



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	Arya Institute of Engineering and Technology
Test Date	14/09/2022
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.

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 : Level 1

Q.1 Where was the final match of Indian Premier League (IPL) 2022 played?

- Ans
- ☒ 1. Green Park Stadium, Kanpur
 - ☒ 2. M Chinnaswamy Stadium, Bengaluru
 - ☒ 3. Narendra Modi Stadium, Ahmedabad
 - ☒ 4. Wankhede Stadium, Mumbai

Question ID : 7518976469
Option 1 ID : 75189725873
Option 2 ID : 75189725876
Option 3 ID : 75189725875
Option 4 ID : 75189725874
Status : Answered
Chosen Option : 3

Q.2 All 24 students of a class are standing in a straight row facing north. Neha is 8th from the right end, while Abhishek is 20th from the left end. How many students are standing between Neha and Abhishek?

- Ans
- ☒ 1. 4
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. 2

Question ID : 7518979813
Option 1 ID : 75189739250
Option 2 ID : 75189739252
Option 3 ID : 75189739251
Option 4 ID : 75189739249
Status : Answered
Chosen Option : 4

Q.3

- Ans  1. 30
 2. 26
 3. 15
 4. 40

Question ID : **7518977747**
Option 1 ID : **75189730985**
Option 2 ID : **75189730986**
Option 3 ID : **75189730988**
Option 4 ID : **75189730987**
Status : **Answered**
Chosen Option : **2**

Q.4 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.

72 : 90 :: 48: 60 :: 24: ?

- Ans  1. 32
 2. 24
 3. 40
 4. 30

Question ID : **75189710925**
Option 1 ID : **75189743700**
Option 2 ID : **75189743698**
Option 3 ID : **75189743697**
Option 4 ID : **75189743699**
Status : **Answered**
Chosen Option : **4**

Q.5

Ans

-  1. Himachal Pradesh
-  2. Andhra Pradesh
-  3. Kerala
-  4. Uttar Pradesh

Question ID : **7518973801**

Option 1 ID : **75189715201**

Option 2 ID : **75189715202**

Option 3 ID : **75189715204**

Option 4 ID : **75189715203**

Status : **Marked For Review**

Chosen Option : 1

Q.6 Which of the following industries has developed the most on the banks of the Hooghly river?

Ans

-  1. Jute Industry
-  2. Dairy Industry
-  3. Sugar Industry
-  4. Iron-ore Industry

Question ID : **7518977516**

Option 1 ID : **75189730064**

Option 2 ID : **75189730062**

Option 3 ID : **75189730061**

Option 4 ID : **75189730063**

Status : **Answered**

Chosen Option : 1

Q.7

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

Question ID : 75189710679
Option 1 ID : 75189742716
Option 2 ID : 75189742714
Option 3 ID : 75189742713
Option 4 ID : 75189742715
Status : Answered
Chosen Option : 2

Q.8 Simplify $34 - 66 \div 6 + 18 \times 8$.

- Ans  1. 138
 2. 167
 3. -600
 4. 104

Question ID : 7518979092
Option 1 ID : 75189736367
Option 2 ID : 75189736366
Option 3 ID : 75189736368
Option 4 ID : 75189736365
Status : Answered
Chosen Option : 2

Q.9 On increasing the potential difference applied across a conductor at constant temperature, _____

- Ans  1. current decreases
 2. current remains constant
 3. current becomes zero
 4. current increases

Question ID : 7518979541
Option 1 ID : 75189738161
Option 2 ID : 75189738163
Option 3 ID : 75189738164
Option 4 ID : 75189738162
Status : Answered
Chosen Option : 4

Q.10

- Ans
- ☐ 1. Over the North and South Poles
 - ☐ 2. Over industrialised Europe
 - ☒ 3. Over Antarctica
 - ☐ 4. Over the Equator

Question ID : 75189710127
Option 1 ID : 75189740506
Option 2 ID : 75189740507
Option 3 ID : 75189740508
Option 4 ID : 75189740505
Status : Answered
Chosen Option : 4

Q.11 The ratio of the lengths of two corresponding sides of two similar triangles is 3 : 1. The ratio of their corresponding angles is:

- Ans
- ☐ 1. 1 : 3
 - ☐ 2. 2 : 1
 - ☐ 3. 3 : 1
 - ☒ 4. 1 : 1

Question ID : 75189710041
Option 1 ID : 75189740164
Option 2 ID : 75189740162
Option 3 ID : 75189740163
Option 4 ID : 75189740161
Status : Answered
Chosen Option : 3

Q.12 Which of the following statements is correct with respect to Newlands law of octaves?

- Ans
- ☒ 1. Newlands' law of octaves worked well with lighter elements only.
 - ☐ 2. Newlands' law of octaves worked well with heavier elements only.
 - ☐ 3. In Newlands' octaves, the properties of fluorine and sodium were found to be the same.
 - ☐ 4. John Newlands, an English scientist arranged the then known elements in the order of increasing atomic sizes.

Question ID : 75189710385
Option 1 ID : 75189741537
Option 2 ID : 75189741539
Option 3 ID : 75189741540
Option 4 ID : 75189741538
Status : Answered
Chosen Option : 2

Q.13 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	%	5	8	@	\$	5	4	^	+	#	3	7	9
Code Letter	G	O	H	P	T	M	A	B	L	N	F	S	Q	R

Conditions:

- (i) If the first element is a symbol and the last element is 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 element is an even number, the first and last elements are to be coded as ©.
- (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.

What will be the code for 5 @ \$ ^ 8 ?

- Ans**
- ☒ 1. HTMLP
 - ☒ 2. ©TML©
 - ☒ 3. ©TMLP
 - ☒ 4. HTML©

Question ID : 75189711056

Option 1 ID : 75189744221

Option 2 ID : 75189744224

Option 3 ID : 75189744223

Option 4 ID : 75189744222

Status : Answered

Chosen Option : 2

Q.14 Two trains are moving in opposite directions at speeds of 80 km/h and 120 km/h. The length of one train is 300 m. The time taken by them to cross each other is 12 seconds. The length (in m) of the other train, correct to 2 decimal places, is:

- Ans**
- ☒ 1. 366.67
 - ☒ 2. 388.88
 - ☒ 3. 377.77
 - ☒ 4. 333.33

Question ID : 7518979960

Option 1 ID : 75189739838

Option 2 ID : 75189739840

Option 3 ID : 75189739839

Option 4 ID : 75189739837

Status : Answered

Chosen Option : 1

Q.15

Ans ☒ 1.

Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — provides mechanical support

☒ 2.

Chlorenchyma — Has chlorophyll for photosynthesis (leaves)

Aerenchyma — Has air spaces (aquatic plants) and helps them to float

☒ 3.

Chlorenchyma — supports the plant

Aerenchyma — Has chlorophyll for photosynthesis (leaves)

☒ 4.

Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — has chlorophyll for photosynthesis

Question ID : **7518974514**

Option 1 ID : **75189718056**

Option 2 ID : **75189718053**

Option 3 ID : **75189718054**

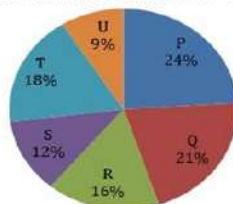
Option 4 ID : **75189718055**

Status : **Answered**

Chosen Option : **4**

Q.16 The given pie chart shows the number of students in six different Houses- P, Q, R, S, T and U of VV International School. Study the chart and answer the question.

Total number of students = 2400



Find the ratio of students in House S to students in House T.

Ans ☒ 1. 1 : 2

☒ 2. 4 : 7

☒ 3. 2 : 3

☒ 4. 3 : 4

Question ID : **75189710966**

Option 1 ID : **75189743861**

Option 2 ID : **75189743864**

Option 3 ID : **75189743863**

Option 4 ID : **75189743862**

Status : **Answered**

Chosen Option : **3**

Q.17

- Ans
- ☐ 1. Lime water
 - ☐ 2. Chlorine water
 - ☐ 3. Bromine water
 - ☒ 4. Brine

Question ID : 7518979645

Option 1 ID : 75189738577

Option 2 ID : 75189738580

Option 3 ID : 75189738579

Option 4 ID : 75189738578

Status : Answered

Chosen Option : 3

Q.18 Raghav's monthly salary is ₹18,000. Raghav took a loan of ₹30,000 on simple interest for 3 years at the rate of 5% per annum. The amount that he will be paying as simple interest in 3 years is what percentage of his monthly salary?

- Ans
- ☐ 1. 35%
 - ☐ 2. 20%
 - ☐ 3. 30%
 - ☒ 4. 25%

Question ID : 7518979102

Option 1 ID : 75189736408

Option 2 ID : 75189736406

Option 3 ID : 75189736407

Option 4 ID : 75189736405

Status : Answered

Chosen Option : 4

Q.19 A rainbow is observed due to refraction of the sunlight through rain drops. This implies that:

- Ans
- ☐ 1. sunlight is monochromatic
 - ☒ 2. sunlight is polychromatic
 - ☐ 3. refractive index of rain drop is 1
 - ☐ 4. rain drops are not spherical in shape

Question ID : 75189711153

Option 1 ID : 75189744609

Option 2 ID : 75189744610

Option 3 ID : 75189744611

Option 4 ID : 75189744612

Status : Answered

Chosen Option : 3

Q.20

- Ans
- ☒ 1. 51
 - ☒ 2. 50
 - ☒ 3. 53
 - ☒ 4. 52

Question ID : 75189710923
Option 1 ID : 75189743690
Option 2 ID : 75189743689
Option 3 ID : 75189743692
Option 4 ID : 75189743691
Status : Answered
Chosen Option : 4

Q.21 In an isosceles triangle, the vertex angle measures 80° . What is the measure of each of the base angles?

- Ans
- ☒ 1. 50° and 50°
 - ☒ 2. 60° and 40°
 - ☒ 3. 60° and 50°
 - ☒ 4. 60° and 60°

Question ID : 75189710036
Option 1 ID : 75189740141
Option 2 ID : 75189740142
Option 3 ID : 75189740144
Option 4 ID : 75189740143
Status : Answered
Chosen Option : 1

Q.22 A certain number of persons are standing in a straight row facing North. X is standing to the immediate left of W but immediate right of R. Z is standing to the immediate left of R. There is only one person to the left of P. Q is standing to the immediate left of Y. The person standing at the extreme right end is the only person to the right of Y. Only four persons are standing between P and Q. If no other person is standing in the row, what is the total number of persons standing?

- Ans
- ☒ 1. Ten
 - ☒ 2. Eight
 - ☒ 3. Seven
 - ☒ 4. Nine

Question ID : 75189710770
Option 1 ID : 75189743080
Option 2 ID : 75189743078
Option 3 ID : 75189743077
Option 4 ID : 75189743079
Status : Answered
Chosen Option : 2

Q.23

- Ans
- ☒ 1. Alok Kumar
 - ☒ 2. Wilson Jones
 - ☒ 3. Pankaj Advani
 - ☒ 4. Dhruv Sitwala

Question ID : 7518978824
Option 1 ID : 75189735296
Option 2 ID : 75189735295
Option 3 ID : 75189735294
Option 4 ID : 75189735293
Status : Answered
Chosen Option : 1

Q.24 In which of the following states are the Palitana temples, a Jain pilgrimage site, located?

- Ans
- ☒ 1. Karnataka
 - ☒ 2. Rajasthan
 - ☒ 3. Jharkhand
 - ☒ 4. Gujarat

Question ID : 7518977492
Option 1 ID : 75189729968
Option 2 ID : 75189729967
Option 3 ID : 75189729965
Option 4 ID : 75189729966
Status : Answered
Chosen Option : 1

Q.25 An electric generator is a device which converts:

- Ans
- ☒ 1. mechanical energy into electrical energy
 - ☒ 2. electrical energy into mechanical energy
 - ☒ 3. light energy into mechanical energy
 - ☒ 4. mechanical energy into light energy

Question ID : 75189711176
Option 1 ID : 75189744703
Option 2 ID : 75189744704
Option 3 ID : 75189744702
Option 4 ID : 75189744701
Status : Answered
Chosen Option : 1

Q.26

- Ans ☒ 1. 997002999
☐ 2. 997003999
☐ 3. 997004999
☐ 4. 997005999

Question ID : 7518979983
Option 1 ID : 75189739929
Option 2 ID : 75189739930
Option 3 ID : 75189739931
Option 4 ID : 75189739932
Status : Answered
Chosen Option : 1

Q.27 A cylindrical rod has an outer curved surface area of 2800 cm^2 . If the length of the rod is 100 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

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

- Ans ☐ 1. 2.45
☐ 2. 5.45
☐ 3. 3.45
☒ 4. 4.45

Question ID : 75189710028
Option 1 ID : 75189740109
Option 2 ID : 75189740112
Option 3 ID : 75189740110
Option 4 ID : 75189740111
Status : Answered
Chosen Option : 4

Q.28 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BKS36, GPX48, LUC60, QZH72, ?

- Ans ☐ 1. VEM88
☐ 2. MVE84
☐ 3. MVE88
☒ 4. VEM84

Question ID : 7518979145
Option 1 ID : 75189736579
Option 2 ID : 75189736580
Option 3 ID : 75189736578
Option 4 ID : 75189736577
Status : Answered
Chosen Option : 4

Q.29

Ans

✓ 1. $V = \frac{R}{I}$

✗ 2. $I = \frac{V}{R}$

✗ 3. $R = \frac{V}{I}$

✗ 4. $V = IR$

Question ID : 7518979543

Option 1 ID : 75189738170

Option 2 ID : 75189738172

Option 3 ID : 75189738169

Option 4 ID : 75189738171

Status : Answered

Chosen Option : 1

Q.30 Study the given number series and answer the question that follows.

(Left) 9 6 7 6 8 2 5 7 3 2 5 8 6 2 7 5 4 9 2 4 7 3 8 5 (Right)

How many such even numbers are there each of which is immediately preceded by an odd number and also immediately followed by an odd number?

Ans

✓ 1. 4

✗ 2. 6

✗ 3. 2

✗ 4. 8

Question ID : 75189711036

Option 1 ID : 75189744141

Option 2 ID : 75189744143

Option 3 ID : 75189744144

Option 4 ID : 75189744142

Status : Answered

Chosen Option : 1

Q.31 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.

8 : 32 :: 18 : 162 :: 16 : ?

Ans

✗ 1. 130

✗ 2. 120

✓ 3. 128

✗ 4. 118

Question ID : 75189710929

Option 1 ID : 75189743714

Option 2 ID : 75189743716

Option 3 ID : 75189743715

Option 4 ID : 75189743713

Status : Answered

Chosen Option : 3

Q.32 Amit starts from Point Y and drives 8 km towards the north. He then takes a right turn, drives 12 km, turns right and drives 11 km. He then takes a right turn and drives 15 km. He takes a final right turn, drives 3 km and stops at Point Z. How far and towards which direction should he drive in order to reach Point Y from Point Z? (All turns are 90 degree turns only)

- Ans**
- ☒ 1. 3 km towards the north
 - ☒ 2. 2 km towards the west
 - ☒ 3. 3 km towards the east
 - ☒ 4. 2 km towards the east

Question ID : 7518979863

Option 1 ID : 75189739449

Option 2 ID : 75189739452

Option 3 ID : 75189739451

Option 4 ID : 75189739450

Status : Answered

Chosen Option : 3

Q.33 In which of following states of India is the cultural festival 'LOSAR' celebrated?

- Ans**
- ☒ 1. Arunachal Pradesh
 - ☒ 2. Nagaland
 - ☒ 3. Goa
 - ☒ 4. Karnataka

Question ID : 7518979376

Option 1 ID : 75189737502

Option 2 ID : 75189737501

Option 3 ID : 75189737503

Option 4 ID : 75189737504

Status : Answered

Chosen Option : 1

Q.34 In a balanced chemical equation, the reactant is always written _____ the arrow.

- Ans**
- ☒ 1. above
 - ☒ 2. on the left-hand side of
 - ☒ 3. below
 - ☒ 4. on the right-hand side of

Question ID : 7518979607

Option 1 ID : 75189738425

Option 2 ID : 75189738426

Option 3 ID : 75189738428

Option 4 ID : 75189738427

Status : Answered

Chosen Option : 1

Q.35 Read the given statements and conclusions carefully and decide which of the given conclusions logically follows the statements.

Statements:

1. $D \geq S$
2. $X < W$
3. $S = J$
4. $W > Y$
5. $X > D$
6. $J \geq E$

Conclusions:

- I. $D < Y$
- II. $D = E$
- III. $E = S$
- IV. $W > J$

- Ans**
- ☒ 1. Only conclusion III follows
 - ☒ 2. Only conclusion IV follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Only conclusion II follows

Question ID : 7518977942

Option 1 ID : 75189731768

Option 2 ID : 75189731767

Option 3 ID : 75189731765

Option 4 ID : 75189731766

Status : Answered

Chosen Option : 4

Q.36 Electromagnetic induction is the phenomenon wherein:

- Ans**
- ☒ 1. a moving coil carrying current induces force on the magnet
 - ☒ 2. a moving magnet induces an EMF in the closed loop of a conductor
 - ☒ 3. a moving magnet exerts force on the closed loop of a conductor
 - ☒ 4. a moving closed loop of a conductor induces an EMF in the closed loop of another conductor

Question ID : 75189711175

Option 1 ID : 75189744700

Option 2 ID : 75189744697

Option 3 ID : 75189744699

Option 4 ID : 75189744698

Status : Answered

Chosen Option : 1

Q.37

- Ans
- ☒ 1. 12.8
 - ☒ 2. 9.6
 - ☒ 3. 10.8
 - ☒ 4. 13.5

Question ID : 75189710667

Option 1 ID : 75189742667

Option 2 ID : 75189742668

Option 3 ID : 75189742666

Option 4 ID : 75189742665

Status : Answered

Chosen Option : 3

Q.38 Each vowel in the word THUNDER 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. Which of the following letters will appear in the middle of the group of letters thus formed?

- Ans
- ☒ 1. M
 - ☒ 2. V
 - ☒ 3. N
 - ☒ 4. O

Question ID : 75189710839

Option 1 ID : 75189743354

Option 2 ID : 75189743355

Option 3 ID : 75189743356

Option 4 ID : 75189743353

Status : Answered

Chosen Option : 1

Q.39 From which of the following countries India has purchased S-400 Missile System?

- Ans
- ☒ 1. America
 - ☒ 2. Canada
 - ☒ 3. Israel
 - ☒ 4. Russia

Question ID : 75189710519

Option 1 ID : 75189742075

Option 2 ID : 75189742076

Option 3 ID : 75189742074

Option 4 ID : 75189742073

Status : Answered

Chosen Option : 4

Q.40

- Ans
- ☒ 1. $(5a - 7b)^2$
 - ☒ 2. $(7a + 5b)^2$
 - ☒ 3. $(5a + 7b)^2$
 - ☒ 4. $(7a - 5b)^2$

Question ID : 7518979978

Option 1 ID : 75189739912

Option 2 ID : 75189739909

Option 3 ID : 75189739910

Option 4 ID : 75189739911

Status : Answered

Chosen Option : 2

Q.41 The marks scored by 10 students are given below.

17, 13, 18, 11, 15, 13, 19, 18, 13, 17

The mode of the data is:

- Ans
- ☒ 1. 13
 - ☒ 2. 17
 - ☒ 3. 11
 - ☒ 4. 19

Question ID : 7518979972

Option 1 ID : 75189739885

Option 2 ID : 75189739886

Option 3 ID : 75189739887

Option 4 ID : 75189739888

Status : Answered

Chosen Option : 1

Q.42 Which of the following features of the Constitution of India is borrowed from the Constitution of the United Kingdom?

- Ans
- ☒ 1. Single citizenship
 - ☒ 2. Fundamental duties
 - ☒ 3. Concurrent list
 - ☒ 4. Directive principles of state policy

Question ID : 7518979435

Option 1 ID : 75189737739

Option 2 ID : 75189737740

Option 3 ID : 75189737737

Option 4 ID : 75189737738

Status : Answered

Chosen Option : 2

Q.43

- Ans
- ☒ 1. 648
 - ☒ 2. 527
 - ☒ 3. 486
 - ☒ 4. 729

Question ID : 75189710029
Option 1 ID : 75189740115
Option 2 ID : 75189740114
Option 3 ID : 75189740113
Option 4 ID : 75189740116
Status : Answered
Chosen Option : 4

Q.44 As of August 2022, what is the prescribed maximum age of the subscriber under Atal Pension Yojana (APY) when the minimum prescribed age is 18 years?

- Ans
- ☒ 1. 60 years
 - ☒ 2. 55 years
 - ☒ 3. 35 years
 - ☒ 4. 40 years

Question ID : 75189711111
Option 1 ID : 75189744444
Option 2 ID : 75189744443
Option 3 ID : 75189744441
Option 4 ID : 75189744442
Status : Answered
Chosen Option : 2

Q.45 The roots of the equation $\sqrt{3}x^2 - 8x + 5\sqrt{3} = 0$ are:

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

Question ID : 7518978764
Option 1 ID : 75189735054
Option 2 ID : 75189735055
Option 3 ID : 75189735053
Option 4 ID : 75189735056
Status : Answered
Chosen Option : 4

Q.46

- Ans  1. Chipko Movement
-  2. Bishnoi Movement
-  3. Jungle Bachao Andolan
-  4. Narmada Bachao Andolan

Question ID : 7518974497
Option 1 ID : 75189717988
Option 2 ID : 75189717985
Option 3 ID : 75189717987
Option 4 ID : 75189717986

Status : Answered

Chosen Option : 3

Q.47 Three statements are given, followed by four conclusions numbered I, II, III and IV. 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 pictures are drawings.
2. No drawing is caricature.
3. All figures are caricatures.

Conclusions:

- I. Some figures are pictures.
- II. No caricature is picture.
- III. No picture is figure.
- IV. Some caricatures are pictures.

- Ans  1. Only conclusion IV follows
-  2. Only conclusions I and IV follow
-  3. Only conclusions I follows
-  4. Only conclusions II and III follow

Question ID : 75189710773
Option 1 ID : 75189743092
Option 2 ID : 75189743091
Option 3 ID : 75189743089
Option 4 ID : 75189743090

Status : Answered

Chosen Option : 4

Q.48

- Ans ☒ 1. 37
☒ 2. 45
☒ 3. 27
☒ 4. 32

Question ID : 7518979033
Option 1 ID : 75189736131
Option 2 ID : 75189736132
Option 3 ID : 75189736129
Option 4 ID : 75189736130
Status : Answered
Chosen Option : 2

Q.49 A, B and C invested ₹ 10,000, ₹12,000, and ₹15,000, respectively, for 5, 6, and 9 months, respectively, in a business. If A's share in the profit is ₹2,500, then the total profit is:

- Ans ☒ 1. ₹12,550
☒ 2. ₹12,650
☒ 3. ₹12,700
☒ 4. ₹12,850

Question ID : 7518979232
Option 1 ID : 75189736925
Option 2 ID : 75189736926
Option 3 ID : 75189736927
Option 4 ID : 75189736928
Status : Answered
Chosen Option : 4

Q.50 The value of $(\sin 32^\circ \cos 58^\circ + \cos 32^\circ \sin 58^\circ)$ is:

- Ans ☒ 1. 3
☒ 2. 0
☒ 3. 1
☒ 4. 2

Question ID : 75189710047
Option 1 ID : 75189740188
Option 2 ID : 75189740185
Option 3 ID : 75189740186
Option 4 ID : 75189740187
Status : Answered
Chosen Option : 3

Q.51

- Ans  1. 2018
 2. 2014
 3. 2020
 4. 2016

Question ID : 7518979409
Option 1 ID : 75189737633
Option 2 ID : 75189737636
Option 3 ID : 75189737635
Option 4 ID : 75189737634
Status : Answered
Chosen Option : 3

Q.52 If $-(2/3)$ is a root of the equation $kx^2 - 13x - 10 = 0$, then the value of k is:

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

Question ID : 7518978767
Option 1 ID : 75189735067
Option 2 ID : 75189735065
Option 3 ID : 75189735066
Option 4 ID : 75189735068
Status : Answered
Chosen Option : 1

Q.53 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.

OKD : RNG

MKS : PNV

- Ans  1. HKV : EKH
 2. RVH : UYK
 3. RVH : VUK
 4. HVK : UKH

Question ID : 7518979871
Option 1 ID : 75189739484
Option 2 ID : 75189739481
Option 3 ID : 75189739482
Option 4 ID : 75189739483
Status : Answered
Chosen Option : 2

Q.54 A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	6	%	8	9	@	\$	5	4	^	+	#	3	7	9
Code Letter	G	O	H	Q	T	M	A	B	L	M	F	S	Q	R

Conditions:

- (i) If the first element is a symbol and the last element is 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 element is an even number, the first and last elements are to be coded as ©.
- (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.

What will be the code for 3 @ 4 # 4 ?

- Ans**
- ☒ 1. ©TFBC
 - ☒ 2. ©TBF©
 - ☒ 3. SFTF©
 - ☒ 4. STBF©

Question ID : 75189711051

Option 1 ID : 75189744203

Option 2 ID : 75189744204

Option 3 ID : 75189744202

Option 4 ID : 75189744201

Status : Answered

Chosen Option : 2

Q.55 Amongst six cousins, P, Q, R, S, T and U, each are of a different age. P's age is more than that of only one cousin. Q's age is more than that of S and P but not more than that of R. S's age is immediately more than P's age. R is younger than U. T is the youngest. Who is the oldest among all the cousins?

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

Question ID : 75189710816

Option 1 ID : 75189743263

Option 2 ID : 75189743262

Option 3 ID : 75189743261

Option 4 ID : 75189743264

Status : Answered

Chosen Option : 2

Q.56

- Ans
- ☐ 1. between P and F, concave
 - ☐ 2. at F, concave
 - ☒ 3. at C, concave
 - ☐ 4. at F, convex

Question ID : 7518979463

Option 1 ID : 75189737852

Option 2 ID : 75189737851

Option 3 ID : 75189737850

Option 4 ID : 75189737849

Status : Answered

Chosen Option : 3

Q.57 What are the group numbers of halogens and carbon family, respectively, in the modern periodic table?

- Ans
- ☐ 1. Group 16 and Group 14
 - ☒ 2. Group 17 and Group 14
 - ☐ 3. Group 16 and Group 17
 - ☐ 4. Group 18 and Group 14

Question ID : 75189710391

Option 1 ID : 75189741562

Option 2 ID : 75189741564

Option 3 ID : 75189741563

Option 4 ID : 75189741561

Status : Answered

Chosen Option : 2

Q.58 If 2, 3, 8 and y are in proportion, find the value of y.

- Ans
- ☐ 1. 48
 - ☒ 2. 12
 - ☐ 3. 24
 - ☐ 4. 16

Question ID : 75189710649

Option 1 ID : 75189742593

Option 2 ID : 75189742596

Option 3 ID : 75189742594

Option 4 ID : 75189742595

Status : Answered

Chosen Option : 2

Q.59

- Ans
- ☐ 1. 276
 - ☐ 2. 273
 - ☒ 3. 280
 - ☐ 4. 288

Question ID : 7518978596

Option 1 ID : 75189734382

Option 2 ID : 75189734381

Option 3 ID : 75189734384

Option 4 ID : 75189734383

Status : Answered

Chosen Option : 2

Q.60 If the digits 6 and 5 are replaced with 3 and 9, respectively, in the number 265367856, what will be the sum of the 1st and the 5th digits (when counted from the left) in the new number thus formed?

- Ans
- ☐ 1. 8
 - ☒ 2. 5
 - ☐ 3. 13
 - ☐ 4. 17

Question ID : 75189711077

Option 1 ID : 75189744305

Option 2 ID : 75189744306

Option 3 ID : 75189744307

Option 4 ID : 75189744308

Status : Answered

Chosen Option : 2

Q.61 In humans, the sex of the offspring is determined by the _____.

- Ans
- ☐ 1. autosomes
 - ☒ 2. paternal chromosome
 - ☐ 3. maternal chromosome
 - ☐ 4. both maternal and paternal chromosomes

Question ID : 7518974449

Option 1 ID : 75189717796

Option 2 ID : 75189717794

Option 3 ID : 75189717793

Option 4 ID : 75189717795

Status : Answered

Chosen Option : 2

Q.62

- Ans
- ☒ 1. Balance of payment
 - ☒ 2. Adaptive Expectations
 - ☒ 3. Business Cycle
 - ☒ 4. Production function

Question ID : 7518978882

Option 1 ID : 75189735525

Option 2 ID : 75189735526

Option 3 ID : 75189735528

Option 4 ID : 75189735527

Status : Answered

Chosen Option : 4

Q.63 Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

23 35 76 87 45 28 49 98 56 34 37 48 78 75 64 89 73

What will be the product of numbers that is third from the left end and fifth from the right end in the above series?

- Ans
- ☒ 1. 2880
 - ☒ 2. 4586
 - ☒ 3. 5928
 - ☒ 4. 6525

Question ID : 7518978993

Option 1 ID : 75189735970

Option 2 ID : 75189735972

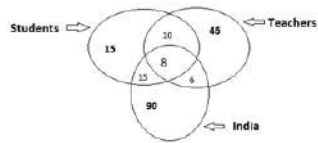
Option 3 ID : 75189735971

Option 4 ID : 75189735969

Status : Answered

Chosen Option : 3

Q.64 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such students are there who are also teachers but NOT from India?

- Ans** ☒ 1. 10
☐ 2. 20
☐ 3. 12
☐ 4. 60

Question ID : 7518979828

Option 1 ID : 75189739309

Option 2 ID : 75189739311

Option 3 ID : 75189739310

Option 4 ID : 75189739312

Status : Answered

Chosen Option : 1

Q.65 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 5374816. What will be the product of the digits which are second from the left and second from the right in the new number thus formed?

- Ans** ☐ 1. 28
☒ 2. 15
☐ 3. 3
☐ 4. 20

Question ID : 75189710947

Option 1 ID : 75189743787

Option 2 ID : 75189743788

Option 3 ID : 75189743786

Option 4 ID : 75189743785

Status : Answered

Chosen Option : 2

Q.66 Read the given statement and arguments carefully and select the appropriate answer from the given options.

Statement:

Unemployment among youth has emerged as the biggest challenge in post-COVID-19 times.

Arguments:

- I. Many small-scale industries stopped working during the COVID period.
- II. People do not want to work in small scale industries.

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

Question ID : 75189711117

Option 1 ID : 75189744465

Option 2 ID : 75189744468

Option 3 ID : 75189744466

Option 4 ID : 75189744467

Status : Answered

Chosen Option : 3

Q.67 Which of the following carry/carries digested and absorbed fat from the intestine?

- Ans
- ☒ 1. Veins
 - ☒ 2. Plasma
 - ☒ 3. Lymph
 - ☒ 4. Platelets

Question ID : 7518977833

Option 1 ID : 75189731332

Option 2 ID : 75189731329

Option 3 ID : 75189731330

Option 4 ID : 75189731331

Status : Answered

Chosen Option : 3

Q.68 A dishonest shopkeeper sells goods at cost price but uses a weight of 940 gm for one kg. His gain percentage (rounded off to two decimal places) is:

- Ans
- ☒ 1. 5.38%
 - ☒ 2. 6.08%
 - ☒ 3. 4.38%
 - ☒ 4. 6.38%

Question ID : 7518979250

Option 1 ID : 75189736997

Option 2 ID : 75189736998

Option 3 ID : 75189737000

Option 4 ID : 75189736999

Status : Answered

Chosen Option : 4

Q.69

- Ans
- ☒ 1. 20 years
 - ☒ 2. 18 years
 - ☒ 3. 24 years
 - ☒ 4. 23 years

Question ID : 7518978755

Option 1 ID : 75189735019

Option 2 ID : 75189735020

Option 3 ID : 75189735017

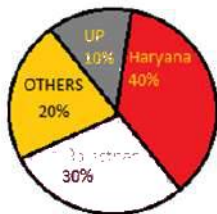
Option 4 ID : 75189735018

Status : Answered

Chosen Option : 2

Q.70 Study the given pie chart and answer the question that follows.

The pie-chart shows the number of tourists visiting from different states. The total tourist traffic is 20 lakh.



Find the difference between the number of tourists visiting from Haryana and Rajasthan.

- Ans
- ☒ 1. 5 lakh
 - ☒ 2. 3 lakh
 - ☒ 3. 4 lakh
 - ☒ 4. 2 lakh

Question ID : 75189711082

Option 1 ID : 75189744328

Option 2 ID : 75189744325

Option 3 ID : 75189744326

Option 4 ID : 75189744327

Status : Answered

Chosen Option : 4

Q.71

- Ans
- ☐ 1. Kanya Pathshala Utsav
 - ☐ 2. Kanya Pravesh Utsav
 - ☐ 3. Kanya Shikhsan Utsav
 - ☒ 4. Kanya Shikhsa Pravesh Utsav

Question ID : 7518979367

Option 1 ID : 75189737465

Option 2 ID : 75189737466

Option 3 ID : 75189737468

Option 4 ID : 75189737467

Status : Answered

Chosen Option : 4

Q.72 An object must be placed _____ to obtain a real and inverted image of the same size as that of the object after reflection.

- Ans
- ☐ 1. at infinity from a concave mirror
 - ☒ 2. at C of a concave mirror
 - ☐ 3. between P and F of a convex mirror
 - ☐ 4. at C of a convex mirror

Question ID : 7518979467

Option 1 ID : 75189737865

Option 2 ID : 75189737868

Option 3 ID : 75189737866

Option 4 ID : 75189737867

Status : Answered

Chosen Option : 2

Q.73 A shopkeeper marked the price of an article at 10% higher than its cost price. He then gives two successive discounts of 5% each. What is his loss or profit percentage?

- Ans
- ☐ 1. 0.725% profit
 - ☒ 2. 0.725% loss
 - ☐ 3. 0.525% loss
 - ☐ 4. 0.525% profit

Question ID : 7518979954

Option 1 ID : 75189739815

Option 2 ID : 75189739813

Option 3 ID : 75189739814

Option 4 ID : 75189739816

Status : Answered

Chosen Option : 2

Q.74

- Ans ☒ 1. Agricultural Sciences
☐ 2. Physical Sciences
☐ 3. Energy Sciences
☐ 4. Chemical Sciences

Question ID : 7518973954
Option 1 ID : 75189715813
Option 2 ID : 75189715816
Option 3 ID : 75189715814
Option 4 ID : 75189715815

Status : Answered

Chosen Option : 4

Q.75 Which of the following reactions is NOT a combination reaction?

- Ans ☐ 1. $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
☐ 2. $\text{NH}_3 + \text{HCl} \rightarrow \text{NH}_4\text{Cl}$
☐ 3. $\text{C} + \text{O}_2 \rightarrow \text{CO}_2$
☒ 4. $\text{HI} \rightarrow \text{H}_2 + \text{I}_2$

Question ID : 75189710334
Option 1 ID : 75189741333
Option 2 ID : 75189741334
Option 3 ID : 75189741336
Option 4 ID : 75189741335

Status : Answered

Chosen Option : 3

Q.76 Jyoti starts from the mall and drives 4 km towards West. She then takes a left turn, drives 8 km, turns left and drives 24 km. She then takes a left turn and drives 6 km. She then turns left, drives 6 km and reaches her home. Which direction is the mall with reference to her home?

- Ans ☒ 1. North- West
☐ 2. South- east
☐ 3. South - West
☐ 4. North

Question ID : 75189710888
Option 1 ID : 75189743550
Option 2 ID : 75189743551
Option 3 ID : 75189743552
Option 4 ID : 75189743549

Status : Answered

Chosen Option : 1

Q.77

- Ans
- ☒ 1. 1 July - 30 June 2021-22
 - ☒ 2. 1 November - 31 October 2021-22
 - ☒ 3. 1 April - 31 March 2021-22
 - ☒ 4. 31 March - 1 April 2021-22

Question ID : 7518978877
Option 1 ID : 75189735506
Option 2 ID : 75189735507
Option 3 ID : 75189735508
Option 4 ID : 75189735505

Status : Answered

Chosen Option : 3

Q.78 Which of the following compounds does NOT belong to the same homologous series?

- Ans
- ☒ 1. C_5H_{10}
 - ☒ 2. C_3H_6
 - ☒ 3. C_4H_8
 - ☒ 4. C_6H_{11}

Question ID : 7518973560
Option 1 ID : 75189714239
Option 2 ID : 75189714237
Option 3 ID : 75189714238
Option 4 ID : 75189714240

Status : Answered

Chosen Option : 4

Q.79 Which of the following coloured precipitates is formed when lead (II) nitrate and potassium iodide are mixed together?

- Ans
- ☒ 1. Yellow
 - ☒ 2. Violet
 - ☒ 3. Black
 - ☒ 4. Green

Question ID : 75189710346
Option 1 ID : 75189741381
Option 2 ID : 75189741382
Option 3 ID : 75189741384
Option 4 ID : 75189741383

Status : Answered

Chosen Option : 2

Q.80

- Ans
- ☐ 1. 180
 - ☐ 2. 210
 - ☐ 3. 200
 - ☒ 4. 190

Question ID : 7518979220

Option 1 ID : 75189736880

Option 2 ID : 75189736877

Option 3 ID : 75189736878

Option 4 ID : 75189736879

Status : Answered

Chosen Option : 4

Q.81 Which of the following is the most environment-friendly method of disposing of organic wastes?

- Ans
- ☒ 1. Composting
 - ☐ 2. Incineration
 - ☐ 3. Development of value-added products
 - ☐ 4. Landfills

Question ID : 7518974478

Option 1 ID : 75189717911

Option 2 ID : 75189717910

Option 3 ID : 75189717912

Option 4 ID : 75189717909

Status : Answered

Chosen Option : 4

Q.82 An object is placed on the principal axis of a convex lens, at a point beyond $2F_1$. Its image formed is _____.

- Ans
- ☒ 1. real and diminished
 - ☐ 2. virtual and enlarged
 - ☐ 3. real and enlarged
 - ☐ 4. virtual and diminished

Question ID : 7518976624

Option 1 ID : 75189726493

Option 2 ID : 75189726496

Option 3 ID : 75189726495

Option 4 ID : 75189726494

Status : Answered

Chosen Option : 4

Q.83

- Ans
- ☐ 1. Beside R
 - ☐ 2. Beside P
 - ☒ 3. Beside N
 - ☐ 4. Beside O

Question ID : 7518979706

Option 1 ID : 75189738824

Option 2 ID : 75189738823

Option 3 ID : 75189738822

Option 4 ID : 75189738821

Status : Answered

Chosen Option : 3

Q.84 What is good way to get relief from leg muscle cramps after intense activity?

- Ans
- ☐ 1. Applying a pain reliever ointment
 - ☐ 2. Rubbing legs with an ice-pack
 - ☒ 3. Gentle massage with warm pads
 - ☐ 4. Drinking warm sweet milk or tea

Question ID : 75189710093

Option 1 ID : 75189740370

Option 2 ID : 75189740369

Option 3 ID : 75189740371

Option 4 ID : 75189740372

Status : Answered

Chosen Option : 2

Q.85 If 19 November 2005 is a Saturday, then what will be the day of the week on 23 November 2008?

- Ans
- ☐ 1. Tuesday
 - ☐ 2. Friday
 - ☐ 3. Wednesday
 - ☒ 4. Sunday

Question ID : 7518979150

Option 1 ID : 75189736600

Option 2 ID : 75189736599

Option 3 ID : 75189736597

Option 4 ID : 75189736598

Status : Answered

Chosen Option : 4

Q.86

Ans  1.

The process by which water is pulled from the xylem cells of the roots into leaves is called translocation.

 2.

The process in which loss of water takes place in the form of water vapour through stomata is called transpiration.

 3.

The process of water loss from stomata requires energy in the form of ATP.

 4.

The process which is the main driving force of water into the xylem during the day is root pressure.

Question ID : 7518977803

Option 1 ID : 75189731211

Option 2 ID : 75189731209

Option 3 ID : 75189731210

Option 4 ID : 75189731212

Status : Answered

Chosen Option : 2

Q.87 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. Some apricots are peaches.
2. Some kiwis are apricots.
3. All apricots are sweet-limes.

Conclusions:

- I. Some sweet-limes are kiwis.
- II. No peach is sweet-lime.

Ans  1. Only conclusion II follows

 2. Only conclusion I follows

 3. Both conclusions I and II follow

 4. Either conclusion I or II follow

Question ID : 75189710783

Option 1 ID : 75189743130

Option 2 ID : 75189743129

Option 3 ID : 75189743132

Option 4 ID : 75189743131

Status : Answered

Chosen Option : 2

Q.88 J, L, N, P, R, T, V and W are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. W is on the immediate left of J but not an immediate neighbour of P or R. T is on the immediate right of L. N has R and T as his immediate neighbours, V is immediate neighbour of R. Who is sitting to the immediate left of P?

- Ans**
- ☒ 1. L
 - ☒ 2. J
 - ☒ 3. V
 - ☒ 4. R

Question ID : **75189710736**

Option 1 ID : **75189742942**

Option 2 ID : **75189742941**

Option 3 ID : **75189742944**

Option 4 ID : **75189742943**

Status : **Marked For Review**

Chosen Option : **2**

Q.89 Neeraj and his sister are 12 years and 3 years old, respectively. After how many years will Neeraj's sister be half as old as Neeraj?

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

Question ID : **75189710001**

Option 1 ID : **75189740003**

Option 2 ID : **75189740004**

Option 3 ID : **75189740002**

Option 4 ID : **75189740001**

Status : **Answered**

Chosen Option : **3**

Q.90 The LCM of 36, 48, 120 and 300 is:

- Ans**
- ☒ 1. 1200
 - ☒ 2. 1800
 - ☒ 3. 3600
 - ☒ 4. 900

Question ID : **7518979916**

Option 1 ID : **75189739662**

Option 2 ID : **75189739663**

Option 3 ID : **75189739664**

Option 4 ID : **75189739661**

Status : **Answered**

Chosen Option : **3**

Q.91

- Ans
- ☐ 1. Pune
 - ☐ 2. Lucknow
 - ☐ 3. Jaipur
 - ☒ 4. New Delhi

Question ID : 75189710548
Option 1 ID : 75189742191
Option 2 ID : 75189742192
Option 3 ID : 75189742190
Option 4 ID : 75189742189
Status : Answered
Chosen Option : 2

Q.92 As per the Ministry of Mines, as of 2021, 44% of the country's primary gold ore reserves is in _____.

- Ans
- ☒ 1. Bihar
 - ☐ 2. Rajasthan
 - ☐ 3. Karnataka
 - ☐ 4. Jharkhand

Question ID : 7518978573
Option 1 ID : 75189734292
Option 2 ID : 75189734289
Option 3 ID : 75189734290
Option 4 ID : 75189734291
Status : Answered
Chosen Option : 4

Q.93 Which of the following industries does NOT use washing soda?

- Ans
- ☐ 1. Glass
 - ☐ 2. Paper
 - ☐ 3. Soap
 - ☒ 4. Cosmetic

Question ID : 75189710370
Option 1 ID : 75189741478
Option 2 ID : 75189741480
Option 3 ID : 75189741477
Option 4 ID : 75189741479
Status : Answered
Chosen Option : 1

Q.94

- Ans ☒ 1. Electrical, heat
☐ 2. Electrical, magnetic
☐ 3. Mechanical, electrical
☐ 4. Electrical, light

Question ID : 7518979563
Option 1 ID : 75189738251
Option 2 ID : 75189738249
Option 3 ID : 75189738250
Option 4 ID : 75189738252

Status : Answered

Chosen Option : 1

Q.95 40 students of a class are standing in a queue according to the increasing order of their heights. Suhani is 8th from the front, while Syma is 8th from the back. How many students are standing between Suhani and Syma?

- Ans ☐ 1. 25
☐ 2. 21
☐ 3. 23
☒ 4. 24

Question ID : 7518979713
Option 1 ID : 75189738852
Option 2 ID : 75189738849
Option 3 ID : 75189738850
Option 4 ID : 75189738851

Status : Answered

Chosen Option : 4

Q.96 The largest peninsular river in India is:

- Ans ☐ 1. Cauvery
☐ 2. Narmada
☒ 3. Godavari
☐ 4. Krishna

Question ID : 7518979432
Option 1 ID : 75189737727
Option 2 ID : 75189737728
Option 3 ID : 75189737726
Option 4 ID : 75189737725

Status : Answered

Chosen Option : 1

Q.97

Ans

- ☒ 1. $\frac{2085}{10989}$
- ☒ 2. $\frac{2088}{10989}$
- ☒ 3. $\frac{2083}{10989}$
- ☒ 4. $\frac{2087}{10989}$

Question ID : 7518979909

Option 1 ID : 75189739634

Option 2 ID : 75189739636

Option 3 ID : 75189739633

Option 4 ID : 75189739635

Status : Answered

Chosen Option : 2

Q.98

The value of $\frac{(0.064) + (0.008)}{0.16 + 0.04 - 0.08}$ is _____.

Ans

- ☒ 1. 0.05
- ☒ 2. 1.4
- ☒ 3. 0.6
- ☒ 4. 2.7

Question ID : 75189710617

Option 1 ID : 75189742465

Option 2 ID : 75189742468

Option 3 ID : 75189742467

Option 4 ID : 75189742466

Status : Answered

Chosen Option : 3

Q.99 The _____ Constitutional Amendment Act of 1992 was responsible for adding Part IX to the Constitution, 'The Panchayats'.

Ans

- ☒ 1. 7th
- ☒ 2. 83rd
- ☒ 3. 73rd
- ☒ 4. 74th

Question ID : 75189710501

Option 1 ID : 75189742001

Option 2 ID : 75189742004

Option 3 ID : 75189742002

Option 4 ID : 75189742003

Status : Answered

Chosen Option : 3

Q.100

- Ans
-  1. Indus
 -  2. Narmada
 -  3. Brahmaputra
 -  4. Cauvery

Question ID : 75189710482

Option 1 ID : 75189741928

Option 2 ID : 75189741925

Option 3 ID : 75189741927

Option 4 ID : 75189741926

Status : Answered

Chosen Option : 2