



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन आर पी एफ - ०१/२०२४ - CEN RPF - 01/2024



Test Date	02/12/2024
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 The price (per litre) of petrol increases by 75%. By what percent should its consumption be reduced such that the expenditure on it increases by 33% only?

- Ans
- ☒ 1. 70%
 - ☒ 2. 82%
 - ☒ 3. 76%
 - ☒ 4. 75%

Q.2 Which of the following ratio is smallest?

- Ans
- ☒ 1. 11 : 60
 - ☒ 2. 29 : 42
 - ☒ 3. 17 : 33
 - ☒ 4. 19 : 36

Q.3 The selling price of 16 books is equal to the cost price of 12 books. Find the loss or gain percentage.

- Ans
- ☒ 1. 25 % loss
 - ☒ 2. $\frac{100}{3}$ % loss
 - ☒ 3. $\frac{100}{3}$ % gain
 - ☒ 4. 25 % gain

Q.4 Two trains of equal length are running on parallel lines in the same direction at speeds of 51 km/h and 42 km/h. The faster train passes the slower train in 16 seconds. The length of each train is:

- Ans
- ☒ 1. 19 meters
 - ☒ 2. 20 meters
 - ☒ 3. 30 meters
 - ☒ 4. 33 meters

Q.5 Lalit's average earning per month in the first three months of a year was ₹22272. In April, his earning was 75% more than the average earning in the first three months. If his average earning per month for the whole year is ₹84460, then what will be Lalit's average earning (in ₹) per month from May to December?

- Ans**
- ☐ 1. 113463
 - ☒ 2. 113466
 - ☐ 3. 113470
 - ☐ 4. 113471

Q.6 A number when increased by 50 %, gives 3720. The number is:

- Ans**
- ☐ 1. 1240
 - ☒ 2. 2480
 - ☐ 3. 4960
 - ☐ 4. 7440

Q.7 What will be difference in population 3 years ago and 2 years ago of a town, whose current population is 180000 and which is increasing at a rate of 25% every year?

- Ans**
- ☐ 1. 22490
 - ☒ 2. 23040
 - ☐ 3. 23390
 - ☐ 4. 22290

Q.8 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 6% per annum is ₹78. Find the sum. [Give your answer to integral number without rounded off.]

- Ans**
- ☐ 1. ₹21652
 - ☒ 2. ₹21666
 - ☐ 3. ₹21672
 - ☐ 4. ₹21682

Q.9 The value of

$$\frac{1}{7} + \frac{2}{7} + \frac{5}{14} + \frac{4}{7} - 3 =$$

- Ans**
- ☒ 1. $-\frac{23}{14}$
 - ☐ 2. $-\frac{32}{14}$
 - ☐ 3. $-\frac{13}{14}$
 - ☐ 4. $-\frac{27}{14}$

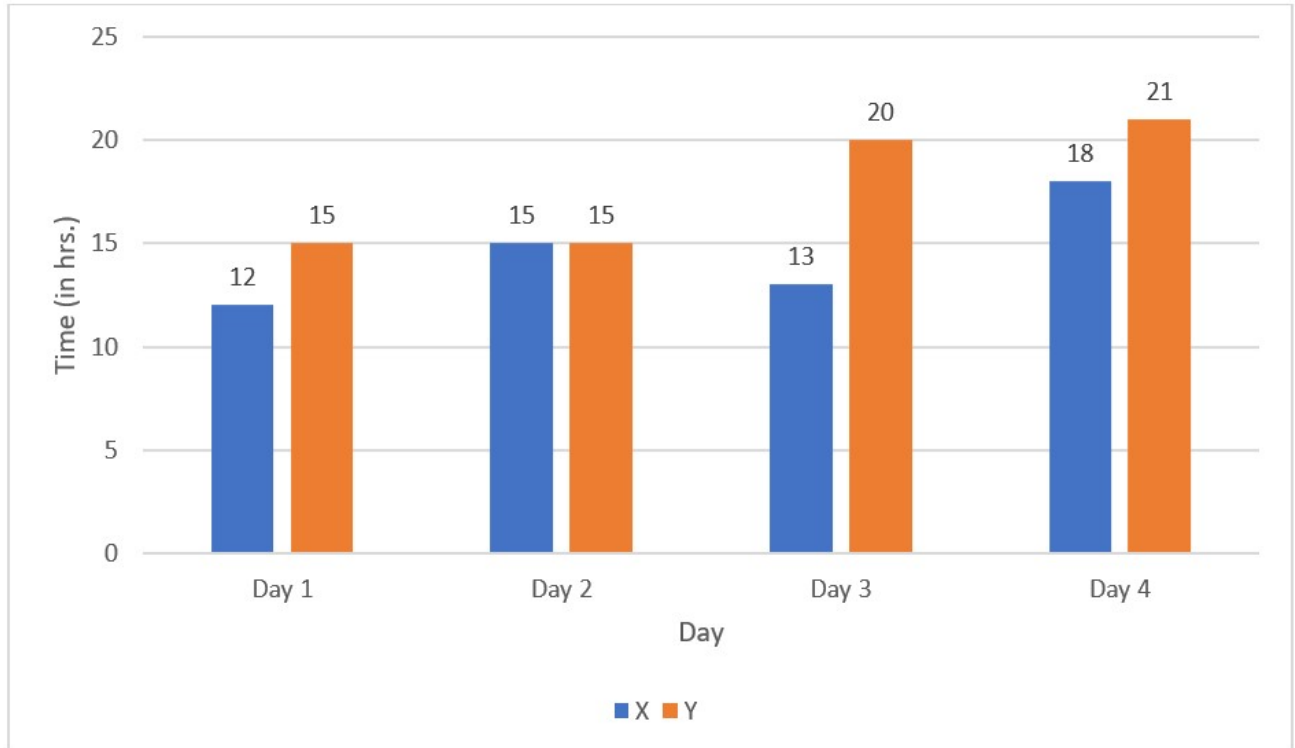
Q.10 Find the value of $\left[(35 \div 5) \times \left\{ \frac{12}{6} + \frac{25}{2} \times (9 - 7) \right\} \right]$

- Ans**
- ☐ 1. 170
 - ☐ 2. 172
 - ☐ 3. 174
 - ☒ 4. 189

Q.11 A solid hemisphere of iron is melted and recast into the shape of a right circular cylinder with a diameter of 9 cm and a height of 42 cm. Find the volume of the cylinder. (Use $\pi = 22/7$)

- Ans
- ☒ 1. 2673 cm³
 - ☐ 2. 668 cm³
 - ☐ 3. 3564 cm³
 - ☐ 4. 891 cm³

Q.12 Time taken (in hrs) by two trains X and Y to travel the distance from Lucknow to Chandigarh via the same route on four different days is given in the following bar graph. Study the graph carefully and answer the question given below:



If the distance between Lucknow and Chandigarh is 754 km, then what is the difference between the average speed (in km/hr) of the trains X and Y on Day 3?

- Ans
- ☐ 1. 15.8
 - ☐ 2. 18.5
 - ☒ 3. 20.3
 - ☐ 4. 23.5

Q.13 Find the value of $\left[(32 \div 8) \times \left\{ \frac{15}{5} + \frac{30}{5} \times (7 - 2) \right\} \right]$

- Ans
- ☐ 1. 116
 - ☒ 2. 132
 - ☐ 3. 149
 - ☐ 4. 143

Q.14 The average price of three items of furniture is Rs 15915. If their prices are in the ratio 3:5:7, the price of the costliest item (in Rs) is

- Ans
- ☐ 1. 15915
 - ☒ 2. 22281
 - ☐ 3. 9549
 - ☐ 4. 7427

Q.15 Ketan sold 171 chairs and had a gain equal to the selling price of 95 chairs. What is his profit percentage?

- Ans
- ☐ 1. 120%
 - ☐ 2. 135%
 - ☐ 3. 130%
 - ☒ 4. 125%

Q.16 Given that $40^{0.11} = x$, $40^{0.1} = y$ and $x^z = y^2$, then the value of z is close to:

- Ans
- ☐ 1. 1.16
 - ☒ 2. 1.82
 - ☐ 3. 2.72
 - ☐ 4. 0.09

Q.17 Express the following as a vulgar fraction.

$$0.\overline{54} + 0.\overline{23}$$

- Ans
- ☐ 1. $\frac{771}{99}$
 - ☐ 2. $\frac{771}{900}$
 - ☐ 3. $\frac{771}{999}$
 - ☒ 4. $\frac{771}{990}$

Q.18 Manav's average earning per month in the first three months of a year was ₹76096. In April, his earning was 75% more than the average earning in the first three months. If his average earning per month for the whole year is ₹94660, then what will be Manav's average earning (in ₹) per month from May to December?

- Ans
- ☐ 1. 96813
 - ☐ 2. 96804
 - ☒ 3. 96808
 - ☐ 4. 96803

Q.19 LCM and HCF of two numbers are 114 and 19 respectively. If one of the numbers is 57, then find the other number.

- Ans
- ☒ 1. 38
 - ☐ 2. 40
 - ☐ 3. 35
 - ☐ 4. 36

Q.20 The list price of a washing machine is ₹41000. It is sold to a retailer after two successive discounts of 12% and 30%. The retailer wants to earn a profit of 25% on its cost price after allowing a 50% discount (on its new list price) to the customer. At what price should he list the washing machine?

- Ans
- ☒ 1. ₹63140
 - ☐ 2. ₹63076
 - ☐ 3. ₹62956
 - ☐ 4. ₹62967

Q.21 The average of 7 numbers is 53. If each number is increased by 6, what will the new average be?

- Ans
- ☐ 1. 53
 - ☐ 2. 7
 - ☐ 3. 65
 - ☒ 4. 59

Q.22 If the sum of the n observations is 160 and their average is 40, find the value of $7n + 15$.

- Ans
- ☐ 1. 41
 - ☐ 2. 47
 - ☒ 3. 43
 - ☐ 4. 45

Q.23 Which of the following fractions is the largest?

$$\frac{2}{3}, \frac{9}{87}, \frac{20}{21}, \frac{45}{66}$$

- Ans
- ☒ 1. $\frac{20}{21}$
 - ☐ 2. $\frac{45}{66}$
 - ☐ 3. $\frac{9}{87}$
 - ☐ 4. $\frac{2}{3}$

Q.24 A sum, when invested at 20% simple interest per annum, amounts to ₹2400 after 3 years. What is the simple interest (in ₹) on the same sum at the same rate in 2 year?

- Ans
- ☐ 1. 2400
 - ☐ 2. 300
 - ☐ 3. 1200
 - ☒ 4. 600

Q.25 Find the volume (in cm^3) of a cylinder that circumscribes a sphere with a radius of 2.8 cm. (Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 137.984
 - ☐ 2. 142.984
 - ☐ 3. 140.984
 - ☐ 4. 145.984

Q.26 Sharad completes his journey in 8 hours. He covers half the distance at 90 km/h and the rest at 30 km/h. What is the length of the journey (in Km)?

- Ans
- ☐ 1. 359
 - ☒ 2. 360
 - ☐ 3. 354
 - ☐ 4. 356

Q.27 During sale, Raghav bought a notebook marked for ₹70 at 40% discount and a pen marked for ₹20 at 35% discount. How much (in ₹) did he save due to sale?

- Ans
- ☐ 1. 38
 - ☐ 2. 34
 - ☒ 3. 35
 - ☐ 4. 32

Q.28 If a 1136 m long train crosses a pole in 71 seconds, then find the time (in seconds) taken by the train to cross a 656 m long platform.

- Ans**
- ☒ 1. 112
 - ☐ 2. 110
 - ☐ 3. 118
 - ☐ 4. 120

Q.29 The HCF and the LCM of two numbers are 57 and 114, respectively. If one of the numbers is $\frac{9}{2}$ times of the other, what is the larger number?

- Ans**
- ☐ 1. 124
 - ☐ 2. 186
 - ☐ 3. 154
 - ☒ 4. 171

Q.30 Rahul covers 734 km in a boat in 30 hours against the stream and he takes 12 hours with the stream then find the speed of the stream?

- Ans**
- ☒ 1. 18.35 km/h
 - ☐ 2. 11.88 km/h
 - ☐ 3. 19.07 km/h
 - ☐ 4. 28.44 km/h

Q.31 If third proportional of 76 and 38 be x, then what is the value of x?

- Ans**
- ☐ 1. 16
 - ☐ 2. 17
 - ☒ 3. 19
 - ☐ 4. 22

Q.32 If x varies inversely as $y^3 - 1$ and is equal to 6 when $y = 3$, find x when $y = 8$.

- Ans**
- ☐ 1. $\frac{156}{512}$
 - ☐ 2. $\frac{157}{512}$
 - ☒ 3. $\frac{156}{511}$
 - ☐ 4. $\frac{158}{511}$

Q.33 The diameter of the base of a solid cone is 24 cm and its height is 21 cm. It is cut into three parts by two cuts which are parallel to its base. The cuts are at the height of 7 cm and 14 cm from the base, respectively. Find the curved surface area (in cm^2) of the top part. (use $\pi = 3.14$)

- Ans**
- ☐ 1. $14.65\sqrt{15}$
 - ☐ 2. $15.46\sqrt{10}$
 - ☐ 3. $12.56\sqrt{30}$
 - ☒ 4. $12.56\sqrt{65}$

Q.34 Evaluate 147^2

- Ans**
- ☐ 1. 21629
 - ☐ 2. 21639
 - ☐ 3. 21669
 - ☒ 4. 21609

Q.35 The smallest 1-digit number to be added to the 6-digit number 910300 so that it is completely divisible by 11 is:

- Ans**
- ☐ 1. 6
 - ☐ 2. 2
 - ☐ 3. 9
 - ☒ 4. 5

Section : General Intelligence and Reasoning

Q.36 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. WN - RU
 - ☒ 2. NE - IK
 - ☐ 3. TK - OR
 - ☐ 4. QH - LO

Q.37 Select the pair that follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.
WKA : ULZ
SMY : QNX

- Ans**
- ☒ 1. OOW : MPV
 - ☐ 2. DTU : BQW
 - ☐ 3. XQN : VSM
 - ☐ 4. NTS : KVQ

Q.38 In a certain code language, 'PAGE' is coded as '6123' and 'GAPS' is coded as '3761'. What is the code for 'S' in that language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☐ 3. 6
 - ☒ 4. 7

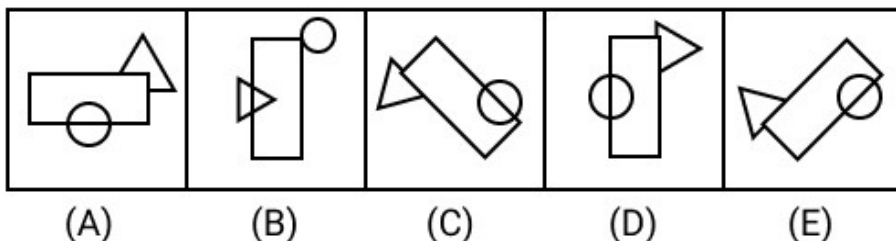
Q.39 In a certain code language, 'OWES' is coded as '5172' and 'NEWS' is coded as '4521'. What is the code for 'N' in that language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 2
 - ☐ 3. 1
 - ☒ 4. 4

Q.40 LPHK is related to NRJM in a certain way based on the English alphabetical order. In the same way, OSKN is related to QUMP. To which of the following is RVNQ related, following the same logic?

- Ans**
- ☐ 1. XTPS
 - ☐ 2. XTSP
 - ☒ 3. TXPS
 - ☐ 4. TXSP

Q.41 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?



- Ans ☒ 1. D
☒ 2. B
☒ 3. A
☒ 4. C

Q.42 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2586473, which of the following digits will be third from the left in the new number thus formed?

- Ans ☒ 1. 7
☒ 2. 5
☒ 3. 9
☒ 4. 1

Q.43 Ijk ranked 89th from the bottom and 19th from the top in his class. How many students are there in his class?

- Ans ☒ 1. 107
☒ 2. 121
☒ 3. 111
☒ 4. 99

Q.44 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

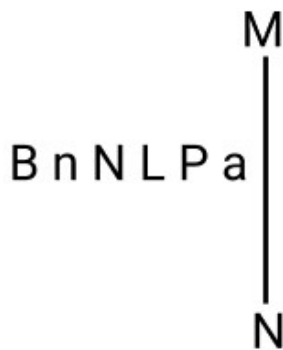
HIF KLI NOL QRO ?

- Ans ☒ 1. TUR
☒ 2. TUS
☒ 3. SVR
☒ 4. TVS

Q.45 F, G, H, I, J and Q 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. No one lives below J. Only two people live between J and G. Only I lives above Q. H lives on an even numbered floor. How many people live between F and Q?

- Ans ☒ 1. Two
☒ 2. Three
☒ 3. One
☒ 4. Four

Q.46 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown.



- Ans
- ☒ 1. P a L N n B
 - ☒ 2. a P L N n B
 - ☒ 3. a P L n N B
 - ☒ 4. a P L N B n

Q.47 Rayan starts from Point A and drives 13 km towards East. He then takes a left turn, drives 5 km, turns left and drives 15 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degree turns only unless specified.)

- Ans
- ☒ 1. 6 km to the South
 - ☒ 2. 5 km to the South
 - ☒ 3. 6 km to the North
 - ☒ 4. 5 km to the North

Q.48 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?

JZI 3 LVL 9 ? PNR 81 RJU 243

- Ans
- ☒ 1. NGR 17
 - ☒ 2. MPO 15
 - ☒ 3. BYR 21
 - ☒ 4. NRO 27

Q.49 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) D R & F 1 7 Q * 9 E D 4 W W % I 6 L 3 * € \$ (Right)

If all the numbers are dropped from the series, which of the following will be fourth from the left?

- Ans
- ☒ 1. *
 - ☒ 2. F
 - ☒ 3. Q
 - ☒ 4. E

Q.50 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7123546, what will be sum of the highest and lowest digits in the new number thus formed?

- Ans
- ☒ 1. 6
 - ☒ 2. 7
 - ☒ 3. 8
 - ☒ 4. 9

Q.51 Gagan starts from point A and drives 13 km towards East. He then takes a right turn, drives 15 km, turns right and drives 17 km. He then takes a right turn and drives 16 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 degrees turns only unless specified.)

- Ans**
- ☐ 1. 3 km to the South
 - ☐ 2. 4 km to the South
 - ☒ 3. 1 km to the South
 - ☐ 4. 2 km to the South

Q.52 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ 1. NQT
 - ☐ 2. VXB
 - ☐ 3. ZBF
 - ☐ 4. SUY

Q.53 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) G E * S D Y # 3 R 6 K & 5 4 @ C & T % 7 2 (Right)

How many such letters are there which are immediately preceded by a number and also immediately followed by a symbol?

- Ans**
- ☐ 1. 3
 - ☐ 2. 0
 - ☐ 3. 2
 - ☒ 4. 1

Q.54 In a certain code language, 'DOES' is coded as '2649' and 'PAID' is coded as '1365'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 5
 - ☒ 3. 6
 - ☐ 4. 2

Q.55 G, H, I, J, K, L and O are sitting around a circular table facing the centre of the table. L sits third to the left of G. H sits second to the left of O. Only G sits between J and H. K is not an immediate neighbour of L. How many people sit between I and K, when counted from the right of I?

- Ans**
- ☐ 1. Two
 - ☐ 2. One
 - ☒ 3. Three
 - ☐ 4. Four

Q.56 What will come in the place of the question mark (?) in the following equation, if 'x' and '+' are interchanged and '-' and '÷' are interchanged?

$$44 \div 9 \times 32 - 8 + 4 = ?$$

- Ans**
- ☐ 1. 52
 - ☐ 2. 54
 - ☒ 3. 51
 - ☐ 4. 53

Q.57 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.)

79 - 71 - 65 - 61

84 - 76 - 70 - 66

- Ans**
- ☐ 1. 70 - 62 - 54 - 50
 - ☐ 2. 99 - 92 - 86 - 81
 - ☐ 3. 64 - 56 - 40 - 36
 - ☒ 4. 93 - 85 - 79 - 75

Q.58 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 oranges are apples.

All apples are kiwis.

Some apples are grapes.

Conclusions:

(I): Some kiwis are grapes.

(II): Some oranges are grapes.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Neither conclusion I nor II follows
 - ☐ 3. Both conclusions I and II follow
 - ☒ 4. Only conclusion I follows

Q.59 A \$ B means 'A is the sister of B',
A @ B means 'A is the daughter of B',
A * B means 'A is the father of B' and
A - B means 'A is the son of B'.
Based on the above information, which of the following means that D is the daughter's husband of M?

- Ans**
- ☒ 1. D * R @ E \$ A - M
 - ☐ 2. D \$ R * E - A @ M
 - ☐ 3. D @ R - E \$ A * M
 - ☐ 4. D \$ R - E * A @ M

Q.60 Select the numbers from among the given options that can replace the question marks (?) in the following series.

213 216 221 228 237 ? 261 ?

- Ans**
- ☒ 1. 248, 276
 - ☐ 2. 259, 286
 - ☐ 3. 247, 275
 - ☐ 4. 246, 277

Q.61 Each vowel in the word ICTERID 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 letters will appear exactly twice in the group of letters thus formed?

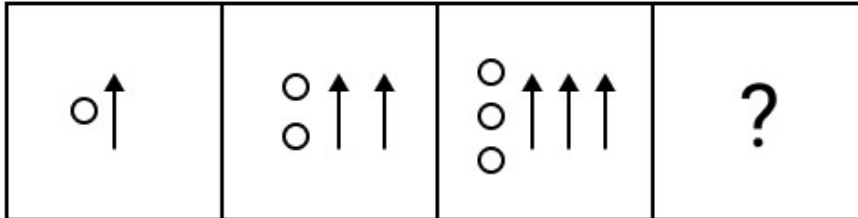
- Ans**
- ☐ 1. 2
 - ☒ 2. 1
 - ☐ 3. 3
 - ☐ 4. 0

Q.62 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which 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. DG-IL
 - ☒ 2. CE-HK
 - ☒ 3. BE-GJ
 - ☒ 4. AD-FI

Q.63 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.64 This question is based on the five, three-digit numbers given below.
(Left) 589 365 451 749 159 (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 ascending order, the position of how many numbers will remain unchanged?

- Ans
- ☒ 1. One
 - ☒ 2. Four
 - ☒ 3. Three
 - ☒ 4. Two

Q.65 FUND is related to KSSB in a certain way based on the English alphabetical order. In the same way, PQXZ is related to UOCX. To which of the given options is ZMHV related to, following the same logic?

- Ans**
- ☐ 1. GJMU
 - ☐ 2. FLNT
 - ☒ 3. EKMT
 - ☐ 4. DKLS

Q.66 In a certain code language, 'PALS' is coded as '1245' and 'LAMS' is coded as '5123'. What is the code for 'M' in the given code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 1

Q.67 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.)

(30, 49, 19)
(37, 39, 2)

- Ans**
- ☒ 1. (7, 29, 22)
 - ☐ 2. (37, 58, 18)
 - ☐ 3. (17, 32, 12)
 - ☐ 4. (18, 42, 21)

Q.68 Seven people, R, S, T, U, V, W and Y, are sitting around a circular table facing the centre of the table. W sits to the immediate left of R. U sits to the immediate left of T. S sits second to the right of T. R sits third to the right of V. Who sits second to the right of Y?

- Ans**
- ☐ 1. U
 - ☐ 2. S
 - ☒ 3. W
 - ☐ 4. T

Q.69 Six people, named W, X, Y, Z, T and U, each are of different ages. The age of Y is 30. The age of T is five times the age of Z. The age of W is half the age of X. The age of Z is one-fourth the age of W. The age of Y is two times the age of T. If the age of X is half the age of U, what is the age of U?

- Ans**
- ☐ 1. 35
 - ☐ 2. 45
 - ☐ 3. 38
 - ☒ 4. 48

Q.70 S is the brother of D. D is the father of F. F is the mother of G. G is the wife of H. How is S related to H?

- Ans**
- ☐ 1. Wife's mother's mother's father
 - ☒ 2. Wife's mother's father's brother
 - ☐ 3. Wife's mother's father's father
 - ☐ 4. Wife's mother's mother's brother

Section : General Awareness

Q.71 Who among the following was the founder of Indian Space Research Organisation (ISRO)?

- Ans**
- ☒ 1. Vikram Sarabhai
 - ☐ 2. Satish Dhawan
 - ☐ 3. Dr Homi J Bhabha
 - ☐ 4. Dr APJ Abdul Kalam

Q.72 According to the Indian Meteorological Department (IMD), which season can be observed from October to December?

- Ans**
- ☐ 1. Pre-monsoon
 - ☒ 2. Post-monsoon
 - ☐ 3. Winter
 - ☐ 4. Monsoon

Q.73 Which of the following species of catfish was first discovered in the state of Arunachal Pradesh in March 2023?

- Ans**
- ☐ 1. *Exostoma sentiyonoae*
 - ☐ 2. *Amblyceps laticeps*
 - ☒ 3. *Exostoma dhritiae*
 - ☐ 4. *Glyptothorax punyabratai*

Q.74 Asif Ali Zardari, who took oath as Pakistan's 14th President in March 2024, replaced who among the following?

- Ans**
- ☐ 1. Shehbaz Sharif
 - ☐ 2. Mamnoon Hussain
 - ☒ 3. Arif Alvi
 - ☐ 4. Shahid Khaqan Abbasi

Q.75 Which of the following NABARD subsidiaries sets an objective to provide credit facilities to individuals and other legal entities?

- Ans**
- ☒ 1. NABSAMRUDDHI
 - ☐ 2. NABCONS
 - ☐ 3. NABFOUNDATION
 - ☐ 4. NABVENTURE

Q.76 Which of the following data sources is used for estimating extreme poverty in India?

- Ans**
- ☒ 1. Household Consumer Expenditure Surveys
 - ☐ 2. National Census data
 - ☐ 3. Agricultural production data
 - ☐ 4. National Income data

Q.77 Which of the following is NOT a symptom of Salmonella infection?

- Ans**
- ☒ 1. Vomiting
 - ☐ 2. Fever
 - ☐ 3. Diarrhoea
 - ☐ 4. Abdominal cramps

Q.78 Which of the following statements is true about the Animal Birth Control Rules, 2023, notified by the Central Government in April 2023?

- Ans**
- ☐ 1. State governments can choose any government veterinary hospital to implement the Animal Birth Control programme.
 - ☒ 2. Local bodies are allowed to conduct the Animal Birth Control Programme but only through the Animal Welfare Board of India recognised organisations.
 - ☐ 3. State governments are allowed to formulate guidelines on how to deal with human and stray dog conflicts.
 - ☐ 4. Only the state governments are allowed to carry Animal Birth Control.

Q.79 In February 2024, the Cabinet approved the amendment in the Foreign Direct Investment (FDI) policy on Space Sector. According to it, in which of the following sub-sectors 100% FDI through automatic route has been allowed?

- Ans**
- ☐ 1. Satellite manufacturing
 - ☒ 2. Manufacturing components and subsystems for satellites
 - ☐ 3. Launch vehicle and systems / sub-systems
 - ☐ 4. Satellite products

Q.80 In which of the following types of forests are the spotted deer found?

- Ans**
- ☐ 1. Mangrove Forests
 - ☒ 2. Montane Forests
 - ☐ 3. Deciduous Forests
 - ☐ 4. Thorn Forests

Q.81 The provision of 'Impeachment of President' in the Indian Constitution is borrowed from the Constitution of _____.

- Ans**
- ☐ 1. Canada
 - ☐ 2. Britain
 - ☒ 3. United States of America
 - ☐ 4. French

Q.82 Manu Bhaker and Sarabjot Singh, the first Indian shooting pair to win an Olympic medal in shooting at Paris 2024, defeated players of which country to win the bronze medal?

- Ans**
- ☐ 1. Malaysia
 - ☐ 2. Japan
 - ☐ 3. Singapore
 - ☒ 4. South Korea

Q.83 Which of the following Articles of the Indian Constitution states that all minorities, whether based on religion or language, shall have the right to establish and administer educational institutions of their choice?

- Ans**
- ☐ 1. Article 31
 - ☐ 2. Article 28
 - ☒ 3. Article 30
 - ☐ 4. Article 29

Q.84 'Ichthyophis beddomei', a worm-like amphibian that can swim, belongs to which genus?

- Ans**
- ☐ 1. Long hind limbs amphibia
 - ☐ 2. Short limbs amphibia
 - ☒ 3. Limbless amphibia
 - ☐ 4. Reduced forelimbs amphibia

Q.85 Who among the following was the leader of the Wahabi movement in India?

- Ans**
- ☐ 1. Shah Waliullah
 - ☒ 2. Syed Ahmed Bareilvi
 - ☐ 3. Sir Syed Ahmed Khan
 - ☐ 4. Jamal Ahmad Khan

Q.86 _____ is a kind of quantitative and qualitative process of change which cannot be measured.

- Ans**
- ☒ 1. Evolution
 - ☐ 2. Growth
 - ☐ 3. Development
 - ☐ 4. Progress

Q.87 Which of the following statements is/are true about Iltutmish?
1 He was married to the daughter of Qutb-ud-din Aibak.
2 He was the Governor of Lahore.
3 He nominated his daughter as his successor.

- Ans**
- ☐ 1. Only 1 and 2
 - ☐ 2. Only 2 and 3
 - ☐ 3. All 1, 2 and 3
 - ☒ 4. Only 1 and 3

Q.88 Which of the following was the correct ascending order of administration units of the Rashtrakuta dynasty?

- Ans**
- ☐ 1. Bhukti > Rashtra > Vishaya
 - ☒ 2. Bhukti > Vishaya > Rashtra
 - ☐ 3. Gana > Bhukti > Desha
 - ☐ 4. Vishaya > Bhukti > Rashtra

Q.89 According to the Census 2011, which of the following union territories of India has the least population density?

- Ans**
- ☒ 1. Andaman and Nicobar islands
 - ☐ 2. Lakshadweep
 - ☐ 3. Puducherry
 - ☐ 4. Chandigarh

Q.90 If you were to advise a state in India to start sesame cultivation as a rabi crop, the state will be from which of the following regions of India?

- Ans**
- ☒ 1. Southern India
 - ☐ 2. Western India
 - ☐ 3. Eastern India
 - ☐ 4. Northern India

Q.91 The laws of inheritance form the foundation of classical genetics. Who among the following first described the laws of inheritance?

- Ans**
- ☒ 1. Gregor Mendel
 - ☐ 2. Dmitri Mendeleev
 - ☐ 3. Alfred Russel Wallace
 - ☐ 4. Charles Darwin

Q.92 Which of the following Articles of the Indian Constitution is related to Comptroller and Auditor General (CAG)?

- Ans**
- ☐ 1. Article 130
 - ☒ 2. Article 148
 - ☐ 3. Article 140
 - ☐ 4. Article 135

Q.93 Which of the following articles deals with language to be used in the Parliament?

- Ans**
- ☐ 1. 118
 - ☒ 2. 120
 - ☐ 3. 119
 - ☐ 4. 121

Q.94 Which of the following Indian musicologists is recognised for his role in organising and codifying Hindustani classical music, thereby laying the groundwork for modern education of India's musical heritage?

- Ans**
- ☐ 1. Pandit Vishnu Digambar Paluskar
 - ☐ 2. Baba Allauddin Khan
 - ☐ 3. Ustad Abdul Karim Khan
 - ☒ 4. Pandit Vishnu Narayan Bhatkhande

Q.95 An ant bite is acidic in nature. Which acid is present in ant bites?

- Ans**
- ☐ 1. Lactic acid
 - ☐ 2. Oxalic acid
 - ☒ 3. Formic acid
 - ☐ 4. Acetic acid

Q.96 According to the Census of India 2011, which of the following groups of states recorded a population of more than 30 crore?

- Ans**
- ☐ 1. Maharashtra and West Bengal
 - ☒ 2. Uttar Pradesh and Maharashtra
 - ☐ 3. Bihar and Rajasthan
 - ☐ 4. Uttar Pradesh and Madhya Pradesh

Q.97 Who among the following was the first-ever Supreme Court Justice against whom a motion for removal was initiated?

- Ans**
- ☒ 1. Hon'ble Mr. Justice Ramaswamy
 - ☐ 2. Hon'ble Justice Shanti Sarup Dewan
 - ☐ 3. Hon'ble Mr. Justice Jitendra Vir Gupta
 - ☐ 4. Hon'ble Mr. Justice M.M. Punchhi

Q.98 Who among the following wrote the book, 'The White Tiger'?

- Ans**
- ☐ 1. Arundhati Roy
 - ☐ 2. Chitra Divakaruni
 - ☐ 3. Rajiv Malhotra
 - ☒ 4. Aravind Adiga

Q.99 Who among the following muslim leaders first propounded the theory of 'Two nations'?

- Ans**
- ☐ 1. Rahmat Ali Chaudhary
 - ☒ 2. Mohammad Iqbal
 - ☐ 3. Liaqat Ali
 - ☐ 4. Muhammad Ali Jinnah

Q.100 Which of the following is the most appropriate definition of Newton's second law?

- Ans**
- ☐ 1. The force needed to extend or compress a spring by some distance is proportional to that distance.
 - ☐ 2. Whenever one object exerts a force on a second object, the second object exerts an equal and opposite force on the first.
 - ☒ 3. The acceleration of an object depends on the mass of the object and the amount of force applied.
 - ☐ 4. An object at rest remains at rest, and an object in motion remains in motion at constant speed and in a straight line unless acted on by an unbalanced force.

Q.101 Who among the following is known for his contribution to the foundation of the Jaipur-Atrauli gharana, particularly in the realm of tabla playing?

- Ans**
- ☐ 1. Pandit Kishan Maharaj
 - ☒ 2. Ustad Alladiya Khan
 - ☐ 3. Ustad Zakir Hussain
 - ☐ 4. Pandit Anindo Chatterjee

Q.102 Which of the following programmes aims to improve the food and nutritional status of people experiencing poverty?

- Ans**
- ☒ 1. Public Distribution System
 - ☐ 2. Pradhan Mantri Kaushal Kendras
 - ☐ 3. Craftsmen Training Scheme
 - ☐ 4. Skill Loan Scheme

Q.103 Arrange the following rulers of the Slave dynasty in the chronological order.

- Ans**
- ☒ 1. Ruknuddin Firozshah < Bahramshah < Alauddin Masood Shah < Naseeruddin Mahmood
 - ☐ 2. Naseeruddin Mahmood < Bahramshah < Ruknuddin Firozshah < Alauddin Masood Shah
 - ☐ 3. Bahramshah < Ruknuddin Firozshah < Naseeruddin Mahmood < Alauddin Masood Shah
 - ☐ 4. Bahramshah < Alauddin Masood Shah < Naseeruddin Mahmood < Ruknuddin Firozshah

Q.104 The Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi) Scheme for micro-credit completed how many years in June 2023?

- Ans**
- ☐ 1. 2 years
 - ☐ 2. 1 year
 - ☒ 3. 3 years
 - ☐ 4. 4 years

Q.105 Images those are formed on a screen is termed as:

- Ans**
- ☐ 1. imaginary
 - ☐ 2. virtual
 - ☒ 3. real
 - ☐ 4. real in some cases

Q.106 Which of the following is the main measure used to evaluate a nation's economic health?

- Ans**
- ☐ 1. Net Factor Income from Abroad (NFI)
 - ☒ 2. Gross Domestic Product (GDP)
 - ☐ 3. Gross National Product (GNP)
 - ☐ 4. National Income

Q.107 Who has become the first woman sniper of the Border Security Force (BSF) in 2024?

- Ans**
- ☐ 1. Sunita Sharma
 - ☐ 2. Poonam Yadav
 - ☐ 3. Anjali Singh
 - ☒ 4. Suman Kumari

Q.108 Which of the following is a feature of the Fiscal Responsibility and Budget Management Act, 2003 (FRBMA)?

- Ans**
- ☒ 1. The reduction in fiscal deficit by 0.3 per cent of GDP each year
 - ☐ 2. The reduction in fiscal deficit by 0.2 per cent of GDP each year
 - ☐ 3. The reduction in fiscal deficit by 0.4 per cent of GDP each year
 - ☐ 4. The reduction in fiscal deficit by 0.5 per cent of GDP each year

Q.109 In September 2024, the World Health Organization (WHO) officially recognised which of the following as the first country in the world to eliminate leprosy?

- Ans**
- ☐ 1. Nepal
 - ☐ 2. Sudan
 - ☐ 3. Syria
 - ☒ 4. Jordan

Q.110 Bhirrana, a Neolithic site, is situated in _____ state.

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. Rajasthan
 - ☐ 3. Gujarat
 - ☒ 4. Haryana

Q.111 Who among the following is the ex-officio Chairman of the Rajya Sabha?

- Ans**
- ☐ 1. Leader of Opposition
 - ☐ 2. President of India
 - ☒ 3. Vice-President of India
 - ☐ 4. Senior Member of Rajya Sabha

Q.112 Which of the following schemes aims to create self-employment opportunities in rural areas?

- Ans**
- ☐ 1. Swarna Jayanti Shahri Rojgar Yojana
 - ☐ 2. Prime Minister's Rozgar Yojana
 - ☐ 3. Swarnajayanti Gram Swarozgar Yojana
 - ☒ 4. Rural Employment Generation Programme

Q.113 The idea of Justice (Social, Economic and Political) in the Preamble of Indian Constitution has been taken from the Constitution of _____.

- Ans**
- ☒ 1. Russia
 - ☐ 2. France
 - ☐ 3. America
 - ☐ 4. Japan

Q.114 Which of the following states is NOT connected to the Golden Quadrilateral highway network?

- Ans**
- ☐ 1. West Bengal
 - ☐ 2. Andhra Pradesh
 - ☒ 3. Kerala
 - ☐ 4. Tamil Nadu

Q.115 Indian chess player Raunak Sadhwani, who finished joint second in the Masters group of the 30th Abu Dhabi International Chess Festival that concluded in August 2024, belongs to which city?

- Ans**
- ☐ 1. Pune
 - ☐ 2. Nashik
 - ☒ 3. Nagpur
 - ☐ 4. Mumbai

Q.116 In which month is the Hornbill festival celebrated in India?

- Ans**
- ☐ 1. March
 - ☐ 2. May
 - ☐ 3. July
 - ☒ 4. December

Q.117 What is the correct sequence of the following Biosphere Reserves of India from east to west?


1. Sunderban 2. Pachmarhi 3. Achanakmar-Amarkantak 4. Similipal

- Ans**
- ☐ 1. 1, 3, 4, 2
 - ☐ 2. 2, 3, 4, 1
 - ☐ 3. 4, 2, 3, 1
 - ☒ 4. 1, 4, 3, 2

Q.118 Who among the following has assumed the charge of Chief of Army Training Command, Shimla in 2022?

- Ans**
- ☒ 1. Lt Gen SS Mahal
 - ☐ 2. Lt Gen J S Nain
 - ☐ 3. Lt Gen C P Mohanty
 - ☐ 4. Lt Gen Raj Shukla

Q.119 Senior IAS officer Deepak Kumar was appointed by the Election Commission as the new Home Secretary of which of the following states of India in March 2024?

- Ans**
-  1. Karnataka
 -  2. Odisha
 -  3. Uttar Pradesh
 -  4. West Bengal

Q.120 In January 2024, Sarbananda Sonowal launched 'Harit Nauka' guidelines and 'River Cruise Tourism Roadmap, 2047' at the Inland Waterways Development Council (IWDC) in _____.

- Ans**
-  1. Thiruvananthapuram
 -  2. Bhubaneswar
 -  3. Vishakhapatnam
 -  4. Kolkata

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