



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 2 Mathura Road
Test Date	16/09/2022
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 The sum of the squares of two consecutive odd natural numbers is 74. The sum of the numbers is:

- Ans ☒ 1. 12
☐ 2. 18
☐ 3. 24
☐ 4. 28

Question ID : 7518978746
Option 1 ID : 75189734984
Option 2 ID : 75189734981
Option 3 ID : 75189734982
Option 4 ID : 75189734983

Status : Answered

Chosen Option : 1

Q.2 Which programme was launched by the Union Government as a flagship programme to fulfil the main objectives of effective abatement of pollution, conservation and rejuvenation of River Ganga?

- Ans ☐ 1. Water for All
☒ 2. Namami Gange Programme
☐ 3. Clean the Ganga Programme
☐ 4. Ganga Action Plan

Question ID : 7518974683
Option 1 ID : 75189718732
Option 2 ID : 75189718730
Option 3 ID : 75189718731
Option 4 ID : 75189718729

Status : Answered

Chosen Option : 2

Q.3

- Ans
- ☐ 1. a base
 - ☐ 2. an acidic salt
 - ☐ 3. a neutral salt
 - ☒ 4. a basic salt

Question ID : 7518979659
Option 1 ID : 75189738636
Option 2 ID : 75189738633
Option 3 ID : 75189738635
Option 4 ID : 75189738634
Status : Answered
Chosen Option : 4

Q.4 When a round, green seeded plant is crossed with a wrinkled, yellow seeded pea plant the F₁ generation results in:

- Ans
- ☐ 1. wrinkled and green seeds
 - ☒ 2. round and green seeds
 - ☐ 3. wrinkled and yellow seeds
 - ☐ 4. round and yellow seeds

Question ID : 75189710241
Option 1 ID : 75189740964
Option 2 ID : 75189740962
Option 3 ID : 75189740963
Option 4 ID : 75189740961
Status : Not Answered
Chosen Option : --

Q.5 Each of seven colleagues, A, B, C, D, E, F and G, travelled to USA for sales presentation in the months of April, May, June, July, August, September and October, in the year 2019, but not necessarily in the same order. Each colleague travelled in a different month. Exactly four people travelled after D's trip. C travelled between the trips of E and F. G travelled in the month immediately before A's trip. Exactly two people travelled after C's trip. E travelled in the month immediately before B, who travelled in the month of October. Who travelled in the month of July?

- Ans
- ☐ 1. D
 - ☐ 2. A
 - ☐ 3. C
 - ☒ 4. F

Question ID : 75189710762
Option 1 ID : 75189743047
Option 2 ID : 75189743045
Option 3 ID : 75189743048
Option 4 ID : 75189743046
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.6

- Ans
- ☒ 1. Paramecium
 - ☒ 2. Euglena
 - ☒ 3. Yeast
 - ☒ 4. Amoeba

Question ID : 75189710156
Option 1 ID : 75189740623
Option 2 ID : 75189740622
Option 3 ID : 75189740624
Option 4 ID : 75189740621
Status : Answered
Chosen Option : 3

Q.7 If the radius of a sphere is halved, then the new volume will become _____ the original volume.

- Ans
- ☒ 1. $\frac{1}{8}$ times
 - ☒ 2. $\frac{1}{4}$ times
 - ☒ 3. 4 times
 - ☒ 4. 8 times

Question ID : 7518979323
Option 1 ID : 75189737292
Option 2 ID : 75189737289
Option 3 ID : 75189737291
Option 4 ID : 75189737290
Status : Answered
Chosen Option : 1

Q.8 Which state in India will you find the The Cathedral of Mary Help of Christians ?

- Ans
- ☒ 1. Bihar
 - ☒ 2. Meghalaya
 - ☒ 3. Karnataka
 - ☒ 4. West Bengal

Question ID : 7518979393
Option 1 ID : 75189737571
Option 2 ID : 75189737569
Option 3 ID : 75189737570
Option 4 ID : 75189737572
Status : Not Answered
Chosen Option : --

Q.9

- Ans
- ☒ 1. IHCPMS
 - ☒ 2. IHCPSM
 - ☒ 3. IHCSMP
 - ☒ 4. IHCSPM

Question ID : 7518978029

Option 1 ID : 75189732113

Option 2 ID : 75189732116

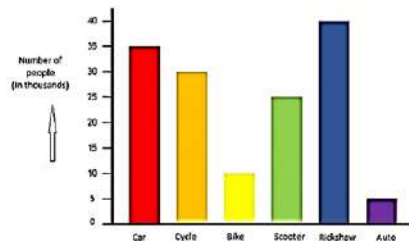
Option 3 ID : 75189732114

Option 4 ID : 75189732115

Status : Answered

Chosen Option : 4

Q.10 The number of people having six different types of vehicles in a city are shown in the following graph. Study the graph and answer the question.



What is the percentage increase in the people having a car as compared to the people having a scooter?

- Ans
- ☒ 1. 40%
 - ☒ 2. 10%
 - ☒ 3. 35%
 - ☒ 4. 25%

Question ID : 75189711248

Option 1 ID : 75189744992

Option 2 ID : 75189744989

Option 3 ID : 75189744990

Option 4 ID : 75189744991

Status : Answered

Chosen Option : 1

Q.11

- Ans
- ☐ 1. Chandan Singh
 - ☐ 2. Akshdeep Singh
 - ☐ 3. Ram Baboo
 - ☒ 4. Juned Khan

Question ID : 7518976509

Option 1 ID : 75189726035

Option 2 ID : 75189726036

Option 3 ID : 75189726033

Option 4 ID : 75189726034

Status : Not Answered

Chosen Option : --

Q.12 If the area of a triangle whose base measures 3 cm is 4 cm^2 , then its corresponding height is:

- Ans
- ☐ 1. $4\frac{1}{3}\text{ cm}$
 - ☐ 2. $3\frac{2}{3}\text{ cm}$
 - ☒ 3. $2\frac{2}{3}\text{ cm}$
 - ☐ 4. $1\frac{2}{3}\text{ cm}$

Question ID : 7518979319

Option 1 ID : 75189737276

Option 2 ID : 75189737275

Option 3 ID : 75189737273

Option 4 ID : 75189737274

Status : Answered

Chosen Option : 3

Q.13 Which of the following compounds of a homologous series has the lowest boiling point?

- Ans
- ☐ 1. $\text{C}_2\text{H}_6\text{O}$
 - ☒ 2. CH_4O
 - ☐ 3. $\text{C}_4\text{H}_{10}\text{O}$
 - ☐ 4. $\text{C}_3\text{H}_8\text{O}$

Question ID : 75189710325

Option 1 ID : 75189741299

Option 2 ID : 75189741300

Option 3 ID : 75189741297

Option 4 ID : 75189741298

Status : Not Answered

Chosen Option : --

Q.14

Ans ☒ 1. Telangana

☐ 2. Gujarat

☐ 3. Madhya Pradesh

☐ 4. West Bengal

Question ID : 7518976531

Option 1 ID : 75189726122

Option 2 ID : 75189726123

Option 3 ID : 75189726124

Option 4 ID : 75189726121

Status : Not Answered

Chosen Option : --

Q.15 In a code language, 'now you can come' is written as 'wp ae nz rf', 'you are kind' is written as 'ae dz tq', 'kind is virtue' is written as 'tq sf bc'. What is the code for 'kind, you' in that code language?

Ans ☐ 1. nz, ae

☐ 2. tq, dz

☐ 3. nz, tq

☒ 4. tq, ae

Question ID : 75189710874

Option 1 ID : 75189743494

Option 2 ID : 75189743495

Option 3 ID : 75189743493

Option 4 ID : 75189743496

Status : Answered

Chosen Option : 4

Q.16 A Large Area Soft X-ray Spectrometer (CLASS), a payload on-board _____ Orbiter, detected a solar proton event which significantly increases the radiation exposure to humans in space, on January 2022.

Ans ☐ 1. Chandrayaan-1

☒ 2. Chandrayaan-2

☐ 3. Chandrayaan-4 a

☐ 4. Chandrayaan-3

Question ID : 75189710407

Option 1 ID : 75189741625

Option 2 ID : 75189741626

Option 3 ID : 75189741628

Option 4 ID : 75189741627

Status : Answered

Chosen Option : 2

Q.17

- Ans
- ☐ 1. ₹6,300
 - ☒ 2. ₹3,300
 - ☐ 3. ₹4,300
 - ☐ 4. ₹5,300

Question ID : 7518978662

Option 1 ID : 75189734645

Option 2 ID : 75189734648

Option 3 ID : 75189734647

Option 4 ID : 75189734646

Status : Answered

Chosen Option : 2

Q.18 In plaster of Paris:

- Ans
- ☐ 1. two formula units of CaSO_4 share two molecule of water
 - ☐ 2. one formula unit of CaSO_4 has one molecule of water
 - ☐ 3. two formula units of CaSO_4 share half molecule of water
 - ☒ 4. two formula units of CaSO_4 share one molecule of water

Question ID : 75189710371

Option 1 ID : 75189741483

Option 2 ID : 75189741482

Option 3 ID : 75189741481

Option 4 ID : 75189741484

Status : Not Answered

Chosen Option : --

Q.19 Which of the following chemical compounds is used in the manufacture of cement?

- Ans
- ☐ 1. Al_2O_3
 - ☒ 2. CaO
 - ☐ 3. CuO
 - ☐ 4. $\text{Mg}(\text{OH})_2$

Question ID : 75189710338

Option 1 ID : 75189741349

Option 2 ID : 75189741351

Option 3 ID : 75189741352

Option 4 ID : 75189741350

Status : Answered

Chosen Option : 2

Q.20

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

Question ID : 75189710984
Option 1 ID : 75189743933
Option 2 ID : 75189743934
Option 3 ID : 75189743935
Option 4 ID : 75189743936
Status : Not Answered
Chosen Option : --

Q.21 If the position of the first and second letters in the word MOTHERLAND were interchanged, also the third and the fourth letters were interchanged, the fifth and sixth letters were interchanged and so on, which of the following would be the sixth letter from the right?

- Ans  1. T
 2. R
 3. E
 4. H

Question ID : 75189710838
Option 1 ID : 75189743350
Option 2 ID : 75189743349
Option 3 ID : 75189743351
Option 4 ID : 75189743352
Status : Answered
Chosen Option : 2

Q.22 Each of the digits in the number 4275913 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

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

Question ID : 75189710945
Option 1 ID : 75189743777
Option 2 ID : 75189743779
Option 3 ID : 75189743780
Option 4 ID : 75189743778
Status : Answered
Chosen Option : 1

Q.23

- Ans
- ☒ 1. Surplus price
 - ☒ 2. Equilibrium price
 - ☒ 3. Total price
 - ☒ 4. Product price

Question ID : 7518978873

Option 1 ID : 75189735489

Option 2 ID : 75189735490

Option 3 ID : 75189735491

Option 4 ID : 75189735492

Status : Answered

Chosen Option : 2

Q.24 If a square has a side of $(5x-8)$ cm, then the area of the square (in cm^2) is:

- Ans
- ☒ 1. $25x^2 + 80x + 64$
 - ☒ 2. $25x^2 + 80x - 64$
 - ☒ 3. $25x^2 - 80x - 64$
 - ☒ 4. $25x^2 - 80x + 64$

Question ID : 7518978727

Option 1 ID : 75189734908

Option 2 ID : 75189734907

Option 3 ID : 75189734905

Option 4 ID : 75189734906

Status : Answered

Chosen Option : 4

Q.25 As on July 2022, how many Fundamental Duties are there in the Indian Constitution?

- Ans
- ☒ 1. 11
 - ☒ 2. 9
 - ☒ 3. 10
 - ☒ 4. 12

Question ID : 7518974288

Option 1 ID : 75189717149

Option 2 ID : 75189717151

Option 3 ID : 75189717150

Option 4 ID : 75189717152

Status : Answered

Chosen Option : 1

Q.26

- Ans ☒ 1. Acidic solution
☒ 2. Colloidal solution
☒ 3. Basic solution
☒ 4. Electrolyte solution

Question ID : 75189711305

Option 1 ID : 75189745218

Option 2 ID : 75189745219

Option 3 ID : 75189745220

Option 4 ID : 75189745217

Status : Answered

Chosen Option : 2

Q.27 Which of the following compounds was used for the preparation of urea by Friedrich Wohler?

- Ans ☒ 1. Ammonia
☒ 2. Methane nitrile
☒ 3. Carbon monoxide
☒ 4. Ammonium cyanate

Question ID : 75189710310

Option 1 ID : 75189741239

Option 2 ID : 75189741238

Option 3 ID : 75189741237

Option 4 ID : 75189741240

Status : Answered

Chosen Option : 1

Q.28 _____ are used in vermicomposting.

- Ans ☒ 1. Earthworms
☒ 2. Roundworms
☒ 3. Flatworms
☒ 4. Tapeworms

Question ID : 7518974473

Option 1 ID : 75189717891

Option 2 ID : 75189717892

Option 3 ID : 75189717890

Option 4 ID : 75189717889

Status : Answered

Chosen Option : 1

Q.29

- Ans
- ☒ 1. $(-1, 2)$
 - ☒ 2. $(-1, -2)$
 - ☒ 3. $(1, -2)$
 - ☒ 4. $(1, 2)$

Question ID : 75189710008

Option 1 ID : 75189740030

Option 2 ID : 75189740032

Option 3 ID : 75189740031

Option 4 ID : 75189740029

Status : Answered

Chosen Option : 3

Q.30 Convert $\frac{23}{11}$ to its recurring decimal form.

- Ans
- ☒ 1. $2.\overline{32}$
 - ☒ 2. $2.\overline{09}$
 - ☒ 3. $2.\overline{23}$
 - ☒ 4. $2.\overline{18}$

Question ID : 75189711392

Option 1 ID : 75189745568

Option 2 ID : 75189745565

Option 3 ID : 75189745567

Option 4 ID : 75189745566

Status : Answered

Chosen Option : 2

Q.31 _____ of the Constitution of India deals with Panchayats.

- Ans
- ☒ 1. Part VIII
 - ☒ 2. Part IX
 - ☒ 3. Part XI
 - ☒ 4. Part X

Question ID : 7518978604

Option 1 ID : 75189734415

Option 2 ID : 75189734413

Option 3 ID : 75189734416

Option 4 ID : 75189734414

Status : Answered

Chosen Option : 2

Q.32

- Ans  1. 15
 2. 1500
 3. 6.67
 4. 85

Question ID : 7518977230

Option 1 ID : 75189728918

Option 2 ID : 75189728920

Option 3 ID : 75189728917

Option 4 ID : 75189728919

Status : Not Answered

Chosen Option : --

Q.33 Which of the following is the standard representation of quadratic equation

$$(x^2 + 1)(x - 1) = (x^2 - 3)(x + 3)?$$

- Ans  1. $x^2 - 3x - 4 = 0$
 2. $4x^2 - x - 6 = 0$
 3. $4x^2 - 8 = 0$
 4. $4x^2 - 4x - 8 = 0$

Question ID : 7518979302

Option 1 ID : 75189737207

Option 2 ID : 75189737205

Option 3 ID : 75189737206

Option 4 ID : 75189737208

Status : Answered

Chosen Option : 4

Q.34 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:

Some cats are rats.

All rats are dogs.

All dogs are monkeys.

Conclusions:

(I) Some monkeys are cats.

(II) All monkeys are rats.

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

Question ID : 75189711000

Option 1 ID : 75189744000

Option 2 ID : 75189743997

Option 3 ID : 75189743998

Option 4 ID : 75189743999

Status : Answered

Chosen Option : 2

Q.35 If $\left(\frac{25}{9}\right)^{x+1} \left(\frac{81}{625}\right)^{x-1} = \frac{9}{25}$, then find the value of x .

- Ans**
- ☒ 1. 8
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 4

Question ID : 75189711186

Option 1 ID : 75189744744

Option 2 ID : 75189744743

Option 3 ID : 75189744741

Option 4 ID : 75189744742

Status : Answered

Chosen Option : 4

Q.36

Ans

 1. $\frac{\sqrt{3}}{\sqrt{2}(1+\sqrt{3})}$

 2. $\frac{\sqrt{2}}{2\sqrt{2}(1+\sqrt{3})}$

 3. $\frac{\sqrt{3}}{2\sqrt{2}(1+\sqrt{3})}$

 4. $\frac{\sqrt{3}}{2\sqrt{3}(1+\sqrt{2})}$

Question ID : 75189710046

Option 1 ID : 75189740183

Option 2 ID : 75189740182

Option 3 ID : 75189740184

Option 4 ID : 75189740181

Status : Answered

Chosen Option : 3

Q.37 How many pairs of sex chromosomes are present in humans?

Ans

 1. 4 pairs

 2. 1 pair

 3. 3 pairs

 4. 2 pairs

Question ID : 7518977848

Option 1 ID : 75189731390

Option 2 ID : 75189731391

Option 3 ID : 75189731392

Option 4 ID : 75189731389

Status : Answered

Chosen Option : 2

- Q.38** Which of the following is always true?
- a) The bisectors of angles of a parallelogram form a rectangle.
 - b) A parallelogram is a trapezium.
 - c) Diagonals of a rhombus are equal and bisect each other at right angles.

Ans ✓ 1. Only (a) and (b)

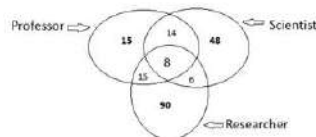
✗ 2. Only (b)

✗ 3. Only (a)

✗ 4. All of (a), (b), (c)

Question ID : **75189711219**
Option 1 ID : **75189744875**
Option 2 ID : **75189744874**
Option 3 ID : **75189744873**
Option 4 ID : **75189744876**
Status : **Answered**
Chosen Option : **4**

- Q.39** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are Researchers and Scientists but Not Professors?

Ans ✗ 1. 15

✓ 2. 6

✗ 3. 14

✗ 4. 23

Question ID : **75189710787**
Option 1 ID : **75189743145**
Option 2 ID : **75189743148**
Option 3 ID : **75189743146**
Option 4 ID : **75189743147**
Status : **Answered**
Chosen Option : **2**

Q.40 Consider two circuits, A and B, each of which has 12 resistors each of resistance R_A and R_B , respectively. In each circuit the resistors are in such a way that the net resistance of each circuit is the minimum. Now a 30 V battery with negligible internal resistance is connected across each circuit separately, and the current drawn by circuit A and circuit B are 10 A and 18 A, respectively. Then R_A and R_B will be:

- Ans**
- ☒ 1. $R_A = 26 \Omega$ and $R_B = 20 \Omega$
 - ☒ 2. $R_A = 26 \Omega$ and $R_B = 25 \Omega$
 - ☒ 3. $R_A = 36 \Omega$ and $R_B = 20 \Omega$
 - ☒ 4. $R_A = 36 \Omega$ and $R_B = 15 \Omega$

Question ID : 75189711339

Option 1 ID : 75189745353

Option 2 ID : 75189745354

Option 3 ID : 75189745356

Option 4 ID : 75189745355

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.41 Goa Liberation Day is celebrated on which of the following dates?

- Ans**
- ☒ 1. 22 December
 - ☒ 2. 19 December
 - ☒ 3. 21 December
 - ☒ 4. 20 December

Question ID : 75189710545

Option 1 ID : 75189742180

Option 2 ID : 75189742177

Option 3 ID : 75189742179

Option 4 ID : 75189742178

Status : Answered

Chosen Option : 2

Q.42 The oldest mountain range in India is _____.

- Ans**
- ☒ 1. Nallamala Range
 - ☒ 2. Aravali Range
 - ☒ 3. Dhauladhar Range
 - ☒ 4. Zaskar Range

Question ID : 7518977536

Option 1 ID : 75189730143

Option 2 ID : 75189730142

Option 3 ID : 75189730141

Option 4 ID : 75189730144

Status : Answered

Chosen Option : 2

Q.43

- Ans
- ☒ 1. E
 - ☒ 2. D
 - ☒ 3. C
 - ☒ 4. B

Question ID : 75189711226
Option 1 ID : 75189744903
Option 2 ID : 75189744902
Option 3 ID : 75189744904
Option 4 ID : 75189744901
Status : Not Answered
Chosen Option : --

Q.44 The phenomena that links current induced in a coil and change in magnetic flux is known as:

- Ans
- ☒ 1. electromagnetic wave propagation
 - ☒ 2. electromagnetic induction
 - ☒ 3. electromagnetic wave
 - ☒ 4. electromagnetic radiation

Question ID : 75189711370
Option 1 ID : 75189745480
Option 2 ID : 75189745479
Option 3 ID : 75189745478
Option 4 ID : 75189745477
Status : Not Answered
Chosen Option : --

Q.45 What is explicit cost?

- Ans
- ☒ 1.
It is the opportunity cost equal to what a firm must give up in order to use a factor of production.
 - ☒ 2.
It is a direct payment made to others in the course of running a business, such as wage, rent and materials.
 - ☒ 3.
It represents the loss of profit but does not represent a loss of income.
 - ☒ 4.
It is the only cost necessary to calculate a profit, as it clearly affects a company's profits.

Question ID : 7518978891
Option 1 ID : 75189735562
Option 2 ID : 75189735561
Option 3 ID : 75189735563
Option 4 ID : 75189735564
Status : Not Answered
Chosen Option : --

Q.46

- Ans
- ☒ 1. 7,500
 - ☒ 2. 9,000
 - ☒ 3. 8,000
 - ☒ 4. 9,500

Question ID : 75189711192
Option 1 ID : 75189744765
Option 2 ID : 75189744767
Option 3 ID : 75189744766
Option 4 ID : 75189744768
Status : Answered
Chosen Option : 3

Q.47 On 27 July 2022, the Union Cabinet cleared a ₹1.64 lakh crore package for the revival of which of the following organisations?

- Ans
- ☒ 1. Bharat Sanchar Nigam Limited (BSNL)
 - ☒ 2. Container Corporation of India Limited (CONCOR)
 - ☒ 3. Air India
 - ☒ 4. Oil and Natural Gas Corporation Limited

Question ID : 75189711103
Option 1 ID : 75189744412
Option 2 ID : 75189744411
Option 3 ID : 75189744409
Option 4 ID : 75189744410
Status : Not Answered
Chosen Option : --

Q.48 The sum of the digits of a two-digit number is 15. The number obtained by interchanging the digits exceeds the given number by 9. The number is:

- Ans
- ☒ 1. 57
 - ☒ 2. 78
 - ☒ 3. 98
 - ☒ 4. 27

Question ID : 7518979290
Option 1 ID : 75189737158
Option 2 ID : 75189737157
Option 3 ID : 75189737159
Option 4 ID : 75189737160
Status : Answered
Chosen Option : 2

Q.49

- Ans ☒ 1. Mushroom
☒ 2. Cuscuta
☒ 3. Pitcher
☒ 4. Lichens

Question ID : 75189710152

Option 1 ID : 75189740606

Option 2 ID : 75189740605

Option 3 ID : 75189740607

Option 4 ID : 75189740608

Status : Answered

Chosen Option : 3

Q.50 Chitra starts driving from the resort and drives 15 km towards west and then turns left and drives 115km. Then she turns right and drives 25 km. After that, she again turns right and drives 90 km. She finally turns right and drives 40 km to reach her home. How far is resort from her home?

- Ans ☒ 1. 35 km
☒ 2. 30 km
☒ 3. 25 km
☒ 4. 50 km

Question ID : 75189710897

Option 1 ID : 75189743587

Option 2 ID : 75189743586

Option 3 ID : 75189743585

Option 4 ID : 75189743588

Status : Answered

Chosen Option : 3

Q.51 The highest common factor of a set of coprime numbers is equal to:

- Ans ☒ 1. the highest among them
☒ 2. 1
☒ 3. 2
☒ 4. the lowest among them

Question ID : 7518979913

Option 1 ID : 75189739652

Option 2 ID : 75189739649

Option 3 ID : 75189739650

Option 4 ID : 75189739651

Status : Answered

Chosen Option : 2

Q.52

Ans ☒ 1.

No fixed position can be given to hydrogen in the Periodic Table.

☒ 2.

Mendeleev's Periodic Table contains vertical columns called groups and horizontal rows called periods.

☒ 3.

Nobel gases could be placed in a new group without disturbing the existing order.

☒ 4.

Mendeleev selected hydrogen and oxygen as they are very reactive and formed compounds with most elements.

Question ID : 75189710389

Option 1 ID : 75189741554

Option 2 ID : 75189741555

Option 3 ID : 75189741553

Option 4 ID : 75189741556

Status : Answered

Chosen Option : 1

Q.53 On which model was the Second Five-Year Plan made?

Ans ☒ 1. Investment Model of Planning Commission

☒ 2. PC Mahalanobis Model

☒ 3. Harrod-Domar model

☒ 4. Manmohan Plan

Question ID : 7518978895

Option 1 ID : 75189735578

Option 2 ID : 75189735580

Option 3 ID : 75189735577

Option 4 ID : 75189735579

Status : Answered

Chosen Option : 2

Q.54 What happens when CO_2 gas is passed through the lime water?

Ans ☒ 1. The solution turns milky.

☒ 2. Green colour appears.

☒ 3. There is no change.

☒ 4. A black precipitate is formed.

Question ID : 7518979624

Option 1 ID : 75189738494

Option 2 ID : 75189738496

Option 3 ID : 75189738493

Option 4 ID : 75189738495

Status : Answered

Chosen Option : 1

Q.55

- Ans
- ☒ 1. Mohit Grewal
 - ☒ 2. Jeremy Lalrinnunga
 - ☒ 3. Murali Sreeshankar
 - ☒ 4. Tejaswin Shankar

Question ID : 7518977141
Option 1 ID : 75189728564
Option 2 ID : 75189728563
Option 3 ID : 75189728562
Option 4 ID : 75189728561
Status : Answered
Chosen Option : 2

Q.56 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

GLE11, KPI13, OTM17, SXQ19, ?

- Ans
- ☒ 1. UWB27
 - ☒ 2. WBU27
 - ☒ 3. WBU23
 - ☒ 4. UWB23

Question ID : 7518979138
Option 1 ID : 75189736552
Option 2 ID : 75189736549
Option 3 ID : 75189736551
Option 4 ID : 75189736550
Status : Answered
Chosen Option : 3

Q.57 Refer to the following letter series and answer the question.

ACPDIU VKJQEVF

How many vowels are immediately preceded by consonants?

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

Question ID : 7518979750
Option 1 ID : 75189738999
Option 2 ID : 75189739000
Option 3 ID : 75189738998
Option 4 ID : 75189738997
Status : Answered
Chosen Option : 1

Q.58

- Ans
- ☒ 1. Bengali
 - ☒ 2. Tamil
 - ☒ 3. Gujarati
 - ☒ 4. Marathi

Question ID : 75189710443

Option 1 ID : 75189741769

Option 2 ID : 75189741771

Option 3 ID : 75189741772

Option 4 ID : 75189741770

Status : Answered

Chosen Option : 1

Q.59 Which of the following numbers will replace the question mark (?) in the given series?

42, 52, 63, 75, 88, ?, 117

- Ans
- ☒ 1. 100
 - ☒ 2. 102
 - ☒ 3. 101
 - ☒ 4. 103

Question ID : 75189710912

Option 1 ID : 75189743648

Option 2 ID : 75189743646

Option 3 ID : 75189743645

Option 4 ID : 75189743647

Status : Answered

Chosen Option : 2

Q.60 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$27.92 \times 4 + 3.96 \times 5 - 18 \div 2 + 1 = ?$$

- Ans
- ☒ 1. 115
 - ☒ 2. 100
 - ☒ 3. 124
 - ☒ 4. 140

Question ID : 7518977745

Option 1 ID : 75189730978

Option 2 ID : 75189730977

Option 3 ID : 75189730979

Option 4 ID : 75189730980

Status : Answered

Chosen Option : 3

Q.61

- Ans ☒ 1. 200
☒ 2. 20
☒ 3. 2000
☒ 4. 20000

Question ID : 7518979934

Option 1 ID : 75189739734

Option 2 ID : 75189739733

Option 3 ID : 75189739735

Option 4 ID : 75189739736

Status : Answered

Chosen Option : 2

Q.62 Most ordinary gases do not show dispersion with visible light. This is because the velocities of propagation of waves of different wavelengths of visible light are _____.

(Velocity of light in vacuum is c)

- Ans ☒ 1. very much different
☒ 2. always much less than c
☒ 3. always much greater than c
☒ 4. almost the same as c

Question ID : 75189711303

Option 1 ID : 75189745209

Option 2 ID : 75189745212

Option 3 ID : 75189745211

Option 4 ID : 75189745210

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.63 A reflected ray will follow the same path but in reverse direction when it passes through pole and _____.

- Ans ☒ 1. surface of mirror
☒ 2. focal plane
☒ 3. is perpendicular to the focal plane
☒ 4. is parallel to the focal plane

Question ID : 7518979476

Option 1 ID : 75189737902

Option 2 ID : 75189737901

Option 3 ID : 75189737904

Option 4 ID : 75189737903

Status : Answered

Chosen Option : 1

Q.64 Refer to the letter and symbol series, and answer the question that follows.

(Left) K B # A @ S * B Q @ R V N % & S (Right)

How many letters are there between the element that is third from the right end and the element that is sixth from the left end of the given series?

- Ans**
- ☒ 1. 7
 - ☒ 2. 5
 - ☒ 3. 8
 - ☒ 4. 6

Question ID : 75189711039

Option 1 ID : 75189744156

Option 2 ID : 75189744153

Option 3 ID : 75189744154

Option 4 ID : 75189744155

Status : Answered

Chosen Option : 1

Q.65 Vincov-19, the first indigenous drug to treat Covid-19, has been developed by synthesizing blood serum obtained from _____ immunised with spike glycoprotein of inactivated SARS-CoV-2 virus.

- Ans**
- ☒ 1. horses
 - ☒ 2. rabbits
 - ☒ 3. pigs
 - ☒ 4. monkeys

Question ID : 7518978499

Option 1 ID : 75189733994

Option 2 ID : 75189733993

Option 3 ID : 75189733995

Option 4 ID : 75189733996

Status : Answered

Chosen Option : 4

Q.66 The direction of the force acting on a current carrying conductor in the presence of a magnetic field depends on:

- Ans**
- ☒ 1. the direction of the current alone
 - ☒ 2. the direction of the magnetic field alone
 - ☒ 3. the direction of both, the magnetic field and the current
 - ☒ 4. neither the direction of the current nor the direction of the magnetic field

Question ID : 75189711182

Option 1 ID : 75189744725

Option 2 ID : 75189744726

Option 3 ID : 75189744727

Option 4 ID : 75189744728

Status : Not Answered

Chosen Option : --

Q.67 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.

9 : 728 :: 4 : 63 :: 7 : ?

- Ans**
- ☒ 1. 341
 - ☒ 2. 315
 - ☒ 3. 342
 - ☒ 4. 346

Question ID : 75189711231

Option 1 ID : 75189744922

Option 2 ID : 75189744924

Option 3 ID : 75189744921

Option 4 ID : 75189744923

Status : Answered

Chosen Option : 3

Q.68 The Godavari river rises from _____ about 80 km from the Arabian Sea at an elevation of 1,067 m.

- Ans**
- ☒ 1. Talakaveri
 - ☒ 2. Trimbakeshwar
 - ☒ 3. Satpura Range
 - ☒ 4. Mahabaleshwar

Question ID : 7518978914

Option 1 ID : 75189735654

Option 2 ID : 75189735655

Option 3 ID : 75189735656

Option 4 ID : 75189735653

Status : Answered

Chosen Option : 4

Q.69 Arrange the following element of group 1 in the decreasing order of their atomic radii. Atomic numbers are given in parentheses.

Li (3), K (19), Cs (55), Na (11), Rb (37)

- Ans**
- ☒ 1. Cs > Rb > Na > K > Li
 - ☒ 2. Cs > Rb > K > Li > Na
 - ☒ 3. Cs > Rb > K > Na > Li
 - ☒ 4. Cs > Rb > Li > K > Na

Question ID : 75189710393

Option 1 ID : 75189741572

Option 2 ID : 75189741569

Option 3 ID : 75189741570

Option 4 ID : 75189741571

Status : Answered

Chosen Option : 3

Q.70

- Ans
- ☒ 1. 18
 - ☐ 2. 16
 - ☐ 3. 12
 - ☐ 4. 22

Question ID : 75189711069

Option 1 ID : 75189744275

Option 2 ID : 75189744273

Option 3 ID : 75189744274

Option 4 ID : 75189744276

Status : Answered

Chosen Option : 1

Q.71

The value of $(6 - 3) \div [(9 - 6) \div \{ (6 - 4) \div (2 + \frac{8}{13}) \}]$ is:

- Ans
- ☐ 1. $\frac{1}{17}$
 - ☒ 2. $\frac{13}{17}$
 - ☐ 3. $\frac{26}{17}$
 - ☐ 4. $\frac{5}{17}$

Question ID : 75189710616

Option 1 ID : 75189742462

Option 2 ID : 75189742463

Option 3 ID : 75189742464

Option 4 ID : 75189742461

Status : Answered

Chosen Option : 2

Q.72

- Ans  1. Mahadev Govind Ranade
 2. Ishwar Chandra Vidyasagar
 3. Dr. Atma Ram Pandurang
 4. RC Bhandarkar

Question ID : 75189710425
Option 1 ID : 75189741697
Option 2 ID : 75189741700
Option 3 ID : 75189741699
Option 4 ID : 75189741698
Status : Answered
Chosen Option : 3

Q.73 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $C \geq V < B \geq N > Z > L$

- Ans  1. $C \geq V < L$
 2. $C > B \geq N$
 3. $B > Z > L$
 4. $B > L > V$

Question ID : 7518978219
Option 1 ID : 75189732876
Option 2 ID : 75189732875
Option 3 ID : 75189732874
Option 4 ID : 75189732873
Status : Answered
Chosen Option : 3

Q.74 Refer to the following letter, number, symbol series and answer the question.

(Left) S S 3 & 3 P & 3 D J * M 2 F A \$ Y ! 1 Z (Right)

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

- Ans  1. 0
 2. 1
 3. 2
 4. 3

Question ID : 7518979165
Option 1 ID : 75189736657
Option 2 ID : 75189736658
Option 3 ID : 75189736659
Option 4 ID : 75189736660
Status : Answered
Chosen Option : 4

Q.75

- Ans
- ☒ 1. 0.77 A
 - ☒ 2. 0.57 A
 - ☒ 3. 0.87 A
 - ☒ 4. 0.67 A

Question ID : 75189711333

Option 1 ID : 75189745331

Option 2 ID : 75189745329

Option 3 ID : 75189745332

Option 4 ID : 75189745330

Status : Answered

Chosen Option : 4

Q.76 The image of a star is obtained at F of a concave mirror when the incident ray is:

- Ans
- ☒ 1. along the focal plane
 - ☒ 2. perpendicular to principal axis
 - ☒ 3. inclined to principal axis
 - ☒ 4. parallel to principal axis

Question ID : 7518979472

Option 1 ID : 75189737888

Option 2 ID : 75189737885

Option 3 ID : 75189737887

Option 4 ID : 75189737886

Status : Answered

Chosen Option : 2

Q.77 A circuit consists of three resistors, R1, R2 and R3, and they have the values 5 Ω , 10 Ω and 30 Ω , respectively, which have been connected to a battery of 10 V (with negligible internal resistance). Each of the resistors is in parallel with each other. The total resistance of the circuit is:

- Ans
- ☒ 1. 1 Ω
 - ☒ 2. 6 Ω
 - ☒ 3. 5 Ω
 - ☒ 4. 3 Ω

Question ID : 75189711335

Option 1 ID : 75189745337

Option 2 ID : 75189745340

Option 3 ID : 75189745339

Option 4 ID : 75189745338

Status : Answered

Chosen Option : 2

Q.78 Three statements are given, followed by three conclusions numbered I, II and III. 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 shampoos are brushes.
2. Some brushes are conditioners.
3. No conditioner is towel.

Conclusions:

- I. Some towels are conditioners.
- II. No shampoo is a towel.
- III. Some brushes are shampoos.

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

Question ID : 75189710778

Option 1 ID : 75189743110

Option 2 ID : 75189743112

Option 3 ID : 75189743109

Option 4 ID : 75189743111

Status : Answered

Chosen Option : 2

Q.79 Which of the following numbers will replace the question mark (?) in the given series?
26, 61, 120, 209, ? , 501

Ans  1. 298
 2. 368
 3. 334
 4. 434

Question ID : 75189710916

Option 1 ID : 75189743662

Option 2 ID : 75189743663

Option 3 ID : 75189743661

Option 4 ID : 75189743664

Status : Answered

Chosen Option : 3

Q.80

- Ans  1. 49
 2. 21
 3. 35
 4. 28

Question ID : 75189711397
Option 1 ID : 75189745588
Option 2 ID : 75189745585
Option 3 ID : 75189745587
Option 4 ID : 75189745586
Status : Answered
Chosen Option : 1

Q.81 Which of the following tissues helps in tissue repair?

- Ans  1. Areolar
 2. Tendon
 3. Cartilage
 4. Ligament

Question ID : 7518977816
Option 1 ID : 75189731261
Option 2 ID : 75189731264
Option 3 ID : 75189731262
Option 4 ID : 75189731263
Status : Answered
Chosen Option : 1

Q.82 Study the given table and answer the question that follows.

The marks obtained in Mathematics by 41 students of Class X are given in the table.

Number of marks	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
Number of students	8	7	6	11	9

What is the arithmetic mean of the marks obtained by these students? [Give your answer correct to 3 decimal places.]

- Ans  1. 36.463
 2. 35.225
 3. 38.675
 4. 36.745

Question ID : 75189711202
Option 1 ID : 75189744806
Option 2 ID : 75189744808
Option 3 ID : 75189744805
Option 4 ID : 75189744807
Status : Answered
Chosen Option : 1

Q.83

- Ans  1. ₹1,312.50
-  2. ₹1,300.50
-  3. ₹1,200.50
-  4. ₹1,212.50

Question ID : 7518979249
Option 1 ID : 75189736996
Option 2 ID : 75189736995
Option 3 ID : 75189736993
Option 4 ID : 75189736994
Status : Answered
Chosen Option : 1

Q.84 J, K, L, M and N live on different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 5. K and N live on the topmost and bottommost floors, respectively. J lives on the floor immediately above L. M lives on the floor immediately above N. Who lives on the second floor?

- Ans  1. J
-  2. L
-  3. K
-  4. M

Question ID : 75189710755
Option 1 ID : 75189743018
Option 2 ID : 75189743020
Option 3 ID : 75189743017
Option 4 ID : 75189743019
Status : Answered
Chosen Option : 4

Q.85 If $14 : y :: 7 : 8$, find the value of y.

- Ans  1. 16
-  2. 18
-  3. 56
-  4. 28

Question ID : 75189710647
Option 1 ID : 75189742586
Option 2 ID : 75189742588
Option 3 ID : 75189742585
Option 4 ID : 75189742587
Status : Answered
Chosen Option : 1

Q.86

- Ans
-  1. Tripura
 -  2. Odisha
 -  3. Rajasthan
 -  4. Madhya Pradesh

Question ID : 7518977525

Option 1 ID : 75189730100

Option 2 ID : 75189730098

Option 3 ID : 75189730097

Option 4 ID : 75189730099

Status : Answered

Chosen Option : 2

Q.87 Letters are coded as numbers/symbols as per the table given below and the conditions which follow. Refer to the codes and conditions and then select the correct code for SQUARE.

Letters	T	P	J	Q	S	U	E	R	H	A
Number/Symbol	-	6	8	%	7	@	3	9	#	1

Conditions:

- (i) If there is more than 1 vowel in the word, the vowels will be coded as 4.
- (ii) If a word has consonants at both ends, both the consonants will be coded as 2.

- Ans
-  1. 7%4493
 -  2. 7%@193
 -  3. 7%9493
 -  4. 7%4494

Question ID : 7518979763

Option 1 ID : 75189739051

Option 2 ID : 75189739050

Option 3 ID : 75189739052

Option 4 ID : 75189739049

Status : Answered

Chosen Option : 4

Q.88

- Ans
- ☒ 1. 42 hours
 - ☒ 2. 39 hours
 - ☒ 3. 45 hours
 - ☒ 4. 36 hours

Question ID : 75189711201
Option 1 ID : 75189744803
Option 2 ID : 75189744804
Option 3 ID : 75189744802
Option 4 ID : 75189744801
Status : Answered
Chosen Option : 3

Q.89 If the mean of a distribution is 8.73 and its median is 11, then the mode of the distribution is _____ (using empirical relation).

- Ans
- ☒ 1. 22
 - ☒ 2. 19.73
 - ☒ 3. 15.54
 - ☒ 4. 17.46

Question ID : 75189710684
Option 1 ID : 75189742734
Option 2 ID : 75189742733
Option 3 ID : 75189742736
Option 4 ID : 75189742735
Status : Answered
Chosen Option : 3

Q.90 A two-digit number z is exactly six times the sum of its digits and the difference of the number formed by reversing the digits of z from the original number z is 9. Then z is:

- Ans
- ☒ 1. 54
 - ☒ 2. 45
 - ☒ 3. 42
 - ☒ 4. 36

Question ID : 7518979288
Option 1 ID : 75189737152
Option 2 ID : 75189737149
Option 3 ID : 75189737151
Option 4 ID : 75189737150
Status : Answered
Chosen Option : 1

Q.91

- Ans  1. 30 meters North
 2. 30 meters South
 3. 15 meters West
 4. 15 meters East

Question ID : 75189710889

Option 1 ID : 75189743555

Option 2 ID : 75189743556

Option 3 ID : 75189743554

Option 4 ID : 75189743553

Status : Answered

Chosen Option : 2

Q.92 If '+' means $\div$, '-' means $+$, ' $\times$ ' means $-$ and ' $\div$ ' means $\times$ ', then, what will be the value of the following expression?

$$[(48 \times 28) - (5 \div 3)] + (3 - 4)$$

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

Question ID : 7518977755

Option 1 ID : 75189731019

Option 2 ID : 75189731018

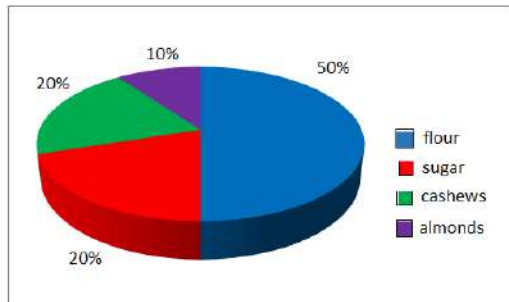
Option 3 ID : 75189731017

Option 4 ID : 75189731020

Status : Answered

Chosen Option : 4

Q.93 The percentage of all of the ingredients in a recipe is shown in the following pie-chart. Blue represents the flour, red represents the sugar, green represents cashews, and purple represents almonds. Study the pie-chart and answer the question.



If the final mixture of all these ingredients weighs twice of 3,50,000 g, then what is the difference between the weight of flour and almonds?

- Ans** ☒ 1. 2,80,000 g
☐ 2. 2,93,000 g
☐ 3. 1,40,000 g
☐ 4. 1,55,500 g

Question ID : 75189711255

Option 1 ID : 75189745019

Option 2 ID : 75189745020

Option 3 ID : 75189745017

Option 4 ID : 75189745018

Status : Answered

Chosen Option : 3

Q.94 Five friends are sitting around a circular table in a club playing cards and facing the center. W is not an immediate neighbour of either X or U. V is not an immediate neighbour of X. U is sitting to the immediate left of X. If Y is sitting between X and W, who will be sitting to immediate right of V?

- Ans** ☐ 1. W
☐ 2. X
☒ 3. U
☐ 4. Y

Question ID : 75189710729

Option 1 ID : 75189742914

Option 2 ID : 75189742913

Option 3 ID : 75189742915

Option 4 ID : 75189742916

Status : Answered

Chosen Option : 3

Q.95 Read the statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Limited and cautious use of plastic material can be a good strategy for its total ban movement.

Arguments:

- I. An instant ban on plastic is very far from reality as people are not ready to use alternatives.
- II. Paper bags can be a good alternative to plastic bags.

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

Question ID : 75189711123

Option 1 ID : 75189744490

Option 2 ID : 75189744489

Option 3 ID : 75189744492

Option 4 ID : 75189744491

Status : Answered

Chosen Option : 2

Q.96 Two statement are given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statements.

Statement: $J < P = C$, $T < Q < M = J < A$

- Ans
- ☒ 1. $P > A$
 - ☒ 2. $T < A$
 - ☒ 3. $A > P$
 - ☒ 4. $C = A$

Question ID : 7518979735

Option 1 ID : 75189738940

Option 2 ID : 75189738938

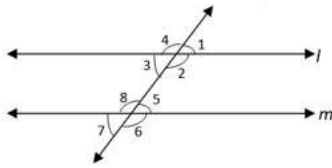
Option 3 ID : 75189738939

Option 4 ID : 75189738937

Status : Answered

Chosen Option : 2

Q.97 In the given figure, if $l \parallel m$, then which of the following relations is not necessarily true?



- Ans
- ☒ 1. $\angle 8 = \angle 6$
 - ☒ 2. $\angle 1 = \angle 5$
 - ☒ 3. $\angle 2 = \angle 5$
 - ☒ 4. $\angle 1 = \angle 7$

Question ID : 7518979105

Option 1 ID : 75189736419

Option 2 ID : 75189736420

Option 3 ID : 75189736417

Option 4 ID : 75189736418

Status : Answered

Chosen Option : 3

Q.98 As per Mendel's experiments with pea plants, tallness was called a 'dominant' trait compared to shortness because

- Ans
- ☒ 1. in all organisms, including peas, tall individuals are more common than short individuals
 - ☒ 2. a plant was tall regardless of whether it had one gene (allele) or two genes (alleles) for tallness
 - ☒ 3. tall plants are larger in size than short plants
 - ☒ 4. the symbol for the gene for tallness was 'T', while the symbol for the gene for shortness was 't'

Question ID : 75189710118

Option 1 ID : 75189740470

Option 2 ID : 75189740471

Option 3 ID : 75189740469

Option 4 ID : 75189740472

Status : Answered

Chosen Option : 2

Q.99

- Ans  1. Article 154
-  2. Article 144
-  3. Article 124
-  4. Article 134

Question ID : 7518979445

Option 1 ID : 75189737780

Option 2 ID : 75189737779

Option 3 ID : 75189737777

Option 4 ID : 75189737778

Status : Answered

Chosen Option : 1

Q.100 A shopkeeper marks the price of an article 10% more than the cost price. After allowing discount, he earns 5% profit.
The discount percentage is:

- Ans  1. 4.54%
-  2. 4%
-  3. 5.54%
-  4. 3%

Question ID : 7518979253

Option 1 ID : 75189737009

Option 2 ID : 75189737012

Option 3 ID : 75189737010

Option 4 ID : 75189737011

Status : Answered

Chosen Option : 1