



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Roll Number	
Candidate Name	
Test Center Name	iON Digital Zone iDZ Luthergeri
Test Date	18/08/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

\* Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Select the INCORRECT option with reference to the Chipko Andolan.

Ans  1.

People realised that forests are needed to maintain the quality of soil

2.

It forced the government to rethink their priorities in the use of forest produce

3. It was a violent movement to save the trees

4. It involved the community in forest conservation efforts

Question ID : 7518974696  
Option 1 ID : 75189718782  
Option 2 ID : 75189718781  
Option 3 ID : 75189718784  
Option 4 ID : 75189718783

Status : Answered

Chosen Option : 3

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**Q.2** In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/symbol	4	%	7	3	#	*	9	@	6
Code	X	N	B	J	H	L	Y	F	R

Conditions:

(i) If the first element is an even number and the last a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and last elements are to be retained as it is (i.e first and last elements won't get coded).

Question: 7 \* % 3 @ 6

- Ans**
- 1. 7YNJF6
  - 2. BLNJFR
  - 3. 7LNJF6
  - 4. BLN3FR

Question ID : 7518974829  
 Option 1 ID : 75189719314  
 Option 2 ID : 75189719313  
 Option 3 ID : 75189719316  
 Option 4 ID : 75189719315  
 Status : Answered  
 Chosen Option : 3

**Q.3** From point X, a person walks 45 m towards the east. He then takes a left turn and walks 40 m. He then takes a right turn and walks 90 m. He then takes a right turn and walks 60 m. Finally, he takes a right turn and walks 135 m to reach point Y. How far and in which direction is point X from point Y? (All turns are 90 degree turns only)

- Ans**
- 1. 15 m, South
  - 2. 20 m, North
  - 3. 15 m, North
  - 4. 20 m, South

Question ID : 7518975042  
 Option 1 ID : 75189720167  
 Option 2 ID : 75189720166  
 Option 3 ID : 75189720168  
 Option 4 ID : 75189720165  
 Status : Answered  
 Chosen Option : 2

Q.4 A group of people contains men, women and children. If 40% of them are men, 35% are women and rest are children, and their average weights are 70 kg, 60 kg and 30 kg, respectively. The average weight of the group is:

- Ans
- 1. 45.5 gm
  - 2. 56.5 gm
  - 3. 56.5 kg
  - 4. 45.5 kg

Question ID : 7518975669  
Option 1 ID : 75189722674  
Option 2 ID : 75189722673  
Option 3 ID : 75189722676  
Option 4 ID : 75189722675  
Status : Answered  
Chosen Option : 3

Q.5 Which of the following is the storage carbohydrate in plants?

- Ans
- 1. Glycogen
  - 2. Sucrose
  - 3. Glucose
  - 4. Starch

Question ID : 7518974522  
Option 1 ID : 75189718088  
Option 2 ID : 75189718087  
Option 3 ID : 75189718085  
Option 4 ID : 75189718086  
Status : Answered  
Chosen Option : 3

Q.6 Which of the following is NOT a unit of heat energy?

- Ans
- 1. Kilowatt
  - 2. Watt second
  - 3. Calorie
  - 4. Joule

Question ID : 7518975490  
Option 1 ID : 75189721960  
Option 2 ID : 75189721958  
Option 3 ID : 75189721959  
Option 4 ID : 75189721957  
Status : Answered  
Chosen Option : 2

Q.7 India is the third largest country in South Asia, with \_\_\_\_\_ of Earth's land area.

- Ans
- 1. 6.5%
  - 2. 4.3%
  - 3. 5.7%
  - 4. 2.3%

Question ID : 7518974068  
Option 1 ID : 75189716269  
Option 2 ID : 75189716271  
Option 3 ID : 75189716270  
Option 4 ID : 75189716272  
Status : Answered  
Chosen Option : 4

Q.8 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only two boxes are kept between G and B. B is kept at the bottom. C is kept on one of the positions above D. F is kept immediately above D. A is kept fifth from the bottom. E is kept at the top. How many boxes are kept between D and A?

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

Question ID : 7518974918  
Option 1 ID : 75189719670  
Option 2 ID : 75189719669  
Option 3 ID : 75189719672  
Option 4 ID : 75189719671  
Status : Answered  
Chosen Option : 1

Q.9 Which of the following has the largest atomic radius?

- Ans
- 1. Iodine
  - 2. Fluorine
  - 3. Chlorine
  - 4. Oxygen

Question ID : 7518973723  
Option 1 ID : 75189714892  
Option 2 ID : 75189714889  
Option 3 ID : 75189714891  
Option 4 ID : 75189714890  
Status : Answered  
Chosen Option : 1

Q.10

Article 243E of the Indian Constitution is related to which feature of Panchayat?

Ans

- 1. Constitution of Panchayats
- 2. Composition of Panchayats
- 3. Reservation of seat
- 4. Duration of Panchayat

Question ID : 7518973935  
Option 1 ID : 75189715738  
Option 2 ID : 75189715739  
Option 3 ID : 75189715737  
Option 4 ID : 75189715740

Status : Answered

Chosen Option : 2

Q.11

The current through horizontal straight wire flows from west to east. The direction of the magnetic field lines as viewed from the east end will be:

Ans

- 1. anticlockwise in a plane perpendicular to the wire
- 2. anticlockwise in the plane of the wire
- 3. clockwise in a plane perpendicular to the wire
- 4. clockwise in the plane of the wire

Question ID : 7518975523  
Option 1 ID : 75189722090  
Option 2 ID : 75189722092  
Option 3 ID : 75189722089  
Option 4 ID : 75189722091

Status : Answered

Chosen Option : 2

Q.12

Which of the following rules is used to determine the force on a current carrying conductor kept inside a magnetic field ?

Ans

- 1. Right hand thumb rule
- 2. Maxwell's corkscrew rule
- 3. Fleming's right-hand rule
- 4. Fleming's left-hand rule

Question ID : 7518975525  
Option 1 ID : 75189722100  
Option 2 ID : 75189722098  
Option 3 ID : 75189722097  
Option 4 ID : 75189722099

Status : Answered

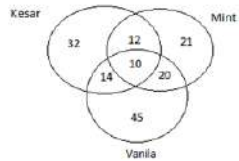
Chosen Option : 1

**Q.13** A shadow of a tower standing on a level ground is found to be  $40\sqrt{3}$  meters longer when the Sun's altitude is  $30^\circ$  than when it is  $60^\circ$ . The height of the tower is:

- Ans**
- 1. 70 m
  - 2. 60 m
  - 3. 40 m
  - 4. 50 m

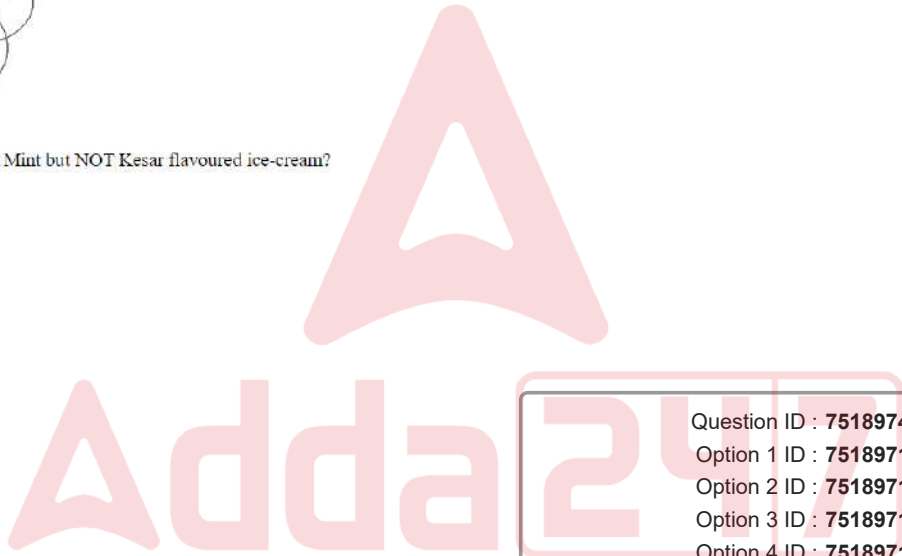
Question ID : 7518975778  
 Option 1 ID : 75189723112  
 Option 2 ID : 75189723110  
 Option 3 ID : 75189723109  
 Option 4 ID : 75189723111  
 Status : Answered  
 Chosen Option : 3

**Q.14** Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of people who like different flavours of ice-cream.



How many people like Mint but NOT Kesar flavoured ice-cream?

- Ans**
- 1. 41
  - 2. 51
  - 3. 21
  - 4. 33



Question ID : 7518974939  
 Option 1 ID : 75189719755  
 Option 2 ID : 75189719756  
 Option 3 ID : 75189719753  
 Option 4 ID : 75189719754  
 Status : Answered  
 Chosen Option : 1

Q.15 A sum, when invested at  $12\frac{1}{2}\%$  simple interest per annum, amounts to ₹8,250 after 2 years. What is the simple interest?

- Ans
- 1. ₹1,910
  - 2. ₹1,650
  - 3. ₹1,700
  - 4. ₹1,820

Question ID : 7518976273  
Option 1 ID : 75189725092  
Option 2 ID : 75189725089  
Option 3 ID : 75189725090  
Option 4 ID : 75189725091  
Status : Answered  
Chosen Option : 2

Q.16 How will the plant be affected if the rate of respiration becomes more than the rate of photosynthesis?

- Ans
- 1. More food will be oxidised than that produced, and plant will starve and die.
  - 2. Plants will store a lot amount of food
  - 3. Plant growth will slow down.
  - 4. Plant growth will increase due to more energy produced.

Question ID : 7518974537  
Option 1 ID : 75189718147  
Option 2 ID : 75189718148  
Option 3 ID : 75189718146  
Option 4 ID : 75189718145  
Status : Answered  
Chosen Option : 3

Q.17 The \_\_\_\_\_ DOES NOT function as an excretory organ in humans.

- Ans
- 1. lungs
  - 2. skin
  - 3. small intestine
  - 4. large intestine

Question ID : 7518974409  
Option 1 ID : 75189717634  
Option 2 ID : 75189717633  
Option 3 ID : 75189717635  
Option 4 ID : 75189717636  
Status : Answered  
Chosen Option : 1



**Q.18** The property/properties that must be possessed by a material to be chosen for making heating element of heating devices is/are:

- (i) high melting point
- (ii) high resistivity
- (iii) low resistance

- Ans**
- 1. Only (i) and (iii)
  - 2. Only (i) and (ii)
  - 3. Only (ii) and (iii)
  - 4. (i), (ii), (iii)

Question ID : 7518975487  
Option 1 ID : 75189721947  
Option 2 ID : 75189721945  
Option 3 ID : 75189721946  
Option 4 ID : 75189721948  
Status : Answered  
Chosen Option : 4

**Q.19** As of July 2022, PM-VIKAS is aligned to the 15<sup>th</sup> Finance Commission cycle period up to \_\_\_\_\_ and is a Central Sector (CS) scheme under the Ministry of Minority Affairs.

- Ans**
- 1. 2025-26
  - 2. 2021-23
  - 3. 2022-23
  - 4. 2024-27

Question ID : 7518976543  
Option 1 ID : 75189726170  
Option 2 ID : 75189726172  
Option 3 ID : 75189726169  
Option 4 ID : 75189726171  
Status : Not Answered  
Chosen Option : --

**Q.20** A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the given assumptions is/are implicit in the statement.

**Statement:**

Due to the failure of the main grid, power supply to many parts of the city was affected.

**Assumptions:**

- I. The main grid is responsible for transmission of power to different parts of the city.
- II. Most people have backup power installations at their homes to manage during times when power supply is disrupted.

- Ans**
- 1. Only assumption II is implicit
  - 2. Only assumption I is implicit
  - 3. Both assumptions I and II are implicit
  - 4. Neither assumption I nor II is implicit

Question ID : 7518976406

Option 1 ID : 75189725622

Option 2 ID : 75189725621

Option 3 ID : 75189725624

Option 4 ID : 75189725623

Status : Answered

Chosen Option : 2

**Q.21** The magnification produced by a spherical mirror is  $-0.5$ . The image formed by the mirror is:

- Ans**
- 1. virtual, erect and enlarged
  - 2. real, inverted and diminished
  - 3. real, inverted and enlarged
  - 4. virtual, erect and diminished

Question ID : 7518975388

Option 1 ID : 75189721551

Option 2 ID : 75189721550

Option 3 ID : 75189721549

Option 4 ID : 75189721552

Status : Answered

Chosen Option : 4

Q.22 Simplify:  $6(x^3 - 2x^2 + 3x) - (x^3 + 2x - 3)$ .

- Ans
- 1.  $5x^3 - 12x^2 + 16x - 3$
  - 2.  $5x^3 - 12x^2 + 16x + 3$
  - 3.  $5x^3 + 12x^2 + 16x - 3$
  - 4.  $5x^3 + 12x^2 + 16x + 3$

Question ID : 7518975916  
Option 1 ID : 75189723662  
Option 2 ID : 75189723661  
Option 3 ID : 75189723664  
Option 4 ID : 75189723663  
Status : Answered  
Chosen Option : 2

Q.23 The sum of two numbers is 32 and one of them exceeds the other by 18. Find the greater number.

- Ans
- 1. 27
  - 2. 25
  - 3. 28
  - 4. 24

Question ID : 7518975917  
Option 1 ID : 75189723667  
Option 2 ID : 75189723668  
Option 3 ID : 75189723666  
Option 4 ID : 75189723665  
Status : Answered  
Chosen Option : 2

Q.24 If  $40 : 35 :: 35 : x$ , find the value of  $x$ .

- Ans
- 1.  $\frac{245}{8}$
  - 2.  $\frac{49}{16}$
  - 3.  $\frac{49}{14}$
  - 4.  $\frac{49}{8}$

Question ID : 7518975840  
Option 1 ID : 75189723358  
Option 2 ID : 75189723357  
Option 3 ID : 75189723359  
Option 4 ID : 75189723360  
Status : Answered  
Chosen Option : 1

Q.25 Simplify  $\frac{8^2 \times 3^3}{\sqrt{64} \times \sqrt{81}}$ .

- Ans
- 1. 72
  - 2. 27
  - 3. 24
  - 4. 64

Question ID : 7518975799  
 Option 1 ID : 75189723194  
 Option 2 ID : 75189723193  
 Option 3 ID : 75189723196  
 Option 4 ID : 75189723195  
 Status : Answered  
 Chosen Option : 3

Q.26 Raju and Raman can complete a piece of work in 12 days and 16 days, respectively. If they work on alternate days, starting with Raju, in how many days will the work be completed?

- Ans
- 1.  $13\frac{2}{3}$  days
  - 2.  $13\frac{1}{3}$  days
  - 3.  $14\frac{1}{3}$  days
  - 4.  $14\frac{2}{3}$  days

Question ID : 7518975883  
 Option 1 ID : 75189723530  
 Option 2 ID : 75189723529  
 Option 3 ID : 75189723531  
 Option 4 ID : 75189723532  
 Status : Answered  
 Chosen Option : 1

Q.27 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PORTUGAL : UTRPOLGA :: URANUS : UUSRNA :: AMRITSAR : ?

- Ans
- 1. AATTRSMI
  - 2. TRRSMIAA
  - 3. TSRRMIAA
  - 4. TSMIRRAA

Question ID : 7518975274  
 Option 1 ID : 75189721094  
 Option 2 ID : 75189721095  
 Option 3 ID : 75189721096  
 Option 4 ID : 75189721093  
 Status : Answered  
 Chosen Option : 3

**Q.28** Six friends, K, L, M, N, O and P, are sitting around a circular table facing the centre of the table. O is second to the left of N. P is second to the right of K. M is to the immediate right of L. N and L are immediate neighbours. Who is sitting to the immediate right of P?

- Ans**
- 1. N
  - 2. L
  - 3. O
  - 4. K

Question ID : 7518975129  
Option 1 ID : 75189720516  
Option 2 ID : 75189720514  
Option 3 ID : 75189720513  
Option 4 ID : 75189720515  
Status : Answered  
Chosen Option : 1

**Q.29** Who has developed the Tamanna tool related to education in India?

- Ans**
- 1. All India Council for Technical Education
  - 2. University Grants Commission
  - 3. Indian Certificate of Secondary Education
  - 4.

Central Board of Secondary Education (CBSE) and National Council of Educational Research and Training (NCERT)

Question ID : 7518974143  
Option 1 ID : 75189716571  
Option 2 ID : 75189716570  
Option 3 ID : 75189716572  
Option 4 ID : 75189716569  
Status : Answered  
Chosen Option : 4

**Q.30** The sum of the present ages of a father and his daughter is 80 years. Eight years ago, the father's age was seven times the age of his daughter. Eight years from now, what will be the daughter's age?

- Ans**
- 1. 18 years
  - 2. 20 years
  - 3. 22 years
  - 4. 24 years

Question ID : 7518976154  
Option 1 ID : 75189724616  
Option 2 ID : 75189724615  
Option 3 ID : 75189724614  
Option 4 ID : 75189724613  
Status : Answered  
Chosen Option : 4

Q.31 Some plants can also produce new plants from their roots. An example of such a plant is \_\_\_\_\_.

- Ans
- 1. Cactus
  - 2. Ginger
  - 3. Sweet Potato
  - 4. Bryophyllum

Question ID : 7518974454  
Option 1 ID : 75189717814  
Option 2 ID : 75189717815  
Option 3 ID : 75189717813  
Option 4 ID : 75189717816  
Status : Answered  
Chosen Option : 2

Q.32 When was Bandhan Bank formed?

- Ans
- 1. 2011
  - 2. 2013
  - 3. 2017
  - 4. 2015

Question ID : 7518974232  
Option 1 ID : 75189716925  
Option 2 ID : 75189716926  
Option 3 ID : 75189716928  
Option 4 ID : 75189716927  
Status : Answered  
Chosen Option : 2

Q.33 The 36th National Games of India will take place in \_\_\_\_\_ cities of Gujarat between 27 September and 10 October 2022.

- Ans
- 1. six
  - 2. four
  - 3. eight
  - 4. five

Question ID : 7518976512  
Option 1 ID : 75189726046  
Option 2 ID : 75189726045  
Option 3 ID : 75189726047  
Option 4 ID : 75189726048  
Status : Not Answered  
Chosen Option : --

Q.34 If '+' means '-', '-' means '+', '\*' means 'x' and 'x' means '+', what will come in place of the question mark (?) in the following equation?

$$18 - 3 \times 14 \div 2 + 12 = ?$$

- Ans
- 1. 24
  - 2. 21
  - 3. 22
  - 4. 19

Question ID : 7518975322  
Option 1 ID : 75189721288  
Option 2 ID : 75189721286  
Option 3 ID : 75189721287  
Option 4 ID : 75189721285  
Status : Answered  
Chosen Option : 3

Q.35 In which of the following years was the first Republic Day of India celebrated?

- Ans
- 1. 1948
  - 2. 1950
  - 3. 1949
  - 4. 1947

Question ID : 7518974178  
Option 1 ID : 75189716710  
Option 2 ID : 75189716712  
Option 3 ID : 75189716711  
Option 4 ID : 75189716709  
Status : Answered  
Chosen Option : 2

Q.36 The difference between the selling price on a discount of 32% and two successive discounts of 20% each on a certain bill is ₹25. Find the actual amount of the bill.

- Ans
- 1. ₹425
  - 2. ₹576
  - 3. ₹200
  - 4. ₹625

Question ID : 7518976083  
Option 1 ID : 75189724330  
Option 2 ID : 75189724332  
Option 3 ID : 75189724329  
Option 4 ID : 75189724331  
Status : Marked For Review  
Chosen Option : 2

**Q.37** A car can cover 275 km in 5 hours. If its speed is reduced by 5 km/h, then how much time will the car take to cover a distance of 250 km?

- Ans**
- 1. 5 hr
  - 2. 5 hr 30 min
  - 3. 6 hr
  - 4. 4 hr 30 min

Question ID : 7518975871  
Option 1 ID : 75189723482  
Option 2 ID : 75189723483  
Option 3 ID : 75189723484  
Option 4 ID : 75189723481  
Status : Answered  
Chosen Option : 1

**Q.38** Which Article of the Constitution of India deals with duties of Prime Minister as respects the furnishing of information to the President, etc.?

- Ans**
- 1. Article 69
  - 2. Article 78
  - 3. Article 62
  - 4. Article 73

Question ID : 7518976561  
Option 1 ID : 75189726242  
Option 2 ID : 75189726244  
Option 3 ID : 75189726241  
Option 4 ID : 75189726243  
Status : Answered  
Chosen Option : 2

**Q.39** In a certain code language, 'SIGMA' is written as 'FVTZN' and 'FNYRQ' is written as 'SALED'. How will 'ARJUN' be written in that language?

- Ans**
- 1. NEWHA
  - 2. EWNAH
  - 3. BPWAH
  - 4. WENAH

Question ID : 7518974822  
Option 1 ID : 75189719285  
Option 2 ID : 75189719287  
Option 3 ID : 75189719286  
Option 4 ID : 75189719288  
Status : Answered  
Chosen Option : 1



**Q.40** In a queue of travellers at the emigration counter facing north, Pankaj is 9th from the extreme left end and Puja is 17th from extreme right end. If the positions of Pankaj and Puja are interchanged, then the new position of Pankaj will be 15th from the extreme left end. Find the number of travellers between Puja and Pankaj.

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

Question ID : 7518974906  
Option 1 ID : 75189719623  
Option 2 ID : 75189719621  
Option 3 ID : 75189719622  
Option 4 ID : 75189719624

Status : Answered  
Chosen Option : 3

**Q.41** Five friends A, B, C, D and E are sitting in a straight row, facing north. A is not at the exact centre position of the row. C is second from one extreme end, while fourth from the other extreme end. B and D sit at the extreme ends of the row. Who sits at the exact centre position of the row?

- Ans**
- 1. D
  - 2. A
  - 3. C
  - 4. E

Question ID : 7518974712  
Option 1 ID : 75189718848  
Option 2 ID : 75189718846  
Option 3 ID : 75189718847  
Option 4 ID : 75189718845

Status : Answered  
Chosen Option : 4

**Q.42** Which of the following chemical reactions represents the chlor-alkali process?

- Ans**
- 1.  $\text{Ca(OH)}_2 + \text{Cl}_2 \rightarrow \text{CaOCl}_2 + \text{H}_2\text{O}$
  - 2.  $\text{NaHCO}_3 + \text{H}^+ \rightarrow \text{CO}_2 + \text{H}_2\text{O} + \text{Sodium salt of acid}$
  - 3.  $\text{NaCl} + \text{H}_2\text{O} + \text{CO}_2 + \text{NH}_3 \rightarrow \text{NH}_4\text{Cl} + \text{NaHCO}_3$
  - 4.  
 $2 \text{NaCl (aq)} + 2 \text{H}_2\text{O (l)} \rightarrow 2 \text{NaOH (aq)} + \text{Cl}_2 \text{ (g)} + \text{H}_2 \text{ (g)}$

Question ID : 7518973641  
Option 1 ID : 75189714561  
Option 2 ID : 75189714563  
Option 3 ID : 75189714562  
Option 4 ID : 75189714564

Status : Answered  
Chosen Option : 1

**Q.43** A statement is given, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement:  $J \leq H \leq G = R > Z = E > D$

- Ans**
- 1.  $D > R$
  - 2.  $J \leq G$
  - 3.  $H > R$
  - 4.  $Z < D$

Question ID : 7518975204

Option 1 ID : 75189720814

Option 2 ID : 75189720816

Option 3 ID : 75189720815

Option 4 ID : 75189720813

Status : Answered

Chosen Option : 2

**Q.44** Study the given number series and answer the question that follows.

2 6 7 4 9 3 6 5 1 9 5 2 4 5 9 4 2 3 7 1

How many even numbers are immediately preceded by an odd number and immediately followed by a prime number?

- Ans**
- 1. 2
  - 2. 3
  - 3. 4
  - 4. 1

Question ID : 7518974805

Option 1 ID : 75189719218

Option 2 ID : 75189719219

Option 3 ID : 75189719220

Option 4 ID : 75189719217

Status : Answered

Chosen Option : 1

**Q.45** 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 its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 are not allowed.)

(80, 16, 20)

(144, 36, 24)

- Ans**
- ✓ 1. (189, 49, 27)
  - ✗ 2. (224, 36, 40)
  - ✗ 3. (512, 25, 16)
  - ✗ 4. (122, 12, 6)

Question ID : 7518975307

Option 1 ID : 75189721227

Option 2 ID : 75189721228

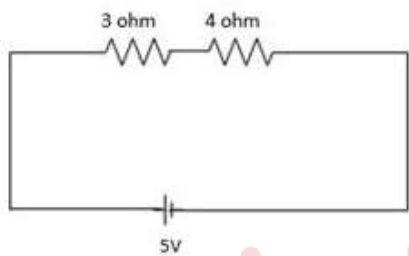
Option 3 ID : 75189721226

Option 4 ID : 75189721225

Status : Answered

Chosen Option : 2

**Q.46** The current across the 3 ohm resistance in the given circuit is:



- Ans**
- ✓ 1.  $5/7$  A
  - ✗ 2.  $3/5$  A
  - ✗ 3.  $5/3$  A
  - ✗ 4.  $7/5$  A

Question ID : 7518975476

Option 1 ID : 75189721902

Option 2 ID : 75189721903

Option 3 ID : 75189721904

Option 4 ID : 75189721901

Status : Answered

Chosen Option : 3

Q.47 What is the nature of the roots of the quadratic equation  $x^2 - 5x + 7 = 0$  ?

- Ans
- 1. Real, rational, equal
  - 2. Not real
  - 3. Real, irrational, unequal
  - 4. Real, rational, unequal

Question ID : 7518976354  
Option 1 ID : 75189725416  
Option 2 ID : 75189725413  
Option 3 ID : 75189725414  
Option 4 ID : 75189725415  
Status : Answered  
Chosen Option : 3

Q.48 Which two banks have merged with Punjab National Bank in 2020?

- Ans
- 1. Syndicate Bank and Allahabad Bank
  - 2. Dena Bank and Vijaya Bank
  - 3. Oriental Bank of Commerce and United Bank of India
  - 4. Andhra Bank and Corporation Bank

Question ID : 7518974054  
Option 1 ID : 75189716213  
Option 2 ID : 75189716215  
Option 3 ID : 75189716214  
Option 4 ID : 75189716216  
Status : Answered  
Chosen Option : 1

Q.49 Which of the following line(s) act as a normal to a spherical mirror?

- (i) Line joining the pole and centre of curvature
- (ii) Line joining the centre of curvature and point of incidence
- (iii) Line joining focus and point of incidence

- Ans
- ✓ 1. Both (i) and (ii)
  - ✗ 2. Both (i) and (iii)
  - ✗ 3. (i), (ii) and (iii)
  - ✗ 4. Both (ii) and (iii)

Question ID : 7518975350  
Option 1 ID : 75189721397  
Option 2 ID : 75189721399  
Option 3 ID : 75189721400  
Option 4 ID : 75189721398  
Status : Answered  
Chosen Option : 3

Q.50 The Scheme of Assistance to National Sports Federations (NSFs) has been extended to train and field national teams for national and international competitions between:

- Ans
- ✓ 1. 2022 and 2026
  - ✗ 2. 2021 and 2025
  - ✗ 3. 2022 and 2024
  - ✗ 4. 2022 and 2025

Question ID : 7518973952  
Option 1 ID : 75189715805  
Option 2 ID : 75189715808  
Option 3 ID : 75189715807  
Option 4 ID : 75189715806  
Status : Not Answered  
Chosen Option : --

Q.51 The bends formed in the river when river water erodes its banks on the outside of the channel are known as:

- Ans
- ✗ 1. Braided channels
  - ✗ 2. Distributaries
  - ✗ 3. Tributaries
  - ✓ 4. Meanders

Question ID : 7518974256  
Option 1 ID : 75189717023  
Option 2 ID : 75189717022  
Option 3 ID : 75189717021  
Option 4 ID : 75189717024  
Status : Answered  
Chosen Option : 4

**Q.52** Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

1. All jokers are circuses.
2. All circuses are equestrians.
3. Some jokers are spectacles.

**Conclusions:**

- I. Some equestrians are spectacles.
- II. Some circuses are jokers.

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

Question ID : 7518974749  
Option 1 ID : 75189718996  
Option 2 ID : 75189718994  
Option 3 ID : 75189718993  
Option 4 ID : 75189718995  
Status : Answered  
Chosen Option : 1

**Q.53** Each vowel in the word 'EXPLAIN' 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. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the right end?

- Ans** ✗ 1. O  
✗ 2. Y  
✓ 3. M  
✗ 4. Q

Question ID : 7518974990  
Option 1 ID : 75189719958  
Option 2 ID : 75189719960  
Option 3 ID : 75189719957  
Option 4 ID : 75189719959  
Status : Answered  
Chosen Option : 3

Q.54 Which of the following number will replace the question mark (?) and complete the given number series?

4, 5, 12, 39, 160, ?

- Ans
- 1. 805
  - 2. 800
  - 3. 850
  - 4. 804

Question ID : 7518975072  
Option 1 ID : 75189720286  
Option 2 ID : 75189720287  
Option 3 ID : 75189720285  
Option 4 ID : 75189720288  
Status : Answered  
Chosen Option : 1

Q.55 Which of the following famous churches of India is INCORRECTLY matched with its location?

- Ans
- 1. St. Paul Cathedral - Kolkata
  - 2. Basilica of Bom Jesus - Goa
  - 3. St. John in the Wilderness Church - Pondicherry
  - 4. Santa Cruz Basilica - Kochi

Question ID : 7518973828  
Option 1 ID : 75189715309  
Option 2 ID : 75189715310  
Option 3 ID : 75189715312  
Option 4 ID : 75189715311  
Status : Not Answered  
Chosen Option : --

Q.56 Ramakrishna Mission was founded in 1897 by \_\_\_\_\_.

- Ans
- 1. Swami Vivekanand
  - 2. Raja Ram Mohan Roy
  - 3. Ramkrishna Paramhansa
  - 4. Dayanand Saraswati

Question ID : 7518974169  
Option 1 ID : 75189716674  
Option 2 ID : 75189716676  
Option 3 ID : 75189716673  
Option 4 ID : 75189716675  
Status : Answered  
Chosen Option : 1

Q.57 \_\_\_\_\_ aid (s) in the emulsification of fat.

- Ans
- 1. Vit- K Trypsin
  - 2. Bile salts
  - 3. HCl
  - 4. Pepsin

Question ID : 7518974375  
Option 1 ID : 75189717500  
Option 2 ID : 75189717499  
Option 3 ID : 75189717498  
Option 4 ID : 75189717497  
Status : Answered  
Chosen Option : 2

Q.58 Some effects of large production of biodegradable waste are mentioned below. Choose the INCORRECT statement.

- Ans
- 1. Gives out foul smell
  - 2. Amount of waste sent to landfills increases
  - 3. Act as breeding ground for mosquitoes and spread diseases
  - 4. Replenishment of soil nutrients

Question ID : 7518974677  
Option 1 ID : 75189718706  
Option 2 ID : 75189718705  
Option 3 ID : 75189718708  
Option 4 ID : 75189718707  
Status : Answered  
Chosen Option : 4

Q.59 Carbon is able to form stable compounds because of:

- Ans
- 1. its smaller atomic size
  - 2. its allotropic forms
  - 3. Its ability to form covalent bond
  - 4. the presence of p-orbital

Question ID : 7518973395  
Option 1 ID : 75189713577  
Option 2 ID : 75189713580  
Option 3 ID : 75189713578  
Option 4 ID : 75189713579  
Status : Answered  
Chosen Option : 3



**Q.60** If '+' means '×', '×' means '+', '-' means '÷', and '÷' means '-', what will come in place of the question mark (?) in the following equation?

$$13 - 17 + 24 \div 54 \times 18 + 28 \times 14 = ?$$

- Ans**
- 1. 380
  - 2. 225
  - 3. 510
  - 4. 415

Question ID : 7518974886  
Option 1 ID : 75189719542  
Option 2 ID : 75189719541  
Option 3 ID : 75189719544  
Option 4 ID : 75189719543  
Status : Answered  
Chosen Option : 4

**Q.61** Which of the following pairs is NOT coprime?

- Ans**
- 1. (11, 13)
  - 2. (15, 17)
  - 3. (17, 23)
  - 4. (17, 34)

Question ID : 7518975815  
Option 1 ID : 75189723258  
Option 2 ID : 75189723257  
Option 3 ID : 75189723259  
Option 4 ID : 75189723260  
Status : Answered  
Chosen Option : 2

**Q.62** Which languages are to be used for all or any of the official purposes of the State of Tripura as per the Tripura Official Languages Act, 1964?

- Ans**
- 1. Bengali and Kokborok
  - 2. Telugu and Lepcha
  - 3. Konkani and English
  - 4. Hindi and Bengali

Question ID : 7518974009  
Option 1 ID : 75189716033  
Option 2 ID : 75189716034  
Option 3 ID : 75189716035  
Option 4 ID : 75189716036  
Status : Answered  
Chosen Option : 4

**Q.63** The total surface area of a cylinder of diameter 10 cm is 330 square centimeters. Find the height of the cylinder?

- Ans**
- 1. 10.5 cm
  - 2. 2.5 cm
  - 3. 5.5 cm
  - 4. 6.5 cm

Question ID : 7518976186  
Option 1 ID : 75189724744  
Option 2 ID : 75189724741  
Option 3 ID : 75189724742  
Option 4 ID : 75189724743  
Status : Answered  
Chosen Option : 3

**Q.64** Which of the following numbers will replace the question mark (?) in the given series?

17, 30, 44, 59, 75, ?

- Ans**
- 1. 92
  - 2. 111
  - 3. 102
  - 4. 85

Question ID : 7518975281  
Option 1 ID : 75189721122  
Option 2 ID : 75189721124  
Option 3 ID : 75189721123  
Option 4 ID : 75189721121  
Status : Answered  
Chosen Option : 1

**Q.65** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

64 : 81 :: 121 : 144 :: 169 : ?

- Ans**
- 1. 225
  - 2. 216
  - 3. 196
  - 4. 200

Question ID : 7518975077  
Option 1 ID : 75189720307  
Option 2 ID : 75189720305  
Option 3 ID : 75189720308  
Option 4 ID : 75189720306  
Status : Answered  
Chosen Option : 3

Q.66

In which of the following years was a joint venture signed between the Government of India and Suzuki Motor Corporation, to launch the Maruti 800 car for the first time in India?

Ans

✓ 1. 1982

✗ 2. 1986

✗ 3. 1978

✗ 4. 1998

Question ID : 7518973883

Option 1 ID : 75189715532

Option 2 ID : 75189715531

Option 3 ID : 75189715530

Option 4 ID : 75189715529

Status : Not Answered

Chosen Option : --

Q.67 The Constitution of India has \_\_\_\_\_ parts and \_\_\_\_\_ schedules.

Ans ✗ 1. 12; 25

✗ 2. 22; 10

✗ 3. 10; 22

✓ 4. 25; 12

Question ID : 7518974286

Option 1 ID : 75189717143

Option 2 ID : 75189717142

Option 3 ID : 75189717141

Option 4 ID : 75189717144

Status : Answered

Chosen Option : 4

**Q.68** Which of the following is an independent financial institution established in 1990 under an Act of the Indian Parliament, with the objective of assisting in the growth and development of Micro, Small and Medium Enterprises (MSMEs) sector?

- Ans**
- 1. NBFC
  - 2. SIDBI
  - 3. MSS
  - 4. FSDC

Question ID : 7518974051  
Option 1 ID : 75189716203  
Option 2 ID : 75189716204  
Option 3 ID : 75189716202  
Option 4 ID : 75189716201  
Status : Answered  
Chosen Option : 2

**Q.69** Planets do not twinkle because

- Ans**
- 1. they scatter more light
  - 2. they scatter less light
  - 3. they act as extended source of light
  - 4. they act as a point source of light

Question ID : 7518975445  
Option 1 ID : 75189721780  
Option 2 ID : 75189721777  
Option 3 ID : 75189721778  
Option 4 ID : 75189721779  
Status : Answered  
Chosen Option : 1

**Q.70** Find the roots of the equation  $6p^2 - 5p - 6 = 0$ .

- Ans**
- 1.  $-\frac{2}{3}$  and  $\frac{3}{2}$
  - 2.  $\frac{3}{4}$  and  $\frac{3}{2}$
  - 3.  $\frac{2}{3}$  and  $\frac{2}{3}$
  - 4.  $-\frac{1}{3}$  and  $\frac{4}{3}$

Question ID : 7518975730  
Option 1 ID : 75189722917  
Option 2 ID : 75189722919  
Option 3 ID : 75189722918  
Option 4 ID : 75189722920  
Status : Answered  
Chosen Option : 1

Q.71 A magnesium ribbon burns with a dazzling flame in air (oxygen) and changes into a white substance 'X'. The X is:

- Ans
- 1.  $\text{MgCO}_3$
  - 2.  $\text{MgO}$
  - 3.  $\text{Mg(OH)}_2$
  - 4.  $\text{Mg}$

Question ID : 7518973609  
Option 1 ID : 75189714435  
Option 2 ID : 75189714433  
Option 3 ID : 75189714434  
Option 4 ID : 75189714436  
Status : Answered  
Chosen Option : 1

Q.72 Find the number of sides in a regular polygon if its each interior angle is  $160^\circ$ .

- Ans
- 1. 17
  - 2. 14
  - 3. 15
  - 4. 18

Question ID : 7518975767  
Option 1 ID : 75189723067  
Option 2 ID : 75189723065  
Option 3 ID : 75189723066  
Option 4 ID : 75189723068  
Status : Answered  
Chosen Option : 4

Q.73 A shopkeeper sells an item at a profit of 25% and dishonestly uses a weight that is 30% less than the actual weight. Find his total profit%.

- Ans
- 1. 65.75%
  - 2. 78.57%
  - 3. 23%
  - 4. 42%

Question ID : 7518975633  
Option 1 ID : 75189722529  
Option 2 ID : 75189722532  
Option 3 ID : 75189722531  
Option 4 ID : 75189722530  
Status : Answered  
Chosen Option : 2

Q.74 Compounds  $C_2H_6$  and  $C_3H_8$  are differ by \_\_\_\_\_ unit and belong to \_\_\_\_\_ series.

- Ans
- 1.  $CH_3$ , homologous
  - 2.  $CH_2$ , heterogeneous
  - 3.  $CH_3$ , heterogeneous
  - 4.  $CH_2$ , homologous

Question ID : 7518973563  
Option 1 ID : 75189714252  
Option 2 ID : 75189714250  
Option 3 ID : 75189714249  
Option 4 ID : 75189714251  
Status : Answered  
Chosen Option : 4

Q.75 Mohit's salary is ₹15,000 per month. He spends ₹5,000 on house rent, ₹2,000 on bills and rest of the amount is his monthly savings. Find his savings in a year, if in the month of his birthday he spent his complete monthly saving for birthday celebration.

- Ans
- 1. ₹88,000
  - 2. ₹8,000
  - 3. ₹17,000
  - 4. ₹96,000

Question ID : 7518975599  
Option 1 ID : 75189722393  
Option 2 ID : 75189722395  
Option 3 ID : 75189722396  
Option 4 ID : 75189722394  
Status : Answered  
Chosen Option : 1

Q.76 Select the option that represents the letters that, when placed from left to right in the same sequence in the blanks below, will complete the letter series.

B \_ X T \_ \_ H Y \_ M B \_ Z \_ M

- Ans
- 1. MHBHTT
  - 2. TMHBHT
  - 3. HMBTHT
  - 4. BMHHTT

Question ID : 7518974783  
Option 1 ID : 75189719129  
Option 2 ID : 75189719130  
Option 3 ID : 75189719131  
Option 4 ID : 75189719132  
Status : Answered  
Chosen Option : 3

**Q.77** Umesh is standing facing the south-west direction. He then takes a  $90^\circ$  clockwise turn. After that, he takes a  $135^\circ$  clockwise turn. He finally takes a  $90^\circ$  anticlockwise turn. In which direction is he facing now?

- Ans**
- 1. West
  - 2. North
  - 3. North-east
  - 4. North-west

Question ID : 7518975270  
Option 1 ID : 75189721080  
Option 2 ID : 75189721079  
Option 3 ID : 75189721077  
Option 4 ID : 75189721078  
Status : Answered  
Chosen Option : 2

**Q.78** If  $d^2 + \frac{1}{d^2} = 18$ , and  $d > \frac{1}{d}$  then the value of  $d^3 - \frac{1}{d^3}$  is:

- Ans**
- 1. 91
  - 2. 64
  - 3. 76
  - 4. 81

Question ID : 7518976320  
Option 1 ID : 75189725279  
Option 2 ID : 75189725280  
Option 3 ID : 75189725277  
Option 4 ID : 75189725278  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.79** Some features of genes are mentioned below. Which option states the INCORRECT feature of genes?

- Ans**
- 1. They do not undergo any change.
  - 2. They control traits by producing proteins.
  - 3. Each germ cell has one gene set.
  - 4. They are segments of DNA.

Question ID : 7518974646  
Option 1 ID : 75189718583  
Option 2 ID : 75189718582  
Option 3 ID : 75189718584  
Option 4 ID : 75189718581  
Status : Answered  
Chosen Option : 1

Q.80

Simplify  $\left(\frac{1}{3}\right)^{-3} + \left(\frac{1}{5}\right)^{-4} + \left(\frac{1}{15}\right)^{-2}$ .

- Ans  1. 877  
 2. 856  
 3. 777  
 4. 756

Question ID : 7518976012  
 Option 1 ID : 75189724046  
 Option 2 ID : 75189724048  
 Option 3 ID : 75189724045  
 Option 4 ID : 75189724047  
 Status : Answered  
 Chosen Option : 1

Q.81

Find the value of  $325 \times 5 + 31 \times 21 - 22 \times (63 - 52)$ .

- Ans  1. 2044  
 2. 2024  
 3. 2034  
 4. 2014

Question ID : 7518975787  
 Option 1 ID : 75189723146  
 Option 2 ID : 75189723147  
 Option 3 ID : 75189723145  
 Option 4 ID : 75189723148  
 Status : Answered  
 Chosen Option : 3

Q.82 This question is based on the following 3-digit numbers.

543 769 552 342 245

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

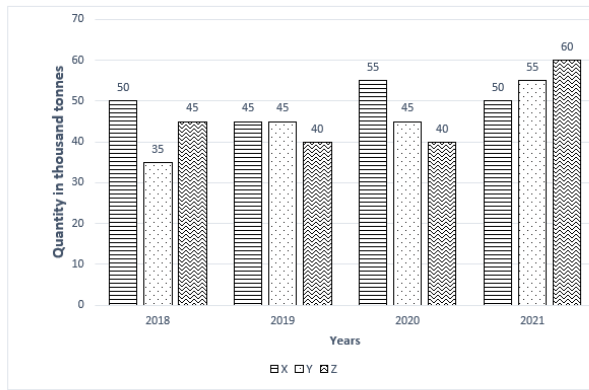
If in each of the numbers, 1 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the third digit of the same number?

- Ans  1. Four  
 2. Two  
 3. Five  
 4. Three

Question ID : 7518975239  
 Option 1 ID : 75189720955  
 Option 2 ID : 75189720953  
 Option 3 ID : 75189720956  
 Option 4 ID : 75189720954  
 Status : Answered  
 Chosen Option : 4



**Q.83** The bar graph given below shows the data on the production of milk products (in thousand tonnes) by three branches, X, Y and Z, of a dairy product company over the years. Study the graph and answer the question.



For which branch(es) of the dairy product company was the average production for the given 4 years the minimum?

- Ans
- 1. Branches Y and Z
  - 2. Branch Y
  - 3. Branch X
  - 4. Branch Z

Question ID : 7518975118  
 Option 1 ID : 75189720472  
 Option 2 ID : 75189720470  
 Option 3 ID : 75189720469  
 Option 4 ID : 75189720471  
 Status : Answered  
 Chosen Option : 2

**Q.84** If '+' means '-', '-' means '×', '×' means '+', '+' means '-', what will come in place of the question mark (?) in the following equation?

$$9 \times 8 + 4 - 8 \div 5 = ?$$

- Ans
- 1. 18
  - 2. 35
  - 3. 23
  - 4. 20



Question ID : 7518974881  
 Option 1 ID : 75189719522  
 Option 2 ID : 75189719521  
 Option 3 ID : 75189719523  
 Option 4 ID : 75189719524  
 Status : Answered  
 Chosen Option : 4

Q.85 Find the median class of:

CI	0-50	50-100	100-150	150-200
F	12	15	13	10

- Ans
- ✓ 1. 50-100
  - ✗ 2. 150-200
  - ✗ 3. 0-50
  - ✗ 4. 100-150

Question ID : 7518975682  
Option 1 ID : 75189722726  
Option 2 ID : 75189722728  
Option 3 ID : 75189722725  
Option 4 ID : 75189722727  
Status : Answered  
Chosen Option : 1

Q.86 Which state has become India's first state to launch AVGC (Animation, Visual Effects, Gaming, and Comics) Centre of Excellence?

- Ans
- ✓ 1. Karnataka
  - ✗ 2. Kerala
  - ✗ 3. Haryana
  - ✗ 4. Jharkhand

Question ID : 7518973790  
Option 1 ID : 75189715159  
Option 2 ID : 75189715157  
Option 3 ID : 75189715160  
Option 4 ID : 75189715158  
Status : Answered  
Chosen Option : 2

**Q.87** Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement:  $Y < O \leq G \leq K = U > L > P$

- Ans**
- 1.  $Y > L$
  - 2.  $O = P$
  - 3.  $G = Y$
  - 4.  $K > P$

Question ID : 7518974771  
Option 1 ID : 75189719082  
Option 2 ID : 75189719081  
Option 3 ID : 75189719084  
Option 4 ID : 75189719083  
Status : Answered  
Chosen Option : 4

**Q.88** Consider the below statements and identify the correct answer.

Statement I: Metallic character decreases across a period as we move from left to right.

Statement II: The effective nuclear charge acting on the valence shell electrons increases across a period, the tendency to lose electrons will decrease.

- Ans**
- 1. Both statements are correct. Statement II is correct explanation of Statement I.
  - 2. Both statements are correct. Statement I is correct explanation of Statement II.
  - 3. Only Statement II is correct.
  - 4. Only Statement I is correct.

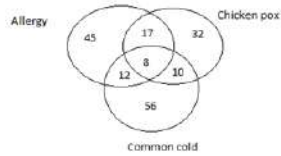
Question ID : 7518973739  
Option 1 ID : 75189714953  
Option 2 ID : 75189714954  
Option 3 ID : 75189714956  
Option 4 ID : 75189714955  
Status : Answered  
Chosen Option : 1

**Q.89** Where was the first Biosafety Level-3 (BSL-3) Containment Mobile Laboratory inaugurated in February 2022 to strengthen the healthcare infrastructure of South Asia?

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

Question ID : 7518973970  
Option 1 ID : 75189715879  
Option 2 ID : 75189715877  
Option 3 ID : 75189715878  
Option 4 ID : 75189715880  
Status : Not Answered  
Chosen Option : --

**Q.90** Study the given diagram carefully and answer the following question. The numbers in different sections indicate the number of persons who have suffered from different diseases.



How many people have suffered from both Allergy and Chicken pox but NOT Common cold?

- Ans**
- ✓ 1. 17
  - ✗ 2. 32
  - ✗ 3. 45
  - ✗ 4. 25

Question ID : 7518974942

Option 1 ID : 75189719766

Option 2 ID : 75189719767

Option 3 ID : 75189719768

Option 4 ID : 75189719765

Status : Answered

Chosen Option : 1

Q.91 Match the following:

Substance	pH
i. Lemon juice	a. 14
ii. Gastric juice	b. 1.2
iii. Milk of magnesia	c. 2.2
iv. Sodium hydroxide solution	d. 10

- Ans
- 1. i-a, ii-b, iii-c, iv-d
  - 2. i-c, ii-b, iii-d, iv-a
  - 3. i-c, ii-b, iii-a, iv-d
  - 4. i-d, ii-b, iii-c, iv-a

Question ID : 7518973630  
Option 1 ID : 75189714517  
Option 2 ID : 75189714518  
Option 3 ID : 75189714519  
Option 4 ID : 75189714520

Status : Answered  
Chosen Option : 2

Q.92 The parallel sides of a trapezium and its height are in an arithmetic progression with a common difference of 4. If the height is the highest term and the area of the trapezium is 160 sq. units, find the ratio of length of greatest parallel side to that of the smallest parallel side.

- Ans
- 1. 5: 1
  - 2. 2: 3
  - 3. 1: 5
  - 4. 3: 2

Question ID : 7518976208  
Option 1 ID : 75189724829  
Option 2 ID : 75189724832  
Option 3 ID : 75189724830  
Option 4 ID : 75189724831

Status : Not Answered  
Chosen Option : --

Q.93

The Dam Rehabilitation and Improvement Project was started in which year?

Ans

1. 2021

2. 2002

3. 2009

4. 2012

Question ID : 7518973910

Option 1 ID : 75189715639

Option 2 ID : 75189715637

Option 3 ID : 75189715640

Option 4 ID : 75189715638

Status : Not Answered

Chosen Option : --

Q.94 If 1 January 2011 was a Saturday, then what day of the week was 31 December 2011?

Ans

1. Saturday

2. Sunday

3. Friday

4. Monday

Question ID : 7518976423

Option 1 ID : 75189725690

Option 2 ID : 75189725691

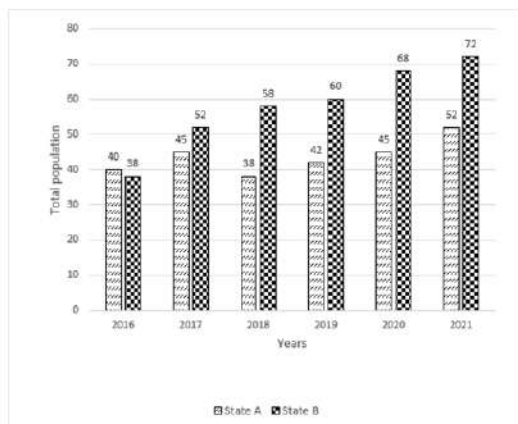
Option 3 ID : 75189725689

Option 4 ID : 75189725692

Status : Answered

Chosen Option : 3

**Q.95** The bar graph given below shows the population of two states, A and B, (in lakhs) over the years. Study the graph and answer the question.



What is the approximate average population of state B for all the given years?

- Ans
- 1. 62 lakhs
  - 2. 65 lakhs
  - 3. 70 lakhs
  - 4. 58 lakhs

Question ID : 7518975120  
 Option 1 ID : 75189720479  
 Option 2 ID : 75189720477  
 Option 3 ID : 75189720480  
 Option 4 ID : 75189720478  
 Status : Answered  
 Chosen Option : 4

**Q.96** What happens when sodium metal reacts with water?

- Ans
- 1. Hydrogen gas and sodium hydroxide solution are produced.
  - 2. Chlorine gas and sodium hydroxide solution are produced.
  - 3. No reaction takes place.
  - 4. Only sodium hydroxide solution is produced.

Question ID : 7518973584  
 Option 1 ID : 75189714333  
 Option 2 ID : 75189714334  
 Option 3 ID : 75189714335  
 Option 4 ID : 75189714336  
 Status : Answered  
 Chosen Option : 1

Q.97 The HCF of 108 and 144 is \_\_\_\_\_

- Ans
- 1. 36
  - 2. 16
  - 3. 24
  - 4. 12

Question ID : 7518975584  
Option 1 ID : 75189722333  
Option 2 ID : 75189722336  
Option 3 ID : 75189722335  
Option 4 ID : 75189722334  
Status : Answered  
Chosen Option : 1

Q.98 The focal length of a diverging lens is 50 cm. The power of the lens is:

- Ans
- 1. 2 D
  - 2. -2 D
  - 3. -5 D
  - 4. 5 D

Question ID : 7518975419  
Option 1 ID : 75189721675  
Option 2 ID : 75189721676  
Option 3 ID : 75189721674  
Option 4 ID : 75189721673  
Status : Answered  
Chosen Option : 1

Q.99 All 72 students of a class are standing in a row facing the north. Shalabh is standing at the extreme left end of the row. Only 8 students are standing between Shalabh and Kimaya. Virali is 26<sup>th</sup> from the extreme right end of the row. How many students are standing between Virali and Kimaya?

- Ans
- 1. 37
  - 2. 36
  - 3. 38
  - 4. 35

Question ID : 7518975147  
Option 1 ID : 75189720587  
Option 2 ID : 75189720586  
Option 3 ID : 75189720588  
Option 4 ID : 75189720585  
Status : Answered  
Chosen Option : 2



**Q.100** How many spherical solid marbles, each having a radius of 0.3 cm, can be made from a solid sphere having a radius of 6 cm?

- Ans**
- 1. 9000
  - 2. 7500
  - 3. 8000
  - 4. 8500

Question ID : 7518976362  
Option 1 ID : 75189725445  
Option 2 ID : 75189725448  
Option 3 ID : 75189725447  
Option 4 ID : 75189725446  
Status : Answered  
Chosen Option : 3

