

✗ 3. 16

✗ 4. 14

Q.21 In what ratio must Suhail, a wholesaler, mix wheat worth ₹45 per kg with wheat worth ₹75 per kg, so that by selling the mixture at ₹80 per kg, he may gain 25%?

Ans ✔ 1. 11 : 19

✗ 2. 13 : 17

✗ 3. 11 : 17

✗ 4. 13 : 19

Q.22

Find the value of $\left[(28 \times 10) \times \left\{ 4 \div 4 \times \dfrac{(19 - 12)}{7} \right\} \right]$

Ans ✗ 1. 275

✗ 2. 298

✗ 3. 266

✔ 4. 280

Q.23 Express the following into vulgar fraction.

$0.12\overline{3} + 0.\overline{39}$

Ans ✗ 1. $\dfrac{568}{1100}$

✔ 2. $\dfrac{569}{1100}$

✗ 3. $\dfrac{578}{1100}$

✗ 4. $\dfrac{579}{1100}$

Q.24 A shopkeeper marks an article at ₹x and offers a discount of 40% on it. He sells it for ₹255 after charging VAT of 70% on the discounted price. What is the value of ₹ x?

Ans
✗ 1. ₹400

✗ 2. ₹100

✓ 3. ₹250

✗ 4. ₹200

Q.25 The price of fuel decreases by 25%, 60% and 10% in three successive months, but increases by 60% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price?

Ans
✗ 1. Increases by 61.02%

✗ 2. Increases by 59.84%

✓ 3. Decreases by 56.79%

✗ 4. Decreases by 59.51%

Q.26 A person drove at 39 kmph for 3.5 hours, then increased his speed by 9 kmph, and reached the destination in another hour. Find the average speed (in kmph) of the person during the entire journey.

Ans
✗ 1. 43

✗ 2. 45

✓ 3. 41

✗ 4. 47

Q.27 Raghu completes his journey in 20 hours. He covers half the distance at 27 km/h and the rest at 54 km/h. What is the length of the journey (in Km)?

Ans
✓ 1. 720

✗ 2. 728

✗ 3. 710

✗ 4. 712

Q.28 The average price of three items of furniture is Rs 15960. If their prices are in the ratio 3:5:7, the price of the costliest item (in Rs) is

Ans
✓ 1. 22344

✗ 2. 5320

✗ 3. 7448

✗ 4. 3192

Q.29 Parvati and Pari invest in a business in the ratio 7 : 15. If total profit is Rs. 1166, then what is difference between the profit (in Rs.) of Parvati and Pari?

Ans
✓ 1. 424

✗ 2. 524

✗ 3. 274

✗ 4. 324

Q.30 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 112 m and 114 m.

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

Ans
✗ 1. 354

✗ 2. 347

✓ 3. 352

✗ 4. 350

Q.31 Find the volume of a sphere whose surface area is 1386 cm^2.

Ans
- ✗ 1. 4726 cm^2
- ✗ 2. 4518 cm^2
- ✓ 3. 4851 cm^2
- ✗ 4. 4672 cm^2

Q.32 The population of a village was 140000. It increased by 5% in the first year and increased by 20% in the second year. Its population after two years is _____.

Ans
- ✗ 1. 168000
- ✗ 2. 147000
- ✓ 3. 176400
- ✗ 4. 175000

Q.33 Simplify the following:

$$5 \times \left(\frac{3}{4}\right) - 2 \times \left(\frac{1}{4}\right) - 3 \times \left(\frac{1}{4}\right) - \left(\frac{1}{4}\right)$$

Ans
- ✗ 1. $\dfrac{5}{4}$
- ✓ 2. $\dfrac{9}{4}$
- ✗ 3. $\dfrac{7}{4}$
- ✗ 4. $\dfrac{3}{4}$

Q.34 Isha and Anshu together invested ₹44000 in a business. At the end of the year, out of a total profit of ₹8800, Isha's share was ₹1100. What was the investment of Anshu?

Ans
- ✓ 1. ₹38500
- ✗ 2. ₹40115
- ✗ 3. ₹38110
- ✗ 4. ₹37420

Q.35 A number when divided by 576 gives remainder 75. If the same number is divided by 24, then find the remainder.

Ans
- ✗ 1. 4
- ✓ 2. 3
- ✗ 3. 2
- ✗ 4. 1

Section : **General Intelligence and Reasoning**

Q.36 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 384571, what will be the sum of all even digits in the new number thus formed?

Ans
- ✗ 1. 14
- ✗ 2. 16
- ✓ 3. 8
- ✗ 4. 12

Q.37	Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

EA-HD-KN
GC-JF-MP

Ans ✗ 1. IE-LH-OS

✗ 2. IF-LG-OS

✓ 3. IE-LH-OR

✗ 4. IF-LH-OS

Q.38 This question is based on the following words.
CAR SHE BEG MUD
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. 1

✓ 2. 3

✗ 3. 4

✗ 4. 2

Q.39 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. CX : AV

✗ 2. ID : GB

✗ 3. NI : LG

✓ 4. QL : PJ

Q.40 In a certain code language, 'GASP' is coded as '8264' and 'TAPS' is coded as '8562'. What is the code for 'T' in that language?

Ans ✗ 1. 2

✗ 2. 6

✓ 3. 5

✗ 4. 8

Q.41 Six people, named W, X, Y, Z, T and U, each are of different ages. The age of W is 30. The age of U is one-fourth the age of T. The age of Y is two times the age of X. The age of T is five times the age of Y. The age of W is two times the age of U. If the age of X is one-fourth the age of Z, what is the age of Z?

Ans ✗ 1. 35

✗ 2. 45

✗ 3. 25

✓ 4. 24

Q.42 Select the number from among the given options that can replace the question mark (?) in the following series.

24 88 137 173 ?

Ans ✗ 1. 200

✗ 2. 196

✓ 3. 198

✗ 4. 202

Q.43 25 is related to 155 following a certain logic. Following the same logic, 20 is related to 125. To which of the following is 32 related, following the same logic?

(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.)

Ans
✗ 1. 199

✓ 2. 197

✗ 3. 192

✗ 4. 166

Q.44 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:
All spoons are forks.
All forks are jars.
Some jars are knives.

Conclusions:
(I) Some forks are knives.
(II) Some spoons are knives.

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.45 This question is based on the following words.

JAR CUT DIM FOG

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. 2

✗ 2. 4

✗ 3. 3

✗ 4. 1

Q.46 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) C & T % 7 2 R G E * S D Y # 3 5 4 @ 6 K & (Right)

How many such symbols are there which are immediately preceded by a number and also immediately followed by a letter?

Ans
✗ 1. 3

✗ 2. 1

✗ 3. 2

✓ 4. 0

Q.47 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 one that DOES NOT belong to that group?

Ans
✗ 1. ID : GB

✗ 2. DY : BW

✗ 3. KF : ID

✓ 4. RM : OK

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.)
(19, 38, 114)
(14, 28, 84)

Ans ✔ 1. (12, 24, 72)

✘ 2. (15, 30, 85)

✘ 3. (16, 48, 96)

✘ 4. (17, 34, 68)

Q.49 Ankit starts from point A and drives 11 km towards North. He then takes a left turn, drives 12 km, turns left and drives 14 km. He then takes a left turn and drives 14 km. He takes a final left turn, drives 3 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degrees turns only unless specified.)

Ans ✘ 1. 3 km to the West

✔ 2. 2 km to the West

✘ 3. 1 km to the West

✘ 4. 4 km to the West

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

IDX 1 MGS −6 ? UMI −26 YPD −39

Ans ✘ 1. WPS −11

✘ 2. PWX −9

✘ 3. PLW −13

✔ 4. QJN −15

Q.51 Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only five people sit between F and A. E sits to the immediate left of A. Only one person sits between E and B. G sits at some place to the left of D but at some place to the right of C. How many people sit between A and C?

Ans ✘ 1. 1

✔ 2. 4

✘ 3. 2

✘ 4. 3

Q.52 If 1 is added to each even digit and 1 is added to each odd digit in the number 2175648, what will be the sum of the first and last digits in the new number thus formed?

Ans ✘ 1. 10

✔ 2. 12

✘ 3. 9

✘ 4. 7

Q.53 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. C

✘ 2. A

✘ 3. B

✘ 4. D

Q.54 This question is based on the given words.
VAN BUT ZIP DEW
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?
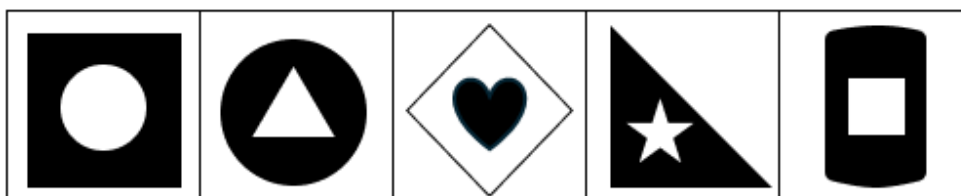
Ans
  ❌ 1. One

  ❌ 2. Three

  ❌ 3. Two

  ✅ 4. Zero

Q.55 A, B, C, D, E and F 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. C lives on an even numbered floor but not 6. The sum of the floors on which B and C live is 7. A lives immediately above E. The sum of the floors on which C and F live is 3. How many people live between A and C?

Ans
  ❌ 1. 3

  ❌ 2. 4

  ✅ 3. 1

  ❌ 4. 2

Q.56 In a certain code language, 'HAZE' is coded as '8574' and 'HEAL' is coded as '1745'. What is the code for 'L' in that language?

Ans
  ❌ 1. 4

  ✅ 2. 1

  ❌ 3. 5

  ❌ 4. 7

Q.57 Select the term from among the given options that can replace the question mark (?) in the following series.

TUR 71 UQT 60 VMV 49 ? XEZ 27

Ans
  ❌ 1. VIY 35

  ❌ 2. UWX 32

  ❌ 3. VJX 34

  ✅ 4. WIX 38

Q.58 A * B means ' A is the father of B',
A - B means 'A is the son of B',
A $ B means 'A is the sister of B' and
A @ B means 'A is the daughter of B'.
Based on the above information, which of the following means that D is the sister's daughter of R?

Ans
  ✅ 1. D @ U * S - T $ R

  ❌ 2. D * U @ S $ T - R

  ❌ 3. D @ U - S * T $ R

  ❌ 4. D $ U * S - T @ R

Q.59 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.

M
|
@ 4 5 7 j K
|
N

Ans ✗ 1. j K 7 5 4 @

 ✗ 2. K j 7 4 5 @

 ✗ 3. K j 7 5 4 @
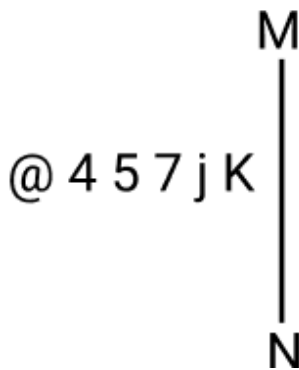
 ✓ 4. K j 7 5 4 @

Q.60 In a certain code language,

'A + B' means 'A is the daughter of B',
'A − B' means 'A is the brother of B',
'A x B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

How is W related to Y if 'W + E − R ÷ T x Y'?

Ans ✗ 1. Wife's mother's brother's daughter

 ✓ 2. Wife's father's brother's daughter

 ✗ 3. Wife's father's brother's wife

 ✗ 4. Wife's mother's brother's wife

Q.61 MJ 18 is related to OF 2 in a certain way. In the same way, NE 11 is related to PA -5. To which of the following is SQ 1 related, following the same logic?

Ans ✗ 1. VM -12

 ✗ 2. VK -14

 ✗ 3. UL -15

 ✓ 4. UM -15

Q.62 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KQR : OTT
SWV : WZX

Ans ✓ 1. ACZ : EFB

 ✗ 2. CZP : FBQ

 ✗ 3. QRL : TTM

 ✗ 4. MBK : OGM

Q.63 Amit starts from Point A and drives 11 km towards North. He then takes a right turn, drives 9 km, turns right and drives 15 km. He then takes a right turn and drives 11 km. He takes a final right turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

Ans ✓ 1. 2 km to the east

 ✗ 2. 3 km to the west

 ✗ 3. 2 km to the west

 ✗ 4. 3 km to the east

Q.64 If 'P' stands for 'x', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+' , what will come in place of the question mark '?' in the following equation?
(32 Q 2) P 4 R 35 S (7 P 3) S 20 R 18 Q 3 =?

Ans
✔ 1. 64
✘ 2. 80
✘ 3. 74
✘ 4. 50

Q.65 Each of P, Q, R, S, T, U and V go to market on a different day of a week starting from Monday and ending on Sunday of the same week.
P goes to market on Wednesday. Exactly two people go to market between P and Q. Exactly three people go to market between Q and S. Exactly two people go to market between R and T. U goes to market on the day immediately after T. V goes to market on one of days after U.
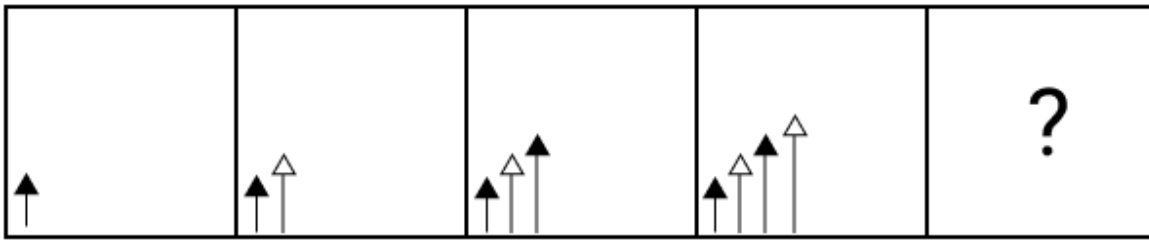Who goes to market on Thursday?

Ans
✔ 1. T
✘ 2. V
✘ 3. S
✘ 4. U

Q.66 In a certain code language, 'BULK' is coded as '5273' and 'KITE' is coded as '4612'. What is the code for 'K' in the given code language?
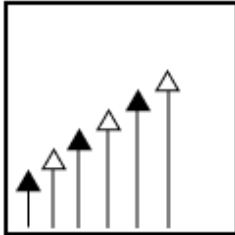
Ans
✘ 1. 4
✔ 2. 2
✘ 3. 3
✘ 4. 6

Q.67 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.
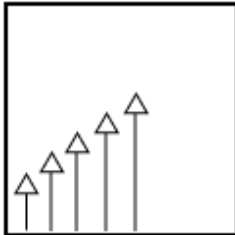

Ans

✗ 1.

✗ 2.

✗ 3.
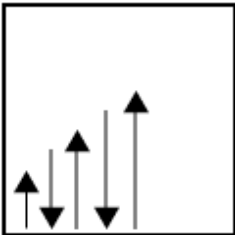
✔ 4.
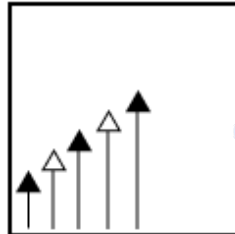
Q.68 Seven people, C, D, E, F, G, H and Z, are sitting in a row facing north. Only three people sit to the left of E. Only four people sit between H and D, neither of whom sits on the left end. C sits immediately to the left of G. Only three people sit between Z and D. How many people sit between F and G?

Ans

✗ 1. Three

✗ 2. Two

✗ 3. One

✔ 4. Four

Q.69 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. QS - NP

✗ 2. JL - GI

✗ 3. XZ - UW

✔ 4. MN - KL

Q.70 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.
Only two people have exam between S and V. U has an exam on Monday. Only P has an exam between U and S. V has an exam on the day immediately before T and the day immediately after R. Q has an exam on the day immediately before R. Who amongst the following has an exam on Saturday?

Ans ✗ 1. R

✔ 2. V

✗ 3. T

✗ 4. P

Q.71 Which of the following Sultans of Delhi adopted the policy of Blood and Iron?

Ans ✗ 1. Mubarak Shah

✗ 2. Shamsuddin Iltutmish

✔ 3. Ghiyasuddin Balban

✗ 4. Alauddin Khalji

Q.72 The Bills of Lading Bill, 2024 was introduced by which of the following ministries in August 2024?

Ans ✗ 1. Ministry Of Home Affairs

✔ 2. Ministry of Ports, Shipping and Waterways

✗ 3. Ministry of Civil Aviation

✗ 4. Ministry of Commerce and Industry

Q.73 In which year was the first Regional Rural Bank established?

Ans ✗ 1. 1982
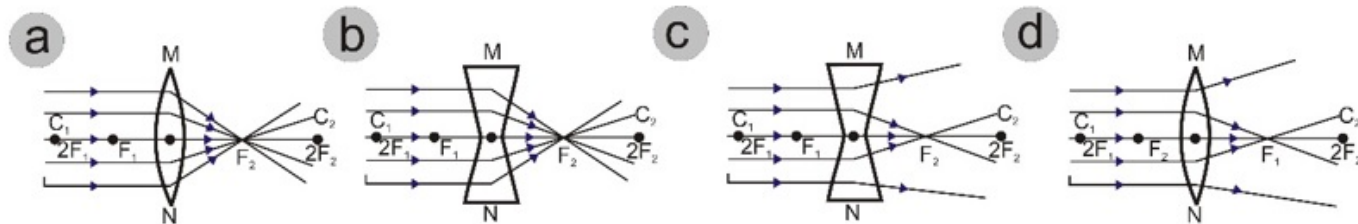
✗ 2. 1991

✔ 3. 1975

✗ 4. 1980

Q.74 The joint Air Force exercise known as 'GARUDA-VII' was held between:

Ans ✗ 1. India and Sudan

✗ 2. India and Malaysia

✔ 3. India and France

✗ 4. India and South Africa

Q.75 In which of the following years was the All India Muslim League founded?

Ans ✗ 1. 1919

✗ 2. 1914

✔ 3. 1906

✗ 4. 1905

Q.76 Which of the following diagrams accurately depicts the properties of convex lenses?

Ans
✔ 1. a

✘ 2. d

✘ 3. c

✘ 4. b

Q.77 What is the term of office of the Chairmen and Members of the National Commission of Scheduled Tribes?

Ans
✔ 1. 03 Years

✘ 2. 06 Years

✘ 3. 5.5 Years

✘ 4. 04 Years

Q.78 A reproductive method in which a single parent is capable of producing offsprings is called _____.

Ans
✘ 1. Sexual Reproduction

✔ 2. Asexual Reproduction

✘ 3. Pollination

✘ 4. Fertilization

Q.79 The fourth state of matter 'PLASMA' is a/an _____.

Ans
✘ 1. neutral gas with fewer electrons

✘ 2. state between liquid and gas

✔ 3. ionised gas with ions and electrons in an almost equal number

✘ 4. ionized gas

Q.80 In April 2023, India's first Laser Interferometer Gravitational Waves Observatory project was approved to be established in which of the following states?

Ans
✘ 1. Rajasthan

✘ 2. Odisha

✘ 3. Uttar Pradesh

✔ 4. Maharashtra

Q.81 With reference to agriculture in India, what is 'Barani'?

Ans
✘ 1. Shifting agriculture

✘ 2. Deity of agriculture

✔ 3. Rainfed farming

✘ 4. Variety of maize

Q.82 The Kayatha Culture of Chalcolithic period in Ancient India belongs to which of the following states of India?

Ans
✘ 1. Punjab

✘ 2. Maharashtra

✘ 3. Rajasthan

✔ 4. Madhya Pradesh

Q.83 Which of the following is involved in the process of privatisation?

Ans
❌ 1. Increasing government control over the enterprise

❌ 2. Nationalising private companies

❌ 3. Abolishing private property rights

✅ 4. Selling shares to the public through an initial public offering (IPO)

Q.84 Which of the following states has the highest sex ratio (females per 1000 males) according to the Census 2011?

Ans
✅ 1. Kerala

❌ 2. Punjab

❌ 3. Himachal Pradesh

❌ 4. Tamilnadu

Q.85 When did HH Dixon give the first detailed description of the cohesion-tension theory explaining the water transport in xylem?

Ans
❌ 1. 1937

✅ 2. 1914

❌ 3. 1982

❌ 4. 1890

Q.86 Which of the following substances produces hydroxide ions when dissolved in water?

Ans
✅ 1. Ammonia

❌ 2. Nitrogen dioxide

❌ 3. Carbon dioxide

❌ 4. Sulphur dioxide

Q.87 The 7th meeting of the UN Committee of Experts on Business and Trade Statistics, organised by the World Trade Organization (WTO) in September 2024, was held at which place?

Ans
✅ 1. Geneva

❌ 2. Budapest

❌ 3. Madrid

❌ 4. Beijing

Q.88 In 1978, the _____ Amendment to the Constitution removed the right to the property from the list of the fundamental rights and converted it into a simple legal right under Article 300A.

Ans
❌ 1. 45th

❌ 2. 42nd

❌ 3. 43rd

✅ 4. 44th

Q.89 Which of the following is NOT a part of the electoral college for the election of the President?

Ans
❌ 1. Elected members of the Rajya Sabha

❌ 2. Elected members of the State Assembly

❌ 3. Elected members of the Lok Sabha

✅ 4. Nominated members of the Rajya Sabha

Q.90 The term 'Pallavi' relates to the first or the second thematic lines of the composition in which of the following music?

Ans
✅ 1. Classical Carnatic music

❌ 2. Classical Hindustani music

❌ 3. Classical Urdu music

❌ 4. Classical Tribal and Folk music

Q.91 Under which Article of the Indian Constitution can a member of the Public Service Commission be removed by the President of India?

Ans ✗ 1. Article 314

✓ 2. Article 317

✗ 3. Article 318

✗ 4. Article 315

Q.92 Who among the following is the author of 'Adipurana'?

Ans ✓ 1. Jinasena

✗ 2. Rishabhdeva

✗ 3. Krishna

✗ 4. Amoghvarsha

Q.93 How many stanzas are there in the poem 'Nandikkalambakam'?

Ans ✓ 1. 80 stanzas

✗ 2. 60 stanzas

✗ 3. 50 stanzas

✗ 4. 70 stanzas

Q.94 What is the major rationale of the Government of India to set up the Agricultural Prices Commission?

Ans ✗ 1. To determine the prices of seeds supplied by the government

✓ 2. To determine the prices of agricultural goods procured from farmers

✗ 3. To determine the prices of agricultural goods sold in the market

✗ 4. To determine the prices of agricultural goods sold by the government

Q.95 State Highways in India primarily link which of the following?

Ans ✗ 1. Rural areas and villages with state capitals

✓ 2. State capitals with different district headquarters

✗ 3. District headquarters with other places of the district

✗ 4. Extreme parts of the country with New Delhi

Q.96 Who wrote the book 'The Discovery of India'?

Ans ✗ 1. Bhagat Singh

✗ 2. Maulana Abul Kalam Azad

✓ 3. Jawaharlal Nehru

✗ 4. Mahatma Gandhi

Q.97 In which year was the 'Bharatiya Sakshya Bill' passed in India?

Ans ✗ 1. 2024

✗ 2. 2022

✓ 3. 2023

✗ 4. 2021

Q.98 Match the Column-I with Column-II and select your answer from the codes mentioned below:

(Column I)	(Column II)
(a) Northeast Trade Winds	i. Hot, dry winds of northern India
(b) Southwest Monsoon Winds	ii. Brings winter rains to the northern plains
(c) Winter Cyclonic Disturbances	iii. Brings moisture-laden winds from the Indian Ocean
(d) Loo	iv. Blows from land to sea during winter

Ans
- ✗ 1. (a) iv (b) ii (c) iii (d) i
- ✓ 2. (a) iv (b) iii (c) ii (d) i
- ✗ 3. (a) i (b) ii (c) iii (d) iv
- ✗ 4. (a) iii (b) iv (c) ii (d) i

Q.99 The Abhinav Bharat Mandir (Young India Society) was founded by _____ and his brother as a secret organisation during the Indian War for Independence.

Ans
- ✗ 1. Damodar Hari Chapekar
- ✗ 2. Sardar Vallabhbhai Patel
- ✓ 3. Vinayak Damodar Savarkar
- ✗ 4. Mahadev Govind Ranade

Q.100 In the context of genetics, what is the primary purpose of pedigree analysis?

Ans
- ✓ 1. To track the inheritance of specific traits across generations within a family
- ✗ 2. To analyse the nutritional requirements of different organisms
- ✗ 3. To study the ecological interactions between species in an environment
- ✗ 4. To measure the physical traits of individuals in a population

Q.101 Which of the following aspects is covered by the Ayushman Sahakar Scheme?

Ans
- ✗ 1. Housing infrastructure
- ✓ 2. Healthcare and Education infrastructure
- ✗ 3. Physical infrastructure
- ✗ 4. Agriculture infrastructure

Q.102 Who among the following Carnatic music composers is known for his compositional contributions in Telugu and Sanskrit languages, particularly in praise of Lord Rama?

Ans
- ✗ 1. Annamacharya
- ✗ 2. Purandara Dasa
- ✗ 3. Muthuswami Dikshitar
- ✓ 4. Tyagaraja

Q.103 Who among the social reformers following founded the Widow Remarriage Association in 1861?

Ans
- ✗ 1. Dadabhai Naoroji
- ✗ 2. Jyotiba Phule
- ✗ 3. Dayanand Saraswati
- ✓ 4. Mahavdev Govind Ranade

Q.104 Which of the following is NOT included in the Fundamental Duties enshrined in the Indian Constitution?

Ans
- ✗ 1. To value and preserve the rich heritage of the country's composite culture
- ✓ 2. To pay taxes
- ✗ 3. To safeguard public property and to abjure violence
- ✗ 4. To cherish and follow the noble ideals that inspired the national struggle for freedom

Q.105 Ritu Negi, who was awarded with the Arjuna Awards for outstanding performance in Sports and Games 2023, is a player related to which of the following games?

Ans ✗ 1. Archery

✗ 2. Boxing

✗ 3. Kho-Kho

✓ 4. Kabaddi

Q.106 Which of the following teams won the Season 10 of Pro Kabaddi League (PKL), concluded in March 2024?

Ans ✓ 1. Puneri Paltan

✗ 2. Jaipur Pink Panthers

✗ 3. Patna Pirates

✗ 4. Haryana Steelers

Q.107 Which of following is NOT a measure to improve agricultural marketing?

Ans ✗ 1. Providing fair price for farmer produce

✓ 2. Manupulation by big traders

✗ 3. Better infrastructural facilities

✗ 4. Regulated markets to protect farmer from malpractice

Q.108 Who among the following Indian won the UN Military Gender Advocate of the Year award in 2023?

Ans ✗ 1. Major Wamika Sen

✗ 2. Major Ananya Sen

✗ 3. Major Monika Sen

✓ 4. Major Radhika Sen

Q.109 Which of the following is the Keynesian approach to the degree of wage and price flexibility in the labour market?

Ans ✗ 1. Wages are flexible but prices are sticky.

✗ 2. Wages and prices are fully flexible.

✓ 3. Wages and prices are sticky.

✗ 4. Wages are sticky but prices are flexible.

Q.110 The fourth Quad Leaders' Summit of September 2024 was held at which place in the United States?

Ans ✗ 1. New York

✗ 2. Chicago

✓ 3. Wilmington

✗ 4. Dallas

Q.111 In March 2023, India rejected Johnson and Johnson's attempt to extend its monopoly on the manufacturing of which TB drug, invoking Section 3(d) of the Indian Patent Law?

Ans ✗ 1. Rifampin

✗ 2. Ethambutol

✓ 3. Bedaquiline

✗ 4. Isoniazid

Q.112 Which Indian government scheme is specifically aimed at providing at least 100 days of guaranteed wage employment to rural households?

Ans ✗ 1. Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

✗ 2. Pradhan Mantri Rozgar Protsahan Yojana (PMRPY)

✓ 3. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)

✗ 4. National Rural Livelihood Mission (NRLM)

Q.113 Where in India is the 'Basilica of Bom Jesus' building located?

Ans
- ✅ 1. Goa
- ❌ 2. Ranchi
- ❌ 3. Mumbai
- ❌ 4. Delhi

Q.114 Which of the following is the general trend of rainfall distribution across the northern plains of India?

Ans
- ✅ 1. It decreases from east to west.
- ❌ 2. It is a uniform distribution across the region.
- ❌ 3. It increases from east to west.
- ❌ 4. It decreases from west to east.

Q.115 In which of the following years has Dinesh Goswami committee been formed for Electoral Reforms?

Ans
- ❌ 1. 1998
- ❌ 2. 2005
- ✅ 3. 1990
- ❌ 4. 2000

Q.116 Neeraja Prabhakar was nominated Chairperson of the Research Advisory Committee (RAC) of _____ in 2023.

Ans
- ✅ 1. ICAR-Indian Institute of Oil Palm Research (IIOPR), Pedavegi
- ❌ 2. ICAR-Central Avian Research Institute, Izatnagar
- ❌ 3. ICAR-National Dairy Research Institute, Karnal
- ❌ 4. ICAR-Central Institute of Research on Cotton Technology, Mumbai

Q.117 Which of the following union territories has the highest literacy rate among males in India according to Census 2011?

Ans
- ✅ 1. Lakshadweep
- ❌ 2. Andaman and Nicobar Islands
- ❌ 3. Delhi
- ❌ 4. Puducherry

Q.118 Which of the following river systems in Rajasthan is the most extensive and transient with its source near Pushkar, splitting into two streams known as 'Saraswati' and 'Sabarmati'?

Ans
- ✅ 1. Luni River
- ❌ 2. Godavari River
- ❌ 3. Yamuna River
- ❌ 4. Tapti River

Q.119 Who among the following introduced the Boilers Bill, 2024 in Rajya Sabha in August 2024?

Ans
- ❌ 1. Union Minister for Tribal Affairs
- ✅ 2. Union Minister for Commerce and Industry
- ❌ 3. Union Minister for Minority Affairs
- ❌ 4. Union Minister for Finance

Q.120 In which of the following cases was 'the basic structure doctrine' recognised for the first time?

Ans
- ❌ 1. Berubari Union case
- ❌ 2. LIC of India case
- ❌ 3. Kumar Padma Prasad case
- ✅ 4. Kesavananda Bharti case