



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Center Name	Gandhi Institute For Technological Advancement
Test Date	04/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

*** Note**

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark.

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 : NTPC

Q.1 24 mango trees, 36 apple trees and 72 orange trees have to be planted in rows such that each row contains the same number of trees of one variety only. Find the minimum number of rows in which the above mentioned trees may be planted.

- Ans ☒ 1. 19
☒ 2. 17
☒ 3. 18
☒ 4. 15

Question ID : 948911748

Option 1 ID : 9489112991

Option 2 ID : 9489112990

Option 3 ID : 9489112989

Option 4 ID : 9489112992

Status : Answered

Chosen Option : 1

Q.2 Who founded the Muhammadan Anglo-Oriental college in 1875 which later became Aligarh Muslim University?

Ans



1. Syed Ahmed Khan



2. Zakir Hussain



3. Maulana Abul Kalam Azad



4. Mohammad Ali Jinna

Question ID : 948911521

Option 1 ID : 9489112082

Option 2 ID : 9489112083

Option 3 ID : 9489112084

Option 4 ID : 9489112081

Status : Answered

Chosen Option : 1

Q.3 The sum of two numbers is 288 and their HCF is 16. How many pairs of such numbers can be formed?

Ans



1. 3



2. 5



3. 4



4. 2

Question ID : 948911749

Option 1 ID : 9489112993

Option 2 ID : 9489112995

Option 3 ID : 9489112994

Option 4 ID : 9489112996

Status : Answered

Chosen Option : 1

Q.4 Observe the figure given and answer the question below.



If the total number of students is 120, and the number of students is distributed equally across all the subjects, how many students study languages?

Ans

- ☒ 1. 36
- ☒ 2. 12
- ☒ 3. 24
- ☒ 4. 48

Question ID : 9489111089

Option 1 ID : 9489114355

Option 2 ID : 9489114353

Option 3 ID : 9489114354

Option 4 ID : 9489114356

Status : Answered

Chosen Option : 4

Q.5 Which of the following bodies recommends minimum support price for crops?

Ans

- ☒ 1. NITI Ayog
- ☒ 2. FCI
- ☒ 3. NABARD
- ☒ 4. CACP

Question ID : 948911542

Option 1 ID : 9489112165

Option 2 ID : 9489112167

Option 3 ID : 9489112168

Option 4 ID : 9489112166

Status : Answered

Chosen Option : 4

Q.6 What is the term of Non- permanent members of UN Security council?

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

Question ID : 948911534
Option 1 ID : 9489112136
Option 2 ID : 9489112135
Option 3 ID : 9489112134
Option 4 ID : 9489112133
Status : Answered
Chosen Option : 2

Q.7 Select the option that is related to the third term in the same way as the second term is related to the first term.

Virus : Disease :: Exercise : ?

- Ans
- ☐ 1. Walking
 - ☐ 2. Jogging
 - ☐ 3. Cycling
 - ☒ 4. Health

Question ID : 9489111074
Option 1 ID : 9489114294
Option 2 ID : 9489114293
Option 3 ID : 9489114295
Option 4 ID : 9489114296
Status : Answered
Chosen Option : 4

Q.8 When was Gandhi Smriti and Darshan Samiti (GSDS) formed?

- Ans
- ☐ 1. September 1985
 - ☐ 2. September 1987
 - ☒ 3. September 1984
 - ☐ 4. September 1986

Question ID : 948911508
Option 1 ID : 9489112031
Option 2 ID : 9489112029
Option 3 ID : 9489112030
Option 4 ID : 9489112032
Status : Not Answered
Chosen Option : --

Q.9 The Southern most tip of Indian territory is _____

- Ans
- ☒ 1. Cape Comorin
 - ☒ 2. Kanyakumari
 - ☒ 3. Karondi
 - ☒ 4. Indira Point

Question ID : 948911524
Option 1 ID : 9489112094
Option 2 ID : 9489112095
Option 3 ID : 9489112093
Option 4 ID : 9489112096
Status : Answered
Chosen Option : 4

Q.10 The English Language continued to be used for official purposes of the Union via section 3 of the Official Language Act which came into force in the year :

- Ans
- ☒ 1. 1963
 - ☒ 2. 1965
 - ☒ 3. 1970
 - ☒ 4. 1960

Question ID : 948911527
Option 1 ID : 9489112107
Option 2 ID : 9489112106
Option 3 ID : 9489112108
Option 4 ID : 9489112105
Status : Not Answered
Chosen Option : --

Q.11 As of 2020, the only person who has received the Nobel prize for physics twice is:

- Ans
- ☒ 1. John Bardeen
 - ☒ 2. Lawrence Bragg
 - ☒ 3. Arthur Ashkin
 - ☒ 4. Marie Curie

Question ID : 948911504
Option 1 ID : 9489112015
Option 2 ID : 9489112016
Option 3 ID : 9489112013
Option 4 ID : 9489112014
Status : Answered
Chosen Option : 2

Q.12

Inventor of Bluetooth is _____.

Ans

- ☐ 1. Charles Simonyi
- ☐ 2. Bill gates
- ☐ 3. Paul Allen
- ☒ 4. Jaap Haartsen

Question ID : 948911538

Option 1 ID : 9489112152

Option 2 ID : 9489112149

Option 3 ID : 9489112151

Option 4 ID : 9489112150

Status : Answered

Chosen Option : 4

Q.13

Second Vande Bharat Express is running between _____

Ans

- ☐ 1. New Delhi to Lucknow
- ☐ 2. New Delhi to Kanpur
- ☐ 3. New Delhi to Mumbai
- ☒ 4. New Delhi to Katra

Question ID : 948911540

Option 1 ID : 9489112158

Option 2 ID : 9489112157

Option 3 ID : 9489112160

Option 4 ID : 9489112159

Status : Answered

Chosen Option : 3

Q.14

How many members are nominated by the President of India in the Lok Sabha from the Anglo-Indian community?

Ans

- ☐ 1. 3
- ☐ 2. 6
- ☒ 3. 2
- ☐ 4. 4

Question ID : 948911543

Option 1 ID : 9489112171

Option 2 ID : 9489112172

Option 3 ID : 9489112169

Option 4 ID : 9489112170

Status : Answered

Chosen Option : 3

Q.15 Which of the following gases is a noble gas?

- Ans
- ☒ 1. Fluorine
 - ☒ 2. Nitrogen
 - ☒ 3. Oxygen
 - ☒ 4. Argon

Question ID : 948911512
Option 1 ID : 9489112048
Option 2 ID : 9489112047
Option 3 ID : 9489112046
Option 4 ID : 9489112045
Status : Answered
Chosen Option : 4

Q.16 By default, how many worksheets are present in work book of Excel MS Office- 2010?

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

Question ID : 948911537
Option 1 ID : 9489112145
Option 2 ID : 9489112148
Option 3 ID : 9489112146
Option 4 ID : 9489112147
Status : Not Answered
Chosen Option : --

Q.17 Currently, how many languages are listed in the eighth schedule of the Constitution?

- Ans
- ☒ 1. 20
 - ☒ 2. 22
 - ☒ 3. 24
 - ☒ 4. 21

Question ID : 948911528
Option 1 ID : 9489112112
Option 2 ID : 9489112110
Option 3 ID : 9489112111
Option 4 ID : 9489112109
Status : Answered
Chosen Option : 2

Q.18 : Driving his car at the speed of 30 km/h, Vinod reaches his office 5 min late. If his speed is 40 km/h, he reaches the office 3 min early. Find the distance he travels between his residence and his office.

- Ans
- ☒ 1. 16 km
 - ☐ 2. 20 km
 - ☐ 3. 15 km
 - ☐ 4. 18 km

Question ID : 948911762

Option 1 ID : 9489113046

Option 2 ID : 9489113047

Option 3 ID : 9489113048

Option 4 ID : 9489113045

Status : Answered

Chosen Option : 1

Q.19 : ABC is a right-angled triangle. A circle is inscribed in it. The length of the two sides containing the right angle are 10 cm and 24 cm. Find the radius of the circle.

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

Question ID : 948911769

Option 1 ID : 9489113076

Option 2 ID : 9489113075

Option 3 ID : 9489113074

Option 4 ID : 9489113073

Status : Not Answered

Chosen Option : --

Q.20 : When was the Atomic Energy amendment bill passed by parliament to allow joint ventures between public sector undertakings in nuclear power generation?

- Ans
- ☐ 1. 2014
 - ☐ 2. 2012
 - ☐ 3. 2010
 - ☒ 4. 2015

Question ID : 948911532

Option 1 ID : 9489112127

Option 2 ID : 9489112126

Option 3 ID : 9489112125

Option 4 ID : 9489112128

Status : Answered

Chosen Option : 4

Q.21 Which is the fat-storing tissue in our body?

- Ans
- ☐ 1. Areolar tissue
 - ☒ 2. Adipose tissue
 - ☐ 3. Vascular tissue
 - ☐ 4. Epithelial tissue

Question ID : 948911513
Option 1 ID : 9489112049
Option 2 ID : 9489112050
Option 3 ID : 9489112051
Option 4 ID : 9489112052

Status : Answered
Chosen Option : 2

Q.22 Which acid is present in the ant sting?

- Ans
- ☐ 1. Acetic acid
 - ☒ 2. Methanoic acid
 - ☐ 3. Tartaric acid
 - ☐ 4. Lactic acid

Question ID : 948911511
Option 1 ID : 9489112042
Option 2 ID : 9489112044
Option 3 ID : 9489112041
Option 4 ID : 9489112043

Status : Answered
Chosen Option : 2

Q.23 A rhombus has one of its diagonal 65% of the other. A square is drawn using the longer diagonal as side. What will be the ratio of the area of the rhombus to that of the square?

- Ans
- ☐ 1. 18 : 15
 - ☒ 2. 13 : 40
 - ☐ 3. 15 : 18
 - ☐ 4. 40 : 13

Question ID : 948911765
Option 1 ID : 9489113060
Option 2 ID : 9489113057
Option 3 ID : 9489113059
Option 4 ID : 9489113058

Status : Answered
Chosen Option : 2

Q.24 In an isosceles triangle ABC, if $AB = AC = 26$ cm and $BC = 20$ cm, find the area of triangle ABC.

- Ans
- ☒ 1. 260 cm^2
 - ☒ 2. 240 cm^2
 - ☒ 3. 220 cm^2
 - ☒ 4. 180 cm^2

Question ID : 948911768

Option 1 ID : 9489113072

Option 2 ID : 9489113069

Option 3 ID : 9489113070

Option 4 ID : 9489113071

Status : Answered

Chosen Option : 2

Q.25 The average weight of P, Q and R is 58 kg. If the average weight of P and Q is 54 kg and that of Q and R is 48 kg, then the weight of Q is:

- Ans
- ☒ 1. 26 kg
 - ☒ 2. 32 kg
 - ☒ 3. 30 kg
 - ☒ 4. 28 kg

Question ID : 948911772

Option 1 ID : 9489113088

Option 2 ID : 9489113086

Option 3 ID : 9489113085

Option 4 ID : 9489113087

Status : Answered

Chosen Option : 3

Q.26 Find the smallest number by which 35280 must be divided so that the quotient is a perfect square.

- Ans
- ☒ 1. 5
 - ☒ 2. 7
 - ☒ 3. 3
 - ☒ 4. 4

Question ID : 948911750

Option 1 ID : 9489113000

Option 2 ID : 9489112997

Option 3 ID : 9489112998

Option 4 ID : 9489112999

Status : Answered

Chosen Option : 1

Q.27 Where was the first British presidency established in India?

- Ans ☒ 1. Surat
☐ 2. Goa
☐ 3. Kolkata
☐ 4. Mumbai

Question ID : 948911518
Option 1 ID : 9489112072
Option 2 ID : 9489112071
Option 3 ID : 9489112070
Option 4 ID : 9489112069
Status : Answered
Chosen Option : 1

Q.28 A number is first decreased by 20% and then increased by 15%. The number so obtained is 64 less than the original number. The original number is:

- Ans ☒ 1. 800
☐ 2. 850
☐ 3. 600
☐ 4. 700

Question ID : 948911757
Option 1 ID : 9489113026
Option 2 ID : 9489113025
Option 3 ID : 9489113028
Option 4 ID : 9489113027
Status : Answered
Chosen Option : 1

Q.29 Where is the Sambhar Lake situated?

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

Question ID : 948911525
Option 1 ID : 9489112097
Option 2 ID : 9489112098
Option 3 ID : 9489112099
Option 4 ID : 9489112100
Status : Answered
Chosen Option : 2

Q.30 Who is considered the father of white revolution in India?

- Ans
- ☐ 1. Arun Krishnan
 - ☒ 2. Verghese Kurien
 - ☐ 3. Indira Gandhi
 - ☐ 4. MS Swaminathan

Question ID : 948911505
Option 1 ID : 9489112018
Option 2 ID : 9489112019
Option 3 ID : 9489112017
Option 4 ID : 9489112020
Status : Answered
Chosen Option : 2

Q.31 Select the assumption that can be drawn from the given statement.

‘Doctors who charge high consultation fees are good’.

- Ans
- ☐ 1. The doctor is a good practitioner.
 - ☐ 2. A doctor who charges less consultation fee is unpopular.
 - ☒ 3. A doctor's proficiency is directly related to consultation fees.
 - ☐ 4. The doctor has many patients.

Question ID : 9489111082
Option 1 ID : 9489114325
Option 2 ID : 9489114328
Option 3 ID : 9489114327
Option 4 ID : 9489114326
Status : Answered
Chosen Option : 1

Q.32 If 'all philosophers are rationalists' and 'Socrates is a philosopher', then which of the given conclusions follow?

- Ans
- ☐ 1. All rationalists are philosophers.
 - ☐ 2. No philosophers are rationalists.
 - ☐ 3. Socrates is not a rationalist.
 - ☒ 4. Socrates is a rationalist.

Question ID : 9489111077
Option 1 ID : 9489114305
Option 2 ID : 9489114307
Option 3 ID : 9489114308
Option 4 ID : 9489114306
Status : Answered
Chosen Option : 4

Q.33 Taxol is extracted from which plant?

- Ans
- ☒ 1. Chir
 - ☒ 2. Neem
 - ☒ 3. Pine
 - ☒ 4. Yew

Question ID : 948911515

Option 1 ID : 9489112059

Option 2 ID : 9489112058

Option 3 ID : 9489112060

Option 4 ID : 9489112057

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.34 Find the value of $\tan 15^\circ + \cot 15^\circ$

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

Question ID : 948911771

Option 1 ID : 9489113081

Option 2 ID : 9489113084

Option 3 ID : 9489113082

Option 4 ID : 9489113083

Status : Answered

Chosen Option : 1

Q.35 When was the first Passenger train run in India?

- Ans
- ☒ 1. 1856
 - ☒ 2. 1857
 - ☒ 3. 1853
 - ☒ 4. 1854

Question ID : 948911523

Option 1 ID : 9489112091

Option 2 ID : 9489112092

Option 3 ID : 9489112090

Option 4 ID : 9489112089

Status : Answered

Chosen Option : 3

Q.36 The Buland Darwaza at Fatehpur Sikri was erected by Akbar to celebrate his conquest of _____.

- Ans
- ☒ 1. Bengal
 - ☒ 2. Mewar
 - ☒ 3. Kashmir
 - ☒ 4. Gujarat

Question ID : 948911509

Option 1 ID : 9489112036

Option 2 ID : 9489112035

Option 3 ID : 9489112034

Option 4 ID : 9489112033

Status : Answered

Chosen Option : 4

Q.37 As of November 2020, how many nuclear power reactors are operating in India?

- Ans
- ☒ 1. 21
 - ☒ 2. 23
 - ☒ 3. 22
 - ☒ 4. 20

Question ID : 948911531

Option 1 ID : 9489112122

Option 2 ID : 9489112124

Option 3 ID : 9489112123

Option 4 ID : 9489112121

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.38 In which year was the construction of Jama Masjid of Delhi completed?

- Ans
- ☒ 1. 1652
 - ☒ 2. 1653
 - ☒ 3. 1655
 - ☒ 4. 1656

Question ID : 948911520

Option 1 ID : 9489112078

Option 2 ID : 9489112077

Option 3 ID : 9489112079

Option 4 ID : 9489112080

Status : Not Answered

Chosen Option : --

Q.39 Select the option that is related to the third term in the same way as the second term is related to the first term.

Hospital : Health :: School : ?

- Ans
- ☒ 1. Economy
 - ☒ 2. Society
 - ☒ 3. Education
 - ☒ 4. Books

Question ID : 9489111075

Option 1 ID : 9489114298

Option 2 ID : 9489114300

Option 3 ID : 9489114299

Option 4 ID : 9489114297

Status : Answered

Chosen Option : 3

Q.40 Select the number from among the given options that can replace the question mark (?) in the following series.

156, 182, 210, ?

- Ans
- ☒ 1. 240
 - ☒ 2. 236
 - ☒ 3. 202
 - ☒ 4. 210

Question ID : 9489111086

Option 1 ID : 9489114342

Option 2 ID : 9489114341

Option 3 ID : 9489114344

Option 4 ID : 9489114343

Status : Answered

Chosen Option : 1

Q.41 30 men and 15 boys can do a piece of work in 10 days. 25 men and 10 boys can do it in 9 days. Find the ratio of the daily work done by a man to that of a boy.

- Ans
- ☒ 1. 14 : 5
 - ☒ 2. 5 : 12
 - ☒ 3. 12 : 5
 - ☒ 4. 5 : 14

Question ID : 948911761

Option 1 ID : 9489113041

Option 2 ID : 9489113044

Option 3 ID : 9489113043

Option 4 ID : 9489113042

Status : Answered

Chosen Option : 3

Q.42 E is older than C. D is older than C but younger than E. A is younger than D and C. C is older than B. Who is the youngest?

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

Question ID : 9489111099

Option 1 ID : 9489114394

Option 2 ID : 9489114393

Option 3 ID : 9489114396

Option 4 ID : 9489114395

Status : Answered

Chosen Option : 1

Q.43 Observe the table and answer the question below.

The table gives the pass percentage of class X students of five government schools in Delhi on the basis of gender.

School	Pass Percentage	Ratio of boys and girls
A	35	3:8
B	52	3:5
C	24	1:2
D	19	5:2
E	15	5:3

What is the ratio of the pass percentage of boys of school B to the pass percentage of boys of school C?

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

Question ID : 9489111092

Option 1 ID : 9489114368

Option 2 ID : 9489114366

Option 3 ID : 9489114365

Option 4 ID : 9489114367

Status : Answered

Chosen Option : 1

Q.44 By selling a car for ₹1,20,000, David makes a profit of 20%. What will be the selling price of the car if he sells it at 30% profit?

- Ans
- ☒ 1. ₹1,35,000
 - ☒ 2. ₹1,25,000
 - ☒ 3. ₹1,40,000
 - ☒ 4. ₹1,30,000

Question ID : 948911756

Option 1 ID : 9489113023

Option 2 ID : 9489113022

Option 3 ID : 9489113024

Option 4 ID : 9489113021

Status : Answered

Chosen Option : 4

Q.45 A few lead spheres of diameter 6 cm are dropped into a cylindrical beaker containing some water such that they are fully submerged. If the diameter of the beaker is 9 cm and the water level has risen by 32 cm, find the number of lead spheres dropped into the beaker.

- Ans
- ☒ 1. 18
 - ☒ 2. 15
 - ☒ 3. 16
 - ☒ 4. 14

Question ID : 948911764

Option 1 ID : 9489113053

Option 2 ID : 9489113054

Option 3 ID : 9489113055

Option 4 ID : 9489113056

Status : Not Answered

Chosen Option : --

Q.46 GSAT-31 is an/a _____

- Ans
- ☒ 1. Navigational Satellite
 - ☒ 2. Polar Satellite
 - ☒ 3. Telecommunication Satellite
 - ☒ 4. Experimental Satellite

Question ID : 948911530

Option 1 ID : 9489112120

Option 2 ID : 9489112119

Option 3 ID : 9489112118

Option 4 ID : 9489112117

Status : Answered

Chosen Option : 3

Q.47 As on Nov, 2020, where is India's newest high court built?

- Ans ☒ 1. Amravati
☒ 2. Warangal
☒ 3. Vishakhapatnam
☒ 4. Nellore

Question ID : 948911529
 Option 1 ID : 9489112114
 Option 2 ID : 9489112116
 Option 3 ID : 9489112113
 Option 4 ID : 9489112115
 Status : Answered
 Chosen Option : 1

Q.48 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?)



- Ans ☒ 1. 7
☒ 2. 9
☒ 3. 8
☒ 4. 5

Question ID : 9489111100
 Option 1 ID : 9489114397
 Option 2 ID : 9489114400
 Option 3 ID : 9489114398
 Option 4 ID : 9489114399
 Status : Answered
 Chosen Option : 3

Q.49 In Telecom field, ISP stands for:

- Ans ☒ 1. Internet Speed Provider
☒ 2. Internet Speed Protocol
☒ 3. Internet Service Protocol
☒ 4. Internet Service Provider

Question ID : 948911536
 Option 1 ID : 9489112144
 Option 2 ID : 9489112142
 Option 3 ID : 9489112141
 Option 4 ID : 9489112143
 Status : Answered
 Chosen Option : 4

Q.50 Simplify.

$$15 - 6.3 \div 7 + 3 \times 1.3 - 2$$

- Ans
- ☐ 1. 19
 - ☐ 2. 17
 - ☒ 3. 16
 - ☐ 4. 18

Question ID : 948911744

Option 1 ID : 9489112975

Option 2 ID : 9489112976

Option 3 ID : 9489112973

Option 4 ID : 9489112974

Status : Answered

Chosen Option : 3

Q.51 When was Reserve Bank of India established?

- Ans
- ☐ 1. April' 1936
 - ☐ 2. April' 1948
 - ☐ 3. April' 1945
 - ☒ 4. April' 1935

Question ID : 948911535

Option 1 ID : 9489112138

Option 2 ID : 9489112140

Option 3 ID : 9489112139

Option 4 ID : 9489112137

Status : Answered

Chosen Option : 4

Q.52 Which city was the cleanest city of India (in category Cities>10 Lakh) as per Swachh Survekshan 2020?

- Ans
- ☐ 1. Jaipur
 - ☒ 2. Indore
 - ☐ 3. Bhopal
 - ☐ 4. Chandigarh

Question ID : 948911541

Option 1 ID : 9489112164

Option 2 ID : 9489112162

Option 3 ID : 9489112163

Option 4 ID : 9489112161

Status : Answered

Chosen Option : 2

Q.53 What is the other name of Newton's first law of motion?

- Ans
- ☒ 1. Law of inertia
 - ☐ 2. Law of movement
 - ☐ 3. Law of momentum
 - ☐ 4. Law of displacement

Question ID : 948911514
Option 1 ID : 9489112054
Option 2 ID : 9489112055
Option 3 ID : 9489112053
Option 4 ID : 9489112056
Status : Answered
Chosen Option : 1

Q.54 What was the sex ratio of India as per 2011 census?

- Ans
- ☒ 1. 940
 - ☐ 2. 930
 - ☐ 3. 960
 - ☐ 4. 925

Question ID : 948911522
Option 1 ID : 9489112087
Option 2 ID : 9489112086
Option 3 ID : 9489112088
Option 4 ID : 9489112085
Status : Answered
Chosen Option : 4

Q.55 If x and y are two positive numbers such that

$\sqrt{x} = 8$ and $x^2 + y = 4112$, then find the value of $\sqrt{y}$.

- Ans
- ☐ 1. 6
 - ☐ 2. 16
 - ☐ 3. 2
 - ☒ 4. 4

Question ID : 948911751
Option 1 ID : 9489113004
Option 2 ID : 9489113001
Option 3 ID : 9489113003
Option 4 ID : 9489113002
Status : Answered
Chosen Option : 4

Q.56 Simplify.

$$17 - 4 \times (5.4 \div 9) + 6 \times 1.9$$

- Ans
- ☒ 1. 28
 - ☒ 2. 22
 - ☒ 3. 26
 - ☒ 4. 24

Question ID : 948911745

Option 1 ID : 9489112979

Option 2 ID : 9489112980

Option 3 ID : 9489112978

Option 4 ID : 9489112977

Status : Answered

Chosen Option : 3

Q.57 Simplify.

$$25 \div 10 - \left\{ \frac{7}{4} \times \frac{1}{3} \right\} \times \frac{6}{5} + \frac{14}{3} \times \frac{9}{10} - \left\{ \frac{1}{5} \div \frac{1}{25} \right\}$$

- Ans
- ☒ 1. 1
 - ☒ 2. 10
 - ☒ 3. 5
 - ☒ 4. 11

Question ID : 948911746

Option 1 ID : 9489112983

Option 2 ID : 9489112984

Option 3 ID : 9489112981

Option 4 ID : 9489112982

Status : Answered

Chosen Option : 1

Q.58 Eight people are sitting at a square table. Tina is sitting opposite Umida, who is sitting between Sharda and Nita. Sharda is diagonally opposite Priya, who is sitting to the right of Vijaya. Vijaya is facing Madhu, who is to the right of Rita. Who is sitting diagonally opposite Nita?

- Ans
- ☒ 1. Priya
 - ☒ 2. Rita
 - ☒ 3. Madhu
 - ☒ 4. Sharda

Question ID : 9489111103

Option 1 ID : 9489114412

Option 2 ID : 9489114411

Option 3 ID : 9489114409

Option 4 ID : 9489114410

Status : Answered

Chosen Option : 2

Q.59 Eminent social reformer and Women's education activist Pandita Ramabai Sarabhai was a great scholar of _____

- Ans
- ☒ 1. English
 - ☒ 2. Marathi
 - ☒ 3. Hindi
 - ☒ 4. Sanskrit

Question ID : 948911517

Option 1 ID : 9489112068

Option 2 ID : 9489112066

Option 3 ID : 9489112065

Option 4 ID : 9489112067

Status : Answered

Chosen Option : 4

Q.60 Where is the headquarters of UNICEF situated?

- Ans
- ☒ 1. Zurich
 - ☒ 2. New York
 - ☒ 3. Paris
 - ☒ 4. Washington DC

Question ID : 948911533

Option 1 ID : 9489112131

Option 2 ID : 9489112129

Option 3 ID : 9489112132

Option 4 ID : 9489112130

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.61 When the integer a is divided by 9, the remainder is 4. What is the remainder if $12a$ is divided by 9?

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

Question ID : 948911753

Option 1 ID : 9489113009

Option 2 ID : 9489113010

Option 3 ID : 9489113011

Option 4 ID : 9489113012

Status : Answered

Chosen Option : 2

Q.62 The ratio of the incomes of Anur and Komal is 5 : 4 and the ratio of their expenditure is 2 : 1. If each of them saves Rs. 000 per month, find Anur's income.

- Ans**
- ☒ 1. ₹10,000
 - ☐ 2. ₹6,000
 - ☐ 3. ₹12,000
 - ☐ 4. ₹8,000

Question ID : 948911754
 Option 1 ID : 9489113013
 Option 2 ID : 9489113015
 Option 3 ID : 9489113016
 Option 4 ID : 9489113014
 Status : Answered
 Chosen Option : 1

Q.63 If $\sec\theta = 5x$ and $\tan\theta = \frac{5}{x}$, then the value of $10\left(x^2 - \frac{1}{x^2}\right)$ is:

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

Question ID : 948911770
 Option 1 ID : 9489113078
 Option 2 ID : 9489113077
 Option 3 ID : 9489113079
 Option 4 ID : 9489113080
 Status : Answered
 Chosen Option : 2

Q.64 Select the alphanumeric cluster from among the given options that can replace the question mark (?) in the following series.

D4K3B1A1, H8G7F6E5, L1J6I1J1029, ?

- Ans**
- ☐ 1. Q17P16O15N14
 - ☐ 2. M15N16O17P18
 - ☒ 3. P16O15N14M13
 - ☐ 4. P16R15S14T13

Question ID : 9489111085
 Option 1 ID : 9489114339
 Option 2 ID : 9489114337
 Option 3 ID : 9489114340
 Option 4 ID : 9489114338
 Status : Answered
 Chosen Option : 3

Q.65 Find the sum of the numbers between 400 and 500 such that when 8, 12, and 16 divide them, it leaves 5 as remainder in each case.

- Ans
- ☒ 1. 932
 - ☒ 2. 922
 - ☒ 3. 942
 - ☒ 4. 912

Question ID : 948911747
Option 1 ID : 9489112986
Option 2 ID : 9489112988
Option 3 ID : 9489112985
Option 4 ID : 9489112987
Status : Answered
Chosen Option : 2

Q.66 Who has written the narrative history 'India after Gandhi'?

- Ans
- ☒ 1. Rupa Bajwa
 - ☒ 2. Malathi Rao
 - ☒ 3. Arundhati Roy
 - ☒ 4. Ramachandra Guha

Question ID : 948911510
Option 1 ID : 9489112040
Option 2 ID : 9489112037
Option 3 ID : 9489112039
Option 4 ID : 9489112038
Status : Answered
Chosen Option : 4

Q.67 For every 18 eggs that Nisori buys, three eggs turn out to be rotten. At the same rate, how many good eggs will Nisori have if she buys 690 eggs?

- Ans
- ☒ 1. 585
 - ☒ 2. 475
 - ☒ 3. 575
 - ☒ 4. 565

Question ID : 948911755
Option 1 ID : 9489113020
Option 2 ID : 9489113019
Option 3 ID : 9489113018
Option 4 ID : 9489113017
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.68 If $x + x^{-1} = 7$, then find the value of $x^3 + x^{-3}$.

- Ans
- ☒ 1. 312
 - ☒ 2. 332
 - ☒ 3. 322
 - ☒ 4. 342

Question ID : 948911767
Option 1 ID : 9489113065
Option 2 ID : 9489113067
Option 3 ID : 9489113066
Option 4 ID : 9489113068
Status : Answered
Chosen Option : 3

Q.69 Find the rate of interest for a sum that becomes $\frac{14641}{10000}$ times of itself in 4 years compounded annually.

- Ans
- ☒ 1. 15%
 - ☒ 2. 12%
 - ☒ 3. 20%
 - ☒ 4. 10%

Question ID : 948911759
Option 1 ID : 9489113034
Option 2 ID : 9489113035
Option 3 ID : 9489113036
Option 4 ID : 9489113033
Status : Answered
Chosen Option : 4

Q.70 Who has won the Nine Dots Prize Award 2019?

- Ans
- ☒ 1. Annie Zaidi
 - ☒ 2. Chetan Bhagat
 - ☒ 3. Sandeep Maheshwari
 - ☒ 4. James Williams

Question ID : 948911507
Option 1 ID : 9489112028
Option 2 ID : 9489112025
Option 3 ID : 9489112026
Option 4 ID : 9489112027
Status : Not Answered
Chosen Option : --

Q.71 As per Inland Waterways Authority of India, what is the approximate total length of navigable inland waterways of India?

- Ans
- ☒ 1. 12400 km
 - ☒ 2. 15600 km
 - ☒ 3. 13600 km
 - ☒ 4. 14500 km

Question ID : 948911526

Option 1 ID : 9489112104

Option 2 ID : 9489112101

Option 3 ID : 9489112102

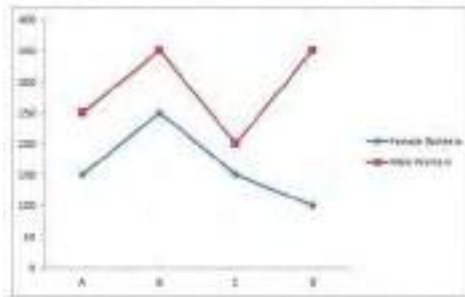
Option 4 ID : 9489112103

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

Chosen Option : --

Q.72 Observe the graph and answer the question below.

The graph represents the number of male and female workers in four different companies.



Which company has the maximum difference in the number of male and female employees?

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

Question ID : 9489111090

Option 1 ID : 9489114357

Option 2 ID : 9489114358

Option 3 ID : 9489114359

Option 4 ID : 9489114360

Status : **Answered**

Chosen Option : 1

Q.73 If 'A' represents 'subtraction', 'B' represents 'multiplication', 'C' represents 'division' and 'D' represents 'addition', then what is the value of $(3B + DSA) \div C$?

- Ans
- ☒ 1. 1
 - ☒ 2. 0
 - ☒ 3. 11
 - ☒ 4. 10

Question ID : 9489111088

Option 1 ID : 9489114349

Option 2 ID : 9489114350

Option 3 ID : 9489114351

Option 4 ID : 9489114352

Status : Answered

Chosen Option : 3

Q.74 Ravi Kumar bought two LED TV sets for ₹40,000. By selling one at a profit of 20% and the other at a loss of 15%, he found that the selling prices of both the TV sets are the same. Find his overall gain or loss.

- Ans
- ☒ 1. ₹200 loss
 - ☒ 2. ₹400 gain
 - ☒ 3. ₹400 loss
 - ☒ 4. ₹200 gain

Question ID : 948911760

Option 1 ID : 9489113037

Option 2 ID : 9489113040

Option 3 ID : 9489113039

Option 4 ID : 9489113038

Status : Not Answered

Chosen Option : --

Q.75 If $a + b + c = 14$, $ab + bc + ca = 47$ and $abc = 15$ then find the value of $a^3 + b^3 + c^3$.

- Ans
- ☒ 1. 845
 - ☒ 2. 825
 - ☒ 3. 835
 - ☒ 4. 815

Question ID : 948911766

Option 1 ID : 9489113064

Option 2 ID : 9489113062

Option 3 ID : 9489113063

Option 4 ID : 9489113061

Status : Not Answered

Chosen Option : --

Q.76 The Right to Free and Compulsory Education Act was passed by Parliament in the year _____

- Ans
- ☒ 1. 2010
 - ☒ 2. 2006
 - ☒ 3. 2009
 - ☒ 4. 2011

Question ID : 948911539
Option 1 ID : 9489112155
Option 2 ID : 9489112153
Option 3 ID : 9489112154
Option 4 ID : 9489112156
Status : Answered
Chosen Option : 2

Q.77 The law that permitted widows to remarry (Hindu Widows' Remarriage Act) was passed in the year _____

- Ans
- ☒ 1. 1854
 - ☒ 2. 1856
 - ☒ 3. 1855
 - ☒ 4. 1858

Question ID : 948911519
Option 1 ID : 9489112073
Option 2 ID : 9489112074
Option 3 ID : 9489112076
Option 4 ID : 9489112075
Status : Answered
Chosen Option : 4

Q.78 Sushil Kumar won the Olympic medal for:

- Ans
- ☒ 1. Wrestling
 - ☒ 2. Boxing
 - ☒ 3. Shooting
 - ☒ 4. Weightlifting

Question ID : 948911506
Option 1 ID : 9489112023
Option 2 ID : 9489112022
Option 3 ID : 9489112021
Option 4 ID : 9489112024
Status : Not Answered
Chosen Option : --

Q.79 Anil lent ₹7,200 to Debey for 3 years and ₹8,400 to Raghu for 4 years on simple interest at the same rate of interest and received ₹4,008 in total from them as interest. Find the rate of interest p.a.

- Ans**
- ☒ 1. 8%
 - ☒ 2. 12%
 - ☒ 3. 9%
 - ☒ 4. 10%

Question ID : 948911758
 Option 1 ID : 9489113030
 Option 2 ID : 9489113032
 Option 3 ID : 9489113029
 Option 4 ID : 9489113031
 Status : Answered
 Chosen Option : 3

Q.80 Find the greatest number of five digits, which is exactly divisible by 468.

- Ans**
- ☒ 1. 99486
 - ☒ 2. 99468
 - ☒ 3. 99684
 - ☒ 4. 99864

Question ID : 948911752
 Option 1 ID : 9489113008
 Option 2 ID : 9489113007
 Option 3 ID : 9489113005
 Option 4 ID : 9489113006
 Status : Answered
 Chosen Option : 3

Q.81 Two cars start from Ahmedabad and run in opposite directions with one car's speed being 200 km/h more than the other. If they are 4500 km apart after 9 h, then the sum of the speeds of both the cars is:

- Ans**
- ☒ 1. 500 km/h
 - ☒ 2. 350 km/h
 - ☒ 3. 250 km/h
 - ☒ 4. 150 km/h

Question ID : 948911763
 Option 1 ID : 9489113052
 Option 2 ID : 9489113049
 Option 3 ID : 9489113051
 Option 4 ID : 9489113050
 Status : Answered
 Chosen Option : 1

Q.82 If A is the father of B and B is the father of C, then how is C related to A?

- Ans
- ☒ 1. Granddaughter
 - ☒ 2. Grandson
 - ☒ 3. Grandfather
 - ☒ 4. Grandchild

Question ID : 9489111078

Option 1 ID : 9489114312

Option 2 ID : 9489114310

Option 3 ID : 9489114309

Option 4 ID : 9489114311

Status : Answered

Chosen Option : 2

Q.83 The captain of a cricket team of 11 members is 38 years old and the wicket keeper is 5 years older than the captain. If the ages of these two are excluded, the average age of the remaining players is three years less than the average age of the whole team. What is the average age of the whole team?

- Ans
- ☒ 1. 24 years
 - ☒ 2. 28 years
 - ☒ 3. 26 years
 - ☒ 4. 25 years

Question ID : 948911773

Option 1 ID : 9489113090

Option 2 ID : 9489113092

Option 3 ID : 9489113091

Option 4 ID : 9489113089

Status : Answered

Chosen Option : 1

Q.84 In a certain code language, DESTINY is written as YNTSRED. How will DIGNITY be written in that language?

- Ans
- ☒ 1. YGITNID
 - ☒ 2. YIGTIND
 - ☒ 3. YTINGID
 - ☒ 4. YINGTID

Question ID : 9489111080

Option 1 ID : 9489114317

Option 2 ID : 9489114319

Option 3 ID : 9489114320

Option 4 ID : 9489114318

Status : Answered

Chosen Option : 3

Q.85 When was Project Tiger launched in India?

- Ans
- ☒ 1. 1970
 - ☐ 2. 1973
 - ☐ 3. 1980
 - ☐ 4. 1975

Question ID : 948911516
 Option 1 ID : 9489112061
 Option 2 ID : 9489112062
 Option 3 ID : 9489112064
 Option 4 ID : 9489112063
 Status : Answered
 Chosen Option : 2

Q.86 A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question: Who is the shortest among A, B, C, D and E?

Statements:

- I. A is taller than E but shorter than D.
- II. B is shorter than C but taller than E.
- III. D is taller than C and A is taller than B.

- Ans
- ☒ 1. Statements I and II together are sufficient.
 - ☐ 2. Statements I and III together are sufficient.
 - ☐ 3. Statements I, II and III are insufficient.
 - ☐ 4. Statements I, II and III are sufficient.

Question ID : 9489111081
 Option 1 ID : 9489114321
 Option 2 ID : 9489114323
 Option 3 ID : 9489114324
 Option 4 ID : 9489114322
 Status : Answered
 Chosen Option : 4

Q.87 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACDE, OUL, MOPR, ?

- Ans
- ☒ 1. SUVX
 - ☐ 2. SVTX
 - ☐ 3. STVX
 - ☐ 4. SVUX

Question ID : 9489111083
 Option 1 ID : 9489114329
 Option 2 ID : 9489114331
 Option 3 ID : 9489114330
 Option 4 ID : 9489114332
 Status : Answered
 Chosen Option : 1

Q.88 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 12, 26, 54, ?, 222, 446

- Ans
- ☒ 1. 112
 - ☒ 2. 108
 - ☒ 3. 116
 - ☒ 4. 110

Question ID : 9489111087

Option 1 ID : 9489114348

Option 2 ID : 9489114345

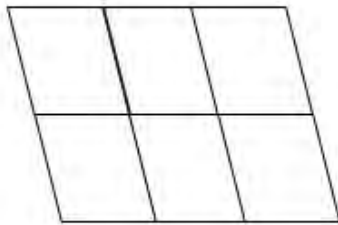
Option 3 ID : 9489114347

Option 4 ID : 9489114346

Status : Answered

Chosen Option : 4

Q.89 Count the number of parallelograms in the following figure.



- Ans
- ☒ 1. 16
 - ☒ 2. 18
 - ☒ 3. 14
 - ☒ 4. 20

Question ID : 9489111097

Option 1 ID : 9489114387

Option 2 ID : 9489114386

Option 3 ID : 9489114385

Option 4 ID : 9489114388

Status : Answered

Chosen Option : 4

Q.90 Select the number from among the given options that can replace the question mark (?) in the following series.

214, 197, 179, 160, ?

- Ans
- ☒ 1. 159
 - ☒ 2. 149
 - ☒ 3. 140
 - ☒ 4. 147

Question ID : 9489111084

Option 1 ID : 9489114333

Option 2 ID : 9489114334

Option 3 ID : 9489114335

Option 4 ID : 9489114336

Status : Answered

Chosen Option : 3

Q.91 Out of the four materials listed, three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. Iron
 - ☒ 2. Gold
 - ☒ 3. Steel
 - ☒ 4. Silver

Question ID : 9489111094

Option 1 ID : 9489114374

Option 2 ID : 9489114376

Option 3 ID : 9489114373

Option 4 ID : 9489114375

Status : Answered

Chosen Option : 3

Q.92 How many straight lines does a cuboid have?

- Ans
- ☒ 1. 10
 - ☒ 2. 12
 - ☒ 3. 16
 - ☒ 4. 24

Question ID : 9489111098

Option 1 ID : 9489114389

Option 2 ID : 9489114390

Option 3 ID : 9489114391

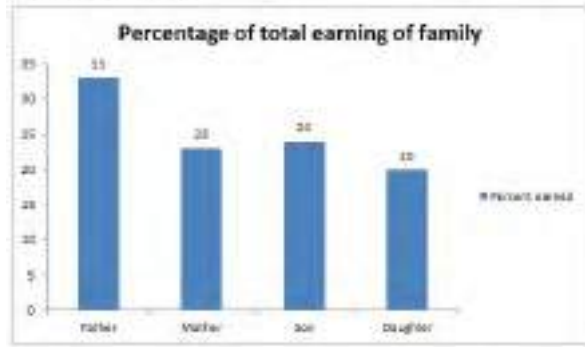
Option 4 ID : 9489114392

Status : Answered

Chosen Option : 2

Q.93 Observe the bar graph and answer the question below.

The total annual earnings of a family of four members is ₹12 lakhs. The bar graph shows the percentage of contribution of each family member.



What is the difference in the salary of the highest and the lowest earning members?

Ans

- ☒ 1. ₹1,560
- ☒ 2. ₹15,600
- ☒ 3. ₹11,60,000
- ☒ 4. ₹1,56,000

Question ID : 9489111091

Option 1 ID : 9489114364

Option 2 ID : 9489114361

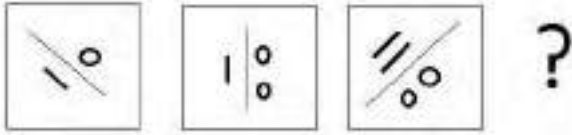
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Option 4 ID : 9489114362

Status : Answered

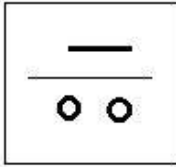
Chosen Option : 4

Q.94 Select the pattern from among the given options that will come next in the following series.

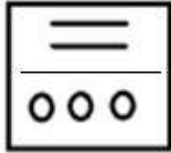


Ans

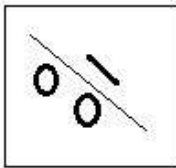
☒ 1.



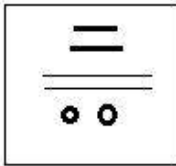
☒ 2.



☒ 3.



☒ 4.



Question ID : 9489111102

Option 1 ID : 9489114406

Option 2 ID : 9489114407

Option 3 ID : 9489114408

Option 4 ID : 9489114405

Status : Answered

Chosen Option : 2

Q.95 Study the given table carefully and select the number from among the given options that can replace the question mark (?)

8	9
27	8
25	38
7	8
48	8
87	38

- Ans**
- ☒ 1. 33
 - ☒ 2. 32
 - ☒ 3. 49
 - ☒ 4. 41

Question ID : 9489111101

Option 1 ID : 9489114403

Option 2 ID : 9489114401

Option 3 ID : 9489114402

Option 4 ID : 9489114404

Status : Answered

Chosen Option : 4

Q.96 In a certain code language, VAGABOND is written as NDVABOGA. How will PRACTICE be written as in that language?

- Ans**
- ☒ 1. CEPRTIAC
 - ☒ 2. CEACTIPR
 - ☒ 3. PRCETIAC
 - ☒ 4. CERPTIAC

Question ID : 9489111079

Option 1 ID : 9489114314

Option 2 ID : 9489114315

Option 3 ID : 9489114313

Option 4 ID : 9489114316

Status : Answered

Chosen Option : 1

Q.97 Select the option that is closest to the given shapes?

Square, Rhombus, Rectangle, Parallelogram

- Ans
- ☒ 1. Equilateral
 - ☒ 2. Scalene
 - ☒ 3. Quadrilateral
 - ☒ 4. Equiangular

Question ID : 9489111095

Option 1 ID : 9489114379

Option 2 ID : 9489114377

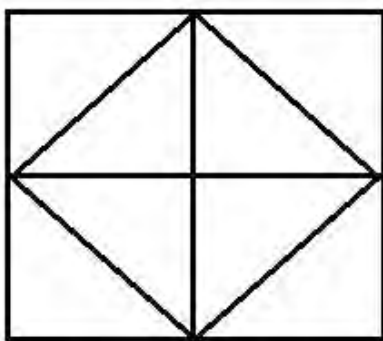
Option 3 ID : 9489114380

Option 4 ID : 9489114378

Status : Answered

Chosen Option : 3

Q.98 Count the number of triangles in the following figure.



- Ans
- ☒ 1. 10
 - ☒ 2. 12
 - ☒ 3. 16
 - ☒ 4. 9

Question ID : 9489111096

Option 1 ID : 9489114384

Option 2 ID : 9489114382

Option 3 ID : 9489114381

Option 4 ID : 9489114383

Status : Answered

Chosen Option : 2

Q.99 If 'some artists are celebrities' and 'all celebrities are millionaires', then which of the given conclusions follow?

- Ans
- ☒ 1. No celebrities are millionaires.
 - ☒ 2. Some artists are millionaires.
 - ☒ 3. No millionaires are celebrities.
 - ☒ 4. All artists are millionaires.

Question ID : 9489111076

Option 1 ID : 9489114303

Option 2 ID : 9489114302

Option 3 ID : 9489114304

Option 4 ID : 9489114301

Status : Answered

Chosen Option : 2

Q.100 Select the option that best describes the given units?

Dollar, Rupee, Yen, Taka

- Ans
- ☒ 1. Wealth
 - ☒ 2. Finance
 - ☒ 3. Economy
 - ☒ 4. Currency

Question ID : 9489111093

Option 1 ID : 9489114369

Option 2 ID : 9489114372

Option 3 ID : 9489114370

Option 4 ID : 9489114371

Status : Answered

Chosen Option : 4