



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 Harida
Test Date	28/09/2022
Test Time	9:00 AM - 10:30 AM
Subject	Level 1

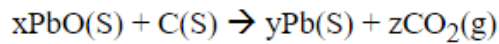
* Note

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 What is the value of x, y and z in the following chemical equation?



Ans 1. x = 2, y = 2, z = 1

2. x = 2, y = 1, z = 1

3. x = 2, y = 1, z = 2

4. x = 1, y = 1, z = 2

Question ID : 75189713959

Option 1 ID : 75189755834

Option 2 ID : 75189755833

Option 3 ID : 75189755835

Option 4 ID : 75189755836

Status : Answered

Chosen Option : 1

Q.2 Rahul drives 80 km towards the north, and then he turns towards the west and drives 100 km. After that, he turns south and drives 80 km, and in the end, he turns east and drives 120 km. How far is the end point from the initial point?

Ans 1. 140 km

2. 50 km

3. 20 km

4. 80 km

Question ID : 75189713224

Option 1 ID : 75189752895

Option 2 ID : 75189752894

Option 3 ID : 75189752896

Option 4 ID : 75189752893

Status : Answered

Chosen Option : 3

Q.3 Respiration reaction in humans is an example of _____.

- Ans
- 1. displacement reaction
 - 2. endothermic reaction
 - 3. redox reaction
 - 4. exothermic reaction

Question ID : 75189711863
Option 1 ID : 75189747451
Option 2 ID : 75189747449
Option 3 ID : 75189747450
Option 4 ID : 75189747452
Status : Answered
Chosen Option : 4

Q.4 India's Jhulan Goswami was in the news on 16 March 2022 for becoming the highest wicket taker in Women's ODIs by claiming 250 wickets. Against which team did she achieve this feat?

- Ans
- 1. England
 - 2. South Africa
 - 3. Australia
 - 4. New Zealand

Question ID : 7518979351
Option 1 ID : 75189737402
Option 2 ID : 75189737403
Option 3 ID : 75189737401
Option 4 ID : 75189737404
Status : Answered
Chosen Option : 2

Q.5 To celebrate Azadi Ka Amrit Mahotsav (75 years of India's Independence), to which school did the Government of India donate 50 computers?

- Ans
- 1. Lycee Moderne Ampefiloha, Madagascar
 - 2. The European School Copenhagen
 - 3. Ermysted's Grammar School, Skipton
 - 4. Tokyo Metropolitan Asuka High School

Question ID : 75189713988
Option 1 ID : 75189755951
Option 2 ID : 75189755950
Option 3 ID : 75189755952
Option 4 ID : 75189755949
Status : Not Answered
Chosen Option : --

Q.6 The sum of two consecutive even numbers is 842. What is the smaller number?

- Ans
- 1. 423
 - 2. 420
 - 3. 421
 - 4. 422

Question ID : 75189712066
Option 1 ID : 75189748264
Option 2 ID : 75189748263
Option 3 ID : 75189748261
Option 4 ID : 75189748262
Status : Answered
Chosen Option : 2

Q.7 At what pH level does tooth decay start?

- Ans
- 1. pH below 5.5
 - 2. pH 6
 - 3. pH 7
 - 4. pH above 7

Question ID : 75189715027
Option 1 ID : 75189760106
Option 2 ID : 75189760108
Option 3 ID : 75189760105
Option 4 ID : 75189760107
Status : Answered
Chosen Option : 1

Q.8 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 3 hours and the hole in the bottom can empty the fully filled cistern in 5 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

- Ans
- 1. 6.5 hours
 - 2. 7 hours
 - 3. 7.5 hours
 - 4. 8.5 hours

Question ID : 75189713335
Option 1 ID : 75189753340
Option 2 ID : 75189753338
Option 3 ID : 75189753337
Option 4 ID : 75189753339
Status : Answered
Chosen Option : 3

Q.9 In which year was the Steel Authority of India Ltd incorporated?

- Ans 1. 1973
 2. 1981
 3. 1956
 4. 1963

Question ID : 75189712489
Option 1 ID : 75189749955
Option 2 ID : 75189749956
Option 3 ID : 75189749953
Option 4 ID : 75189749954
Status : Answered
Chosen Option : 2

Q.10 Which among the following is not a change noticed among children who entered teenage (boys and girls)?

- Ans 1. Hair growth is seen in all parts of the body
 2. Hair growth in some parts of the body
 3. Some develop pimples
 4. Skin in many becomes oily

Question ID : 75189712290
Option 1 ID : 75189749159
Option 2 ID : 75189749157
Option 3 ID : 75189749160
Option 4 ID : 75189749158
Status : Answered
Chosen Option : 1

Q.11 In which year was Lakhimi Baruah awarded the Padma Shri for social work?

- Ans 1. 2021
 2. 2020
 3. 2017
 4. 2018

Question ID : 75189712455
Option 1 ID : 75189749817
Option 2 ID : 75189749818
Option 3 ID : 75189749820
Option 4 ID : 75189749819
Status : Answered
Chosen Option : 1

Q.12 The following is a cumulative frequency distribution (less than type) of 900 persons, each of age 30 years and above.
What is the modal age (in years) (correct to one decimal place)?

Age below (in years)	40	50	60	70	80
Number of persons	120	250	650	850	900

- Ans**
- 1. 54.5
 - 2. 55.2
 - 3. 55.7
 - 4. 54.8

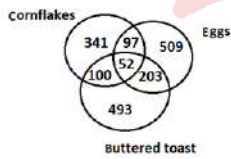
Question ID : 75189712639
 Option 1 ID : 75189750553
 Option 2 ID : 75189750555
 Option 3 ID : 75189750556
 Option 4 ID : 75189750554
 Status : **Not Attempted and Marked For Review**
 Chosen Option : --

Q.13 Three resistors, each of resistance $2\ \Omega$, $3\ \Omega$ and $5\ \Omega$, are connected in series to a battery of voltage V . If the current through the $2\ \Omega$ resistor is $4\ \text{A}$, then V is _____.

- Ans**
- 1. 40 V
 - 2. 60 V
 - 3. 80 V
 - 4. 20 V

Question ID : 75189714107
 Option 1 ID : 75189756426
 Option 2 ID : 75189756427
 Option 3 ID : 75189756428
 Option 4 ID : 75189756425
 Status : **Answered**
 Chosen Option : 1

Q.14 Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons who consume a certain type of breakfast.



How many such persons are there, who consume both cornflakes and buttered toast?

- Ans**
- 1. 341
 - 2. 152
 - 3. 100
 - 4. 52

Question ID : 75189714969
 Option 1 ID : 75189759873
 Option 2 ID : 75189759876
 Option 3 ID : 75189759875
 Option 4 ID : 75189759874
 Status : **Answered**
 Chosen Option : 2

Q.15 Simplify the given expression.

$$x^2 + 3x + 12 - 2(x^3 - x + 4)$$

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

Question ID : 75189712996

Option 1 ID : 75189751981

Option 2 ID : 75189751982

Option 3 ID : 75189751984

Option 4 ID : 75189751983

Status : Answered

Chosen Option : 4

Q.16 Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

$$12 : 20 :: 30 : ? :: 56 : 72$$

- Ans
- 1. 42
 - 2. 45
 - 3. 41
 - 4. 44

Question ID : 75189713700

Option 1 ID : 75189754798

Option 2 ID : 75189754799

Option 3 ID : 75189754800

Option 4 ID : 75189754797

Status : Answered

Chosen Option : 1

Q.17 Study the given table and answer the following question.

	Distance travelled (in km) by	
	Train A	Train B
Day 1	362	480
Day 2	282	596
Day 3	421	640

What was the average of the distance travelled (in km) by Train A on the given three days?

- Ans
- 1. 345
 - 2. 356
 - 3. 336
 - 4. 355

Question ID : 75189712745
Option 1 ID : 75189750978
Option 2 ID : 75189750979
Option 3 ID : 75189750977
Option 4 ID : 75189750980
Status : Answered
Chosen Option : 4

Q.18 Which of the following statements is correct about striated muscles?

- Ans
- 1. Cells are long, cylindrical, non-tapering and are unbranched
 - 2. Prominent light and dark bands are present
 - 3. Cells are long with tapering ends and are unbranched
 - 4. Cells are non-tapering and cylindrical in shape and are branched

Question ID : 75189712575
Option 1 ID : 75189750297
Option 2 ID : 75189750300
Option 3 ID : 75189750298
Option 4 ID : 75189750299
Status : Answered
Chosen Option : 3

Q.19 Where do mangroves flourish?

- Ans
- 1. Hills
 - 2. Marshes
 - 3. Coastal areas
 - 4. Deserts

Question ID : 75189712162
Option 1 ID : 75189748646
Option 2 ID : 75189748648
Option 3 ID : 75189748645
Option 4 ID : 75189748647
Status : Answered
Chosen Option : 2

Q.20 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.

Only one person lives below E. A does not live on the topmost floor. Only three people live between A and C. C lives below A. D lives immediately above B. Who lives immediately above A?

- Ans
- 1. B
 - 2. D
 - 3. E
 - 4. F

Question ID : 75189713157
Option 1 ID : 75189752628
Option 2 ID : 75189752626
Option 3 ID : 75189752627
Option 4 ID : 75189752625
Status : Answered
Chosen Option : 4

Q.21 Which of the following is a symptom of Beriberi?

- Ans
- 1. Poor skin health and swollen belly
 - 2. Weak teeth and bleeding gums
 - 3. Poor vision or partial blindness
 - 4. Weak muscles and low energy

Question ID : 75189710088
Option 1 ID : 75189740351
Option 2 ID : 75189740350
Option 3 ID : 75189740349
Option 4 ID : 75189740352
Status : Answered
Chosen Option : 1

Q.22 Express $1.\bar{2}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

- Ans
- 1. $\frac{4}{3}$
 - 2. $\frac{13}{9}$
 - 3. $\frac{10}{9}$
 - 4. $\frac{11}{9}$

Question ID : 75189712911
Option 1 ID : 75189751643
Option 2 ID : 75189751644
Option 3 ID : 75189751641
Option 4 ID : 75189751642
Status : Answered
Chosen Option : 4

Q.23 Extremely severe cyclonic storm 'Fani' hit Odisha in the year:

- Ans
- 1. 2020
 - 2. 2018
 - 3. 2019
 - 4. 2017

Question ID : 75189712502
Option 1 ID : 75189750008
Option 2 ID : 75189750006
Option 3 ID : 75189750007
Option 4 ID : 75189750005
Status : Not Answered
Chosen Option : --

Q.24 'Kendriya Hindi Sansthan' has head office at which place as on July 2022?

- Ans
- 1. Varanasi
 - 2. Prayagraj
 - 3. New Delhi
 - 4. Agra

Question ID : 75189712366
Option 1 ID : 75189749464
Option 2 ID : 75189749463
Option 3 ID : 75189749461
Option 4 ID : 75189749462
Status : Answered
Chosen Option : 2

Q.25 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 is not allowed)
(24, 42)
(36, 63)

- Ans**
- 1. 52, 91
 - 2. 40, 82
 - 3. 48, 96
 - 4. 36, 91

Question ID : 75189710932

Option 1 ID : 75189743728

Option 2 ID : 75189743727

Option 3 ID : 75189743725

Option 4 ID : 75189743726

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.26 Six friends, A, B, C, D, E, and F are sitting around a circular table facing the centre. C is the immediate neighbour of A and E. F is second to the right of C and third to the left of A. If B is second to the left of C, where is D seated?

- Ans**
- 1. Fourth to the right of C
 - 2. Third to the right of E
 - 3. Second to the left of A
 - 4. Second to the left of B

Question ID : 75189714892

Option 1 ID : 75189759567

Option 2 ID : 75189759568

Option 3 ID : 75189759565

Option 4 ID : 75189759566

Status : **Answered**

Chosen Option : 3

Q.27 A trader claims to sell rice at a profit of 25%, but also dishonestly uses a weight which is 15% less than what is mentioned on it. Find the total percentage of profit earned by the trader. (Round the answer to the nearest whole number.)

- Ans**
- 1. 57%
 - 2. 50%
 - 3. 49%
 - 4. 47%

Question ID : 75189713314

Option 1 ID : 75189753253

Option 2 ID : 75189753254

Option 3 ID : 75189753255

Option 4 ID : 75189753256

Status : **Answered**

Chosen Option : 4

Q.28 How many 6s are there in the following sequence each of which is NOT immediately preceded by 3 but immediately followed by 3?

8 6 3 6 4 8 6 8 1 8 6 3 6 5 4 8 6 2 4 3 6 8 6 9 8 8 6 4 6 9

- Ans**
- 1. Two
 - 2. Four
 - 3. Six
 - 4. Five

Question ID : 75189713585
Option 1 ID : 75189754339
Option 2 ID : 75189754338
Option 3 ID : 75189754340
Option 4 ID : 75189754337
Status : Answered
Chosen Option : 1

Q.29 Why is HIV spread through sexual contact?

- Ans**
- 1. Blood is mixed during sexual contact
 - 2. Viral particles are abundant in seminal fluids
 - 3. The virus lives inside sperms
 - 4. The virus is present in the skin of sex organs

Question ID : 75189712283
Option 1 ID : 75189749132
Option 2 ID : 75189749130
Option 3 ID : 75189749129
Option 4 ID : 75189749131
Status : Answered
Chosen Option : 4

Q.30 The position of how many letters will remain unchanged if each of the letters in the word 'NOTED' is arranged in alphabetical order?

- Ans**
- 1. Four
 - 2. Three
 - 3. Five
 - 4. None

Question ID : 75189711527
Option 1 ID : 75189746107
Option 2 ID : 75189746106
Option 3 ID : 75189746108
Option 4 ID : 75189746105
Status : Answered
Chosen Option : 4

Q.31 The power of Parliament to amend the Constitution of India is a constitutive power established in the:

- Ans
- 1. Twenty-Fourth Amendment Act
 - 2. Forty-Fourth Amendment Act
 - 3. Forty-Second Amendment Act
 - 4. Twenty-Sixth Amendment Act

Question ID : 75189712533
Option 1 ID : 75189750129
Option 2 ID : 75189750132
Option 3 ID : 75189750131
Option 4 ID : 75189750130
Status : Answered
Chosen Option : 3

Q.32 Which of the following numbers will replace the question mark (?) in the given series?

8 ? 4 6 12 30

- Ans
- 1. 4
 - 2. 8
 - 3. 6
 - 4. 2

Question ID : 75189712707
Option 1 ID : 75189750827
Option 2 ID : 75189750828
Option 3 ID : 75189750825
Option 4 ID : 75189750826
Status : Answered
Chosen Option : 1

Q.33 Raju's sister is 6 years older than Raju. If his sister's age is 38 years, then find Raju's age?

- Ans
- 1. 23 years
 - 2. 32 years
 - 3. 28 years
 - 4. 30 years

Question ID : 75189713002
Option 1 ID : 75189752006
Option 2 ID : 75189752007
Option 3 ID : 75189752005
Option 4 ID : 75189752008
Status : Answered
Chosen Option : 2

Q.34 Which Article of the Constitution of India lays down that the State shall take steps to organise village panchayats and endow them with such powers and authority as may be necessary to enable them to function as units of self-government?

- Ans**
- 1. Article 44
 - 2. Article 41
 - 3. Article 42
 - 4. Article 40

Question ID : 75189714074
Option 1 ID : 75189756296
Option 2 ID : 75189756294
Option 3 ID : 75189756295
Option 4 ID : 75189756293
Status : Answered
Chosen Option : 4

Q.35 Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

OSU, L7S, H0Q, F14O, ?

- Ans**
- 1. D19N
 - 2. D20N
 - 3. C19M
 - 4. C20N

Question ID : 7518978981
Option 1 ID : 75189735921
Option 2 ID : 75189735922
Option 3 ID : 75189735924
Option 4 ID : 75189735923
Status : Answered
Chosen Option : 3

Q.36 If p and q are the roots of $x^2 + 4x - 21 = 0$ and $p < q$, then the quadratic equation in x whose roots are $(p - 1)$ and $(q + 1)$ is:

- Ans**
- 1. $x^2 + 6x + 16 = 0$
 - 2. $x^2 + 6x - 16 = 0$
 - 3. $x^2 + 4x - 32 = 0$
 - 4. $x^2 + 4x + 32 = 0$

Question ID : 75189712845
Option 1 ID : 75189751379
Option 2 ID : 75189751380
Option 3 ID : 75189751378
Option 4 ID : 75189751377
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.37 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

YVQ : TQL
WKG : RFB

- Ans**
- 1. SIY : NDT
 - 2. DUR : APM
 - 3. FHL : CIU
 - 4. QHK : JSP

Question ID : 75189714931
Option 1 ID : 75189759723
Option 2 ID : 75189759722
Option 3 ID : 75189759724
Option 4 ID : 75189759721
Status : Answered
Chosen Option : 1

Q.38 If the forefinger indicates the direction of magnetic field and the thumb shows the direction of motion of a conductor, then the middle finger will show the direction of induced current, when the thumb, forefinger and middle finger are stretched perpendicular to each other. This is called _____.

- Ans**
- 1. right hand thumb rule
 - 2. Fleming's left hand rule
 - 3. cork screw rule
 - 4. Fleming's right hand rule

Question ID : 75189713901
Option 1 ID : 75189755603
Option 2 ID : 75189755601
Option 3 ID : 75189755604
Option 4 ID : 75189755602
Status : Answered

Chosen Option : 1

Q.39 If each of the digits in the number 25731640 is arranged in descending order, the position of how many digits will remain unchanged as compared to that in the original number?

- Ans**
- 1. None
 - 2. One
 - 3. Two
 - 4. Three

Question ID : 75189713718
Option 1 ID : 75189754870
Option 2 ID : 75189754869
Option 3 ID : 75189754872
Option 4 ID : 75189754871
Status : Answered
Chosen Option : 2

Q.40 Which of the following minerals help crops withstand pests?

- Ans
- 1. Calcium, Potassium and Sodium
 - 2. Sodium, Calcium and Magnesium
 - 3. Potassium, Calcium and Magnesium
 - 4. Magnesium, Iron and Boron

Question ID : 7518974328
Option 1 ID : 75189717311
Option 2 ID : 75189717310
Option 3 ID : 75189717309
Option 4 ID : 75189717312
Status : Answered
Chosen Option : 1

Q.41 Indira point is located in the southern part of which of the following islands?

- Ans
- 1. Car Nicobar island
 - 2. Little Andaman island
 - 3. Middle Andaman island
 - 4. Great Nicobar island

Question ID : 75189710472
Option 1 ID : 75189741887
Option 2 ID : 75189741885
Option 3 ID : 75189741888
Option 4 ID : 75189741886
Status : Answered
Chosen Option : 4

Q.42 The height of a right circular cylinder is 23 cm and circumference of its base is 77 cm. What is its curved surface area?

- Ans
- 1. 2014 cm²
 - 2. 1771 cm²
 - 3. 1979 cm²
 - 4. 1823 cm²

Question ID : 75189712865
Option 1 ID : 75189751460
Option 2 ID : 75189751457
Option 3 ID : 75189751459
Option 4 ID : 75189751458
Status : Answered
Chosen Option : 2

Q.43 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:

1. Some cheese are custards.
2. All milk are cheese.
3. Some curds are cheese.

Conclusions:

- I-All cheese are milk.
II- Some custards are cheese.

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

Question ID : 75189714188

Option 1 ID : 75189756752

Option 2 ID : 75189756750

Option 3 ID : 75189756751

Option 4 ID : 75189756749

Status : Answered

Chosen Option : 2

Q.44 Festival lights in buildings are an example of _____.

- Ans**
- 1. a series circuit
 - 2. electromagnetic induction
 - 3. magnetic effect
 - 4. a parallel circuit

Question ID : 75189713816

Option 1 ID : 75189755261

Option 2 ID : 75189755262

Option 3 ID : 75189755264

Option 4 ID : 75189755263

Status : Answered

Chosen Option : 2

Q.45 On selling an article X at a loss of 10% and an article Y at a gain of 15%, a man gains ₹7. If he had sold article X at a gain of 12% and article Y at a gain of 5%, he would have gained ₹10. What is the total original cost price (in ₹) of X and Y?

- Ans**
- 1. 125
 - 2. 120
 - 3. 140
 - 4. 130

Question ID : 75189712645

Option 1 ID : 75189750578

Option 2 ID : 75189750577

Option 3 ID : 75189750580

Option 4 ID : 75189750579

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.46 In macroeconomic analysis, the ratio of the total increment in equilibrium value of final goods output to the initial increment in autonomous expenditure is called the _____ of the economy.

- Ans
- 1. consumption multiplier
 - 2. income multiplier
 - 3. investment multiplier
 - 4. savings multiplier

Question ID : 75189712383
Option 1 ID : 75189749530
Option 2 ID : 75189749531
Option 3 ID : 75189749529
Option 4 ID : 75189749532
Status : Not Answered
Chosen Option : --

Q.47 What is the primary reason that river Ganga is called an endangered river?

- Ans
- 1. The water is not potable
 - 2. Aquatic life is diminishing
 - 3. There are too many dams on it
 - 4. The river is drying up

Question ID : 75189712309
Option 1 ID : 75189749235
Option 2 ID : 75189749234
Option 3 ID : 75189749236
Option 4 ID : 75189749233
Status : Answered
Chosen Option : 2

Q.48 If in a parallelogram ABCD, E and F are points on the diagonal AC such that $\overline{AE} = \overline{FC}$, then quadrilateral BEDF is a:

- Ans
- 1. trapezium, but not a parallelogram
 - 2. rectangle
 - 3. square
 - 4. parallelogram

Question ID : 75189712880
Option 1 ID : 75189751518
Option 2 ID : 75189751520
Option 3 ID : 75189751517
Option 4 ID : 75189751519
Status : Not Attempted and
Marked For Review
Chosen Option : --

Q.49 Which of the following elements is a metal?

- Ans
- 1. Si
 - 2. B
 - 3. C
 - 4. Fe

Question ID : 7518979687
Option 1 ID : 75189738748
Option 2 ID : 75189738745
Option 3 ID : 75189738746
Option 4 ID : 75189738747
Status : Answered
Chosen Option : 4

Q.50 Read the given statement(s) and conclusions carefully and decide which of the conclusions logically follow(s) on basis of the statement(s).

Statements: $B < D$, $C = E$, $F > D$, $E < G$, $K = G$, $C < F$

Conclusions:

- 1. $G > C$
- 2. $G < C$

- Ans
- 1. Only conclusion 1 follows.
 - 2. Both conclusions 1 and 2 follow.
 - 3. Neither conclusion 1 nor 2 follows.
 - 4. Only conclusion 2 follows.

Question ID : 75189713089
Option 1 ID : 75189752353
Option 2 ID : 75189752355
Option 3 ID : 75189752356
Option 4 ID : 75189752354
Status : Answered
Chosen Option : 1

Q.51 Law of Octaves became irrelevant after the discovery of:

- Ans
- 1. isotopes
 - 2. fullerene
 - 3. radioactivity
 - 4. noble gases

Question ID : 7518979678
Option 1 ID : 75189738712
Option 2 ID : 75189738711
Option 3 ID : 75189738709
Option 4 ID : 75189738710
Status : Answered
Chosen Option : 1

Q.52 A person 1.75 m tall casts a 2 m shadow. At the same instance, a lamp-post casts a shadow of 6.4 m. The height of the lamp-post is:

- Ans**
- 1. 5.6 m
 - 2. 5.9 m
 - 3. 5.7 m
 - 4. 5.8 m

Question ID : 75189712878
Option 1 ID : 75189751509
Option 2 ID : 75189751512
Option 3 ID : 75189751510
Option 4 ID : 75189751511
Status : Answered
Chosen Option : 1

Q.53 If three metallic spheres of radii 3 cm, 4 cm and 5 cm respectively are melted to form a single sphere, then what will be the volume of the new sphere? [Use $\pi = \frac{22}{7}$]

- Ans**
- 1. $905\frac{1}{7} \text{ cm}^3$
 - 2. $675\frac{3}{7} \text{ cm}^3$
 - 3. $825\frac{2}{7} \text{ cm}^3$
 - 4. $345\frac{5}{7} \text{ cm}^3$

Question ID : 75189712860
Option 1 ID : 75189751437
Option 2 ID : 75189751439
Option 3 ID : 75189751438
Option 4 ID : 75189751440
Status : Answered
Chosen Option : 1

Q.54 A, B, C, D, E and F are sitting around a circular table facing the centre. B is sitting third to the right of F. F is an immediate neighbour of both C and A. C sits second to the right of B. D is not the immediate neighbour of C. Who is sitting to the immediate left of E?

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

Question ID : 75189714452
Option 1 ID : 75189757806
Option 2 ID : 75189757807
Option 3 ID : 75189757808
Option 4 ID : 75189757805
Status : Answered
Chosen Option : 3

Q.55 100 eggs were purchased for ₹100. 12 eggs broke in transit. The trader sold the remaining eggs at ₹1.20 per egg. Find his profit.

- Ans**
- 1. ₹7.60
 - 2. ₹5.60
 - 3. ₹17.60
 - 4. ₹15.60

Question ID : 75189712966
Option 1 ID : 75189751861
Option 2 ID : 75189751864
Option 3 ID : 75189751862
Option 4 ID : 75189751863
Status : Answered
Chosen Option : 2

Q.56 Find the median of the below data.

2, 6, 5, 2, 4, 9, 6, 2, 6, 4, 10, 12, 6, 3, 4, 9

- Ans**
- 1. 4.5
 - 2. 5
 - 3. 5.5
 - 4. 6

Question ID : 75189713348
Option 1 ID : 75189753389
Option 2 ID : 75189753391
Option 3 ID : 75189753392
Option 4 ID : 75189753390
Status : Answered
Chosen Option : 3

Q.57 The phenomena behind the working of an electric oven is _____.

- Ans**
- 1. induced voltage
 - 2. induced current
 - 3. electromagnetic induction
 - 4. Joule's heating effect

Question ID : 75189713817
Option 1 ID : 75189755268
Option 2 ID : 75189755267
Option 3 ID : 75189755266
Option 4 ID : 75189755265
Status : Answered
Chosen Option : 4

Q.58 This question consists of a statement followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement – Prices of tomatoes in Kerala will rise sharply as many trucks carrying them from other states have been stopped at the border

- I. Tomatoes are mostly brought to Kerala from outside.
- II. The quantity of tomatoes grown in Kerala is not enough to meet the demand in the state.

- Ans**
- 1. I weakens while II strengthens the statement
 - 2. II weakens while I strengthens the statement
 - 3. Both I and II strengthen the statement
 - 4. Both I and II weaken the statement

Question ID : 75189713169

Option 1 ID : 75189752673

Option 2 ID : 75189752674

Option 3 ID : 75189752676

Option 4 ID : 75189752675

Status : Answered

Chosen Option : 3

Q.59 Azim borrowed a certain sum which amounted to ₹19,800 in 36 months at 12.5% per annum simple interest. What is the borrowed sum?

- Ans**
- 1. ₹14,400
 - 2. ₹13,600
 - 3. ₹9,600
 - 4. ₹12,800

Question ID : 75189713424

Option 1 ID : 75189753694

Option 2 ID : 75189753695

Option 3 ID : 75189753696

Option 4 ID : 75189753693

Status : Answered

Chosen Option : 1

Q.60 In a certain code language, 'SMART' is written as 'VKDPW' and 'FRAUD' is written as 'IPDSG'. How will 'PURGE' be written in that language?

- Ans**
- 1. QTSFF
 - 2. RWTIG
 - 3. RSTEG
 - 4. SSUEH

Question ID : 75189714483

Option 1 ID : 75189757930

Option 2 ID : 75189757931

Option 3 ID : 75189757932

Option 4 ID : 75189757929

Status : Answered

Chosen Option : 4

Q.61 Which part of the Constitution of India deals with rights of citizenship of certain persons who have migrated to India from Pakistan?

- Ans**
- 1. PART IV
 - 2. PART II
 - 3. PART III
 - 4. PART I

Question ID : 75189712512

Option 1 ID : 75189750048

Option 2 ID : 75189750046

Option 3 ID : 75189750047

Option 4 ID : 75189750045

Status : Answered

Chosen Option : 2

Q.62 A certain number of people are sitting in a row, facing north. No one is sitting to the right of E. Only two people are sitting to the left of B. D is sitting third to the right of B. Only four people are seated between B and F. Only eight people are seated between D and C. E is seated second to the right of C. If no other person is sitting in the row, what is the total number of persons seated?

- Ans**
- 1. 17
 - 2. 22
 - 3. 21
 - 4. 16

Question ID : 75189713492

Option 1 ID : 75189753967

Option 2 ID : 75189753966

Option 3 ID : 75189753968

Option 4 ID : 75189753965

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.63 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 condition is your answer.

Number/Symbol	/	#	9	7	@	%	>	2	!	?	6	4	<	=
Code	D	F	T	J	N	G	E	X	V	W	K	U	P	Z

Conditions:

- (i) If the first element is a number and the last a symbol, the codes for these two are to be interchanged.
- (ii) If the first element is an odd number and the last an even number, the first and the last elements are to be coded as O.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

How will ' $< 9 4 \# 2$ ' be coded?

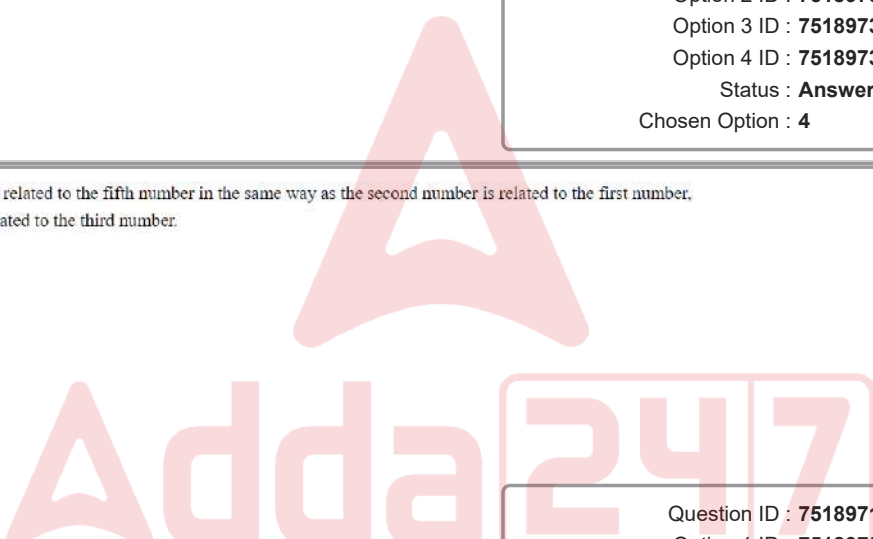
- Ans
- 1. PTUFX
 - 2. PTPFV
 - 3. PUUFX
 - 4. PTTFX

Question ID : 7518977683
 Option 1 ID : 75189730729
 Option 2 ID : 75189730732
 Option 3 ID : 75189730730
 Option 4 ID : 75189730731
 Status : Answered
 Chosen Option : 4

Q.64 Select the option that is related to the fifth number in the same way as the second number is related to the first number, the fourth number is related to the third number.

48 : 5 :: 96 : 7 :: 6 : ?

- Ans
- 1. 36
 - 2. 10
 - 3. 4
 - 4. 2



Question ID : 75189713234
 Option 1 ID : 75189752933
 Option 2 ID : 75189752935
 Option 3 ID : 75189752936
 Option 4 ID : 75189752934
 Status : Answered
 Chosen Option : 4

Q.65 If a and b are the roots of the equation $x^2 - 5x - 6 = 0$, then the value of $(a - b)^2$ is:

- Ans
- 1. 24
 - 2. 49
 - 3. 18
 - 4. 25

Question ID : 75189712851
 Option 1 ID : 75189751403
 Option 2 ID : 75189751402
 Option 3 ID : 75189751404
 Option 4 ID : 75189751401
 Status : Answered
 Chosen Option : 2

Q.66 Two trains of equal length are running on parallel lines in the same direction at speeds of 36 km/h and 26 km/h. The faster train passes the slower train in 18 seconds. The length of each train is:

- Ans**
- 1. 50 metres
 - 2. 25 metres
 - 3. 75 metres
 - 4. 70 metres

Question ID : 75189712977
Option 1 ID : 75189751907
Option 2 ID : 75189751908
Option 3 ID : 75189751905
Option 4 ID : 75189751906
Status : Answered
Chosen Option : 2

Q.67 When a number is divided by 15, it leaves a remainder of 3. If the same number is divided by 17, the remainder is 11. Which of the options below gives such a number?

- Ans**
- 1. 198
 - 2. 185
 - 3. 190
 - 4. 183

Question ID : 75189712917
Option 1 ID : 75189751668
Option 2 ID : 75189751666
Option 3 ID : 75189751667
Option 4 ID : 75189751665
Status : Answered
Chosen Option : 1

Q.68 Simplify the following.

$$0.\bar{1} + 0.\bar{5}$$

- Ans**
- 1. $\frac{4}{9}$
 - 2. $\frac{1}{90}$
 - 3. $\frac{1}{9}$
 - 4. $\frac{2}{3}$

Question ID : 75189713266
Option 1 ID : 75189753063
Option 2 ID : 75189753061
Option 3 ID : 75189753064
Option 4 ID : 75189753062
Status : Answered
Chosen Option : 4

Q.69 Which of the following allotropes of carbon is a good conductor of electricity?

- Ans
- 1. Charcoal
 - 2. Fullerene
 - 3. Graphite
 - 4. Diamond

Question ID : 75189714648

Option 1 ID : 75189758591

Option 2 ID : 75189758589

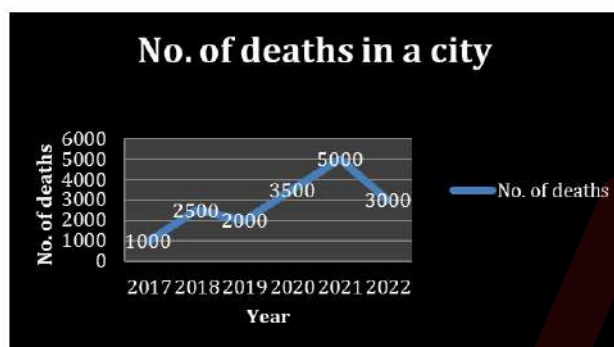
Option 3 ID : 75189758590

Option 4 ID : 75189758592

Status : Answered

Chosen Option : 3

Q.70 The given line graph shows the number of deaths in a city from the year 2017 to 2022. Study the graph and answer the question that follows.



What is the approximate percentage decrease in deaths from 2021 to 2022 and increase in deaths from 2020 to 2021, respectively?

- Ans
- 1. 32.93% and 30%
 - 2. 40% and 42.83%
 - 3. 42.83% and 40%
 - 4. 30% and 32.93%

Question ID : 75189713725

Option 1 ID : 75189754900

Option 2 ID : 75189754898

Option 3 ID : 75189754899

Option 4 ID : 75189754897

Status : Answered

Chosen Option : 2

Q.71 Which of the following is an example of a combination reaction between two compounds to form new compound?

- Ans
- 1. Formation of calcium hydroxide
 - 2. Formation of carbon dioxide
 - 3. Formation of ammonia
 - 4. Formation of water

Question ID : 75189715082

Option 1 ID : 75189760328

Option 2 ID : 75189760327

Option 3 ID : 75189760325

Option 4 ID : 75189760326

Status : Answered

Chosen Option : 4

Q.72 A normal adult human being produces _____ mL per day of urine daily.

- Ans
- 1. 100 – 200
 - 2. 10000 – 20000
 - 3. 10 – 20
 - 4. 1000 – 2000

Question ID : 75189712275
Option 1 ID : 75189749098
Option 2 ID : 75189749100
Option 3 ID : 75189749097
Option 4 ID : 75189749099
Status : Answered
Chosen Option : 4

Q.73 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some pliers are levers
All levers are ramps
Some cutters are pliers.

Conclusions:

(I) Some cutters are levers
(II) Some ramps are cutters
(III) All pliers are ramps

- Ans
- 1. Either conclusion I or III follows
 - 2. Only conclusion II follows
 - 3. Only conclusion I follows
 - 4. None of the conclusions follow

Question ID : 75189714526
Option 1 ID : 75189758103
Option 2 ID : 75189758102
Option 3 ID : 75189758101
Option 4 ID : 75189758104
Status : Answered
Chosen Option : 4

Q.74 A curve that joins all points representing bundles which are considered indifferent by the consumer is called a/an _____.

- Ans
- 1. indifference curve
 - 2. utility curve
 - 3. consumer curve
 - 4. marginal curve

Question ID : 75189712461
Option 1 ID : 75189749841
Option 2 ID : 75189749844
Option 3 ID : 75189749842
Option 4 ID : 75189749843
Status : Not Answered
Chosen Option : --

Q.75 Which of the following is a private sector bank in India?

- Ans
- 1. Bank of Baroda
 - 2. UCO Bank
 - 3. Punjab National Bank
 - 4. Federal Bank

Question ID : 75189712479
Option 1 ID : 75189749916
Option 2 ID : 75189749914
Option 3 ID : 75189749915
Option 4 ID : 75189749913
Status : Answered
Chosen Option : 2

Q.76 The thick white and yellowish clouds of the planet Venus are made up of which of the following acids?

- Ans
- 1. Sulphuric acid
 - 2. Nitric acid
 - 3. Hydrochloric acid
 - 4. Acetic acid

Question ID : 75189712795
Option 1 ID : 75189751180
Option 2 ID : 75189751179
Option 3 ID : 75189751178
Option 4 ID : 75189751177
Status : Answered
Chosen Option : 3

Q.77 In the evening, a person was standing such that his shadow was to his left. In which direction was he facing?

- Ans
- 1. West
 - 2. South
 - 3. North
 - 4. East

Question ID : 75189713220
Option 1 ID : 75189752878
Option 2 ID : 75189752880
Option 3 ID : 75189752879
Option 4 ID : 75189752877
Status : Answered
Chosen Option : 2

Q.78 A concave mirror forms a real image of three times the size of an object on a screen. The object and screen are then moved until the image is six times the size of the object. If the shift of the screen is 39 cm, then the focal length of the mirror is:

- Ans**
- 1. 26 cm
 - 2. 10 cm
 - 3. 13 cm
 - 4. 39 cm

Question ID : 75189712190

Option 1 ID : 75189748759

Option 2 ID : 75189748757

Option 3 ID : 75189748758

Option 4 ID : 75189748760

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.79 Which of the following is/are correct with respect to the reflection by spherical mirrors?

- (a) A concave mirror will diverge the rays of light if the object is placed between the pole and the focus.
- (b) A convex mirror can converge a beam of rays.

- Ans**
- 1. (a) is only correct
 - 2. (b) is only correct
 - 3. Both (a) and (b) are incorrect
 - 4. (a) and (b) both are correct

Question ID : 75189714503

Option 1 ID : 75189758009

Option 2 ID : 75189758010

Option 3 ID : 75189758012

Option 4 ID : 75189758011

Status : **Answered**

Chosen Option : 3

Q.80 How many such pairs of letters are there in the word 'ADVERSE' (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

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

Question ID : 7518977654

Option 1 ID : 75189730616

Option 2 ID : 75189730614

Option 3 ID : 75189730615

Option 4 ID : 75189730613

Status : **Answered**

Chosen Option : 3

Q.81 In which sports, Amit Panghal won a gold medal in Commonwealth Games 2022?

- Ans
- 1. Wrestling
 - 2. Judo
 - 3. Athletics
 - 4. Boxing

Question ID : 75189712564
Option 1 ID : 75189750254
Option 2 ID : 75189750253
Option 3 ID : 75189750256
Option 4 ID : 75189750255
Status : Not Answered
Chosen Option : --

Q.82 Simplify the given expression.

$$\frac{\sqrt{2187} \times \sqrt{432}}{\sqrt{324}}$$

- Ans
- 1. 48
 - 2. 56
 - 3. 42
 - 4. 54

Question ID : 75189712595
Option 1 ID : 75189750378
Option 2 ID : 75189750380
Option 3 ID : 75189750377
Option 4 ID : 75189750379
Status : Answered
Chosen Option : 4

Q.83 In case of an alternating current, _____.

- Ans
- 1. the direction of current changes but magnitude is constant
 - 2. the direction of current as well as magnitude changes with time
 - 3. the direction of current is same but the magnitude changes with time
 - 4. the direction of current as well as magnitude of current does not change with time

Question ID : 75189713893
Option 1 ID : 75189755571
Option 2 ID : 75189755570
Option 3 ID : 75189755572
Option 4 ID : 75189755569
Status : Not Answered
Chosen Option : --

Q.84 If '+' means '×', '×' means '+', '+' means '-', and '-' means '+', then what will be the value of the given expression?

$$93 - 91 \times 7 + 8 + 3$$

- Ans**
- 1. 89
 - 2. 194
 - 3. 198
 - 4. 201

Question ID : 75189713661
Option 1 ID : 75189754643
Option 2 ID : 75189754642
Option 3 ID : 75189754644
Option 4 ID : 75189754641
Status : Answered
Chosen Option : 2

Q.85 If a 12 V power supply supplies a power of 24 W to a bulb, then the power supplied would be when connected to a 6 V supply:

- Ans**
- 1. 9W
 - 2. 18W
 - 3. 12W
 - 4. 6W

Question ID : 75189711302
Option 1 ID : 75189745208
Option 2 ID : 75189745206
Option 3 ID : 75189745205
Option 4 ID : 75189745207
Status : Answered
Chosen Option : 3

Q.86 The teachings of Mahavira and his followers were written down about 1500 years ago in the form in which they are presently available at which place?

- Ans**
- 1. Pawapuri in Bihar
 - 2. Valabhi in Gujarat
 - 3. Lachhuar in Bihar
 - 4. Vaishali in Bihar

Question ID : 75189712375
Option 1 ID : 75189749499
Option 2 ID : 75189749500
Option 3 ID : 75189749498
Option 4 ID : 75189749497
Status : Answered
Chosen Option : 1

Q.87 If α is an acute angle and $\tan^2 \alpha - \sec \alpha = 19$, then the value of $\cos \alpha$ is:

- Ans
- 1. $\frac{2}{3}$
 - 2. $\frac{1}{5}$
 - 3. $\frac{1}{4}$
 - 4. $\frac{1}{2}$

Question ID : 75189712887
Option 1 ID : 75189751545
Option 2 ID : 75189751546
Option 3 ID : 75189751547
Option 4 ID : 75189751548
Status : Answered
Chosen Option : 2

Q.88 Five friends have their interview on different dates in the month February of a leap year. All have their interviews on even dates. There are exactly five days gap between each interview. On which date does the first person will have the interview, if none of them have their interview on 28th February?

- Ans
- 1. 4th
 - 2. 2nd
 - 3. 6th
 - 4. 8th

Question ID : 75189713595
Option 1 ID : 75189754380
Option 2 ID : 75189754379
Option 3 ID : 75189754378
Option 4 ID : 75189754377
Status : Answered
Chosen Option : 2

Q.89 Who among the following was one of the recipients of the Nobel Prize in Physics 2021?

- Ans
- 1. David Julius
 - 2. Dmitry Muratov
 - 3. Syukuro Manabe
 - 4. Maria Ressa

Question ID : 75189710515
Option 1 ID : 75189742060
Option 2 ID : 75189742057
Option 3 ID : 75189742058
Option 4 ID : 75189742059
Status : Answered
Chosen Option : 1

Q.90 In which city was Jawaharlal Nehru born?

- Ans
- 1. Lucknow
 - 2. Delhi
 - 3. Allahabad
 - 4. Srinagar

Question ID : 75189712123
Option 1 ID : 75189748490
Option 2 ID : 75189748489
Option 3 ID : 75189748491
Option 4 ID : 75189748492
Status : Not Answered
Chosen Option : --

Q.91 Refer to the following number series and answer the question that follows.

(left) 3 7 9 2 1 5 3 9 2 6 5 8 7 9 1 3 5 9 4 6 (right)

Which is the eighth digit to the left of the twelfth digit from the left end of the series?

- Ans
- 1. 5
 - 2. 9
 - 3. 1
 - 4. 2

Question ID : 75189713935
Option 1 ID : 75189755740
Option 2 ID : 75189755738
Option 3 ID : 75189755739
Option 4 ID : 75189755737
Status : Answered
Chosen Option : 4

Q.92 A ray of light is travelling from medium A to medium B. The incident ray makes an angle 75° with respect to the normal, and the refracted ray makes an angle 40° with respect to the normal. The refractive index of the medium A relative to the medium B is:

- Ans
- 1. 0.67
 - 2. 1.34
 - 3. 1.50
 - 4. 0.87

Question ID : 75189711273
Option 1 ID : 75189745090
Option 2 ID : 75189745091
Option 3 ID : 75189745089
Option 4 ID : 75189745092
Status : Not Answered
Chosen Option : --

Q.93 The simplest form of the ratio 722 : 1083 is:

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

Question ID : 75189713292
Option 1 ID : 75189753165
Option 2 ID : 75189753168
Option 3 ID : 75189753166
Option 4 ID : 75189753167
Status : Answered
Chosen Option : 3

Q.94 Which of the following numbers will replace the question mark (?) in the given number series?

35, 34, 36, 33, 37, ?

- Ans
- 1. 32
 - 2. 42
 - 3. 34
 - 4. 41

Question ID : 75189713641
Option 1 ID : 75189754562
Option 2 ID : 75189754564
Option 3 ID : 75189754563
Option 4 ID : 75189754561
Status : Answered
Chosen Option : 1

Q.95 What is the major aim of the INSPIRE Awards 'MANAK' being executed by the Department of Science and Technology, Government of India?

- Ans
- 1. To motivate scientists for technological development
 - 2. To motivate farmers who are doing commercial agriculture
 - 3. To motivate scientists for space related research
 - 4. To motivate students studying in classes 6 to 10

Question ID : 75189712441
Option 1 ID : 75189749763
Option 2 ID : 75189749761
Option 3 ID : 75189749764
Option 4 ID : 75189749762
Status : Not Answered
Chosen Option : --

Q.96 The police of which of the following States developed an app called 'Disha' for women's safety in February 2020?

- Ans**
- 1. Andhra Pradesh
 - 2. Uttarakhand
 - 3. Goa
 - 4. Punjab

Question ID : 75189715075
Option 1 ID : 75189760300
Option 2 ID : 75189760299
Option 3 ID : 75189760297
Option 4 ID : 75189760298
Status : Not Answered
Chosen Option : --

Q.97 The population of a city increased by 10% in 2020 and then decreased by 8% in 2021. Find the percentage change in the population of the city at the end of 2021 with respect to its population at the beginning of 2020.

- Ans**
- 1. 0.9% increase
 - 2. 1.2% increase
 - 3. 0.9% decrease
 - 4. 1.2% decrease

Question ID : 75189712938
Option 1 ID : 75189751750
Option 2 ID : 75189751752
Option 3 ID : 75189751749
Option 4 ID : 75189751751
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.98 Which state government's forest department recognised its failures in reviving the degraded Sal forests in the south-western districts of the state

- Ans**
- 1. Odisha
 - 2. West Bengal
 - 3. Rajasthan
 - 4. Madhya Pradesh

Question ID : 75189710292
Option 1 ID : 75189741166
Option 2 ID : 75189741165
Option 3 ID : 75189741168
Option 4 ID : 75189741167
Status : Answered
Chosen Option : 3

Q.99 The product of the LCM and the HCF of two numbers is 270. If one of the numbers is 18, find the other number:

- Ans**
- 1. 15
 - 2. 30
 - 3. 20
 - 4. 27

Question ID : 75189712932
Option 1 ID : 75189751725
Option 2 ID : 75189751726
Option 3 ID : 75189751727
Option 4 ID : 75189751728
Status : Answered
Chosen Option : 1

Q.100 Each of six sports persons, Falak, Bala, Remi, Rekha, Priya and Pallavi, has a different weight. Rekha is heavier than only Falak and Remi but lighter than Bala and Priya. Pallavi is the heaviest. Priya is heavier than Bala and Falak is heavier than Remi. Who is the lightest among all the sports persons?

- Ans**
- 1. Bala
 - 2. Renu
 - 3. Priya
 - 4. Falak

Question ID : 75189711508
Option 1 ID : 75189746029
Option 2 ID : 75189746031
Option 3 ID : 75189746032
Option 4 ID : 75189746030
Status : Answered
Chosen Option : 2