



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 Siliguri
Test Date	26/09/2022
Test Time	12:45 PM - 2:15 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 value of $(1 + \cot^2 \theta)(1 + \cos \theta)(1 - \cos \theta) + (1 - \sin \theta)(1 + \sin \theta)(1 + \tan^2 \theta)$ is:

- Ans ☒ 1. 1
☒ 2. 0
☒ 3. 4
☒ 4. 2

Question ID : 75189712103

Option 1 ID : 75189748410

Option 2 ID : 75189748411

Option 3 ID : 75189748409

Option 4 ID : 75189748412

Status : Answered

Chosen Option : 4

Q.2 If a sum of ₹80,000 is invested for a year at 4% per annum compounded half yearly, then find the compound interest.

- Ans ☒ 1. ₹3,232
☒ 2. ₹2,525
☒ 3. ₹5,252
☒ 4. ₹2,323

Question ID : 75189713305

Option 1 ID : 75189753217

Option 2 ID : 75189753220

Option 3 ID : 75189753219

Option 4 ID : 75189753218

Status : Answered

Chosen Option : 1

Q.3 Eight friends, A, B, C, D, E, F, G and H, are sitting around a circular table facing the centre (but not necessarily in the same order). Only D is sitting between A and E. E is sitting second to the right of F. Only B is sitting between C and G. Only F is sitting between G and H.

What is F's position with respect to D?

- Ans**
- ☒ 1. To the immediate left
 - ☒ 2. Third to the left
 - ☒ 3. To the immediate right
 - ☒ 4. Third to the right

Question ID : 75189711424

Option 1 ID : 75189745695

Option 2 ID : 75189745694

Option 3 ID : 75189745696

Option 4 ID : 75189745693

Status : Answered

Chosen Option : 2

Q.4 The current I flowing through an electric circuit of resistance $10\ \Omega$ is 5 amp. What is the heat generated per second?

- Ans**
- ☒ 1. 250 joule
 - ☒ 2. 50 joule
 - ☒ 3. 250 calorie
 - ☒ 4. 50 calorie

Question ID : 75189713830

Option 1 ID : 75189755317

Option 2 ID : 75189755318

Option 3 ID : 75189755319

Option 4 ID : 75189755320

Status : Answered

Chosen Option : 1

Q.5 A boat goes 30 km upstream and 44 km downstream in a total of 10 hours. It also goes 40 km upstream and 55 km downstream in a total of 13 hours. The speed of the stream is:

- Ans**
- ☒ 1. 5 km/h
 - ☒ 2. 3 km/h
 - ☒ 3. 2 km/h
 - ☒ 4. 4 km/h

Question ID : 75189711784

Option 1 ID : 75189747134

Option 2 ID : 75189747133

Option 3 ID : 75189747135

Option 4 ID : 75189747136

Status : Answered

Chosen Option : 2

Q.6

- Ans
- ☒ 1. 32
 - ☒ 2. 12
 - ☒ 3. 24
 - ☒ 4. 15

Question ID : 75189712615

Option 1 ID : 75189750460

Option 2 ID : 75189750457

Option 3 ID : 75189750459

Option 4 ID : 75189750458

Status : Answered

Chosen Option : 1

Q.7 In this question, the statement is followed by four conclusions. Find out which conclusion is NOT true based on the given statement.

Statement : $P \geq T = W > L < S \leq B$

- Ans
- ☒ 1. $P \leq W$
 - ☒ 2. $P > L$
 - ☒ 3. $T > L$
 - ☒ 4. $L < B$

Question ID : 75189714199

Option 1 ID : 75189756794

Option 2 ID : 75189756796

Option 3 ID : 75189756793

Option 4 ID : 75189756795

Status : Answered

Chosen Option : 1

Q.8 If α and β are the roots of the equation $2x^2 - 3x - 5 = 0$, then the quadratic equation whose roots are $\frac{\alpha}{\beta}$ and $\frac{\beta}{\alpha}$ is:

- Ans
- ☒ 1. $10x^2 + 29x - 10 = 0$
 - ☒ 2. $10x^2 - 29x + 10 = 0$
 - ☒ 3. $10x^2 - 29x - 10 = 0$
 - ☒ 4. $10x^2 + 29x + 10 = 0$

Question ID : 75189712649

Option 1 ID : 75189750595

Option 2 ID : 75189750594

Option 3 ID : 75189750593

Option 4 ID : 75189750596

Status : Answered

Chosen Option : 2

Q.9

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

Question ID : 75189714261
Option 1 ID : 75189757044
Option 2 ID : 75189757042
Option 3 ID : 75189757041
Option 4 ID : 75189757043
Status : Answered
Chosen Option : 4

Q.10 Ram's salary increased by 12% and then decreased by 8%. Find the overall percentage change in his salary.

- Ans  1. 3.04% increase
 2. 3.4% increase
 3. 3.04% decrease
 4. 3.4% decrease

Question ID : 75189712937
Option 1 ID : 75189751745
Option 2 ID : 75189751748
Option 3 ID : 75189751746
Option 4 ID : 75189751747
Status : Answered
Chosen Option : 1

Q.11 Select the number from among the given options that can replace the question mark (?) in the following series.

5, 6, 14, 41, ?

- Ans  1. 95
 2. 169
 3. 105
 4. 188

Question ID : 75189714134
Option 1 ID : 75189756536
Option 2 ID : 75189756533
Option 3 ID : 75189756534
Option 4 ID : 75189756535
Status : Answered
Chosen Option : 3

Q.12

- Ans ☒ 1. Ca
☐ 2. Mg
☐ 3. Na
☐ 4. K

Question ID : 75189714694
Option 1 ID : 75189758773
Option 2 ID : 75189758776
Option 3 ID : 75189758775
Option 4 ID : 75189758774
Status : Not Answered
Chosen Option : --

Q.13 The radius of curvature of a spherical mirror is 40 cm. Its focal length is _____ cm.

- Ans ☐ 1. 30
☒ 2. 20
☐ 3. 40
☐ 4. 10

Question ID : 75189713743
Option 1 ID : 75189754971
Option 2 ID : 75189754969
Option 3 ID : 75189754970
Option 4 ID : 75189754972
Status : Answered
Chosen Option : 2

Q.14 The sum of the interior angles of a quadrilateral is equal to:

- Ans ☐ 1. 270°
☐ 2. 180°
☒ 3. 360°
☐ 4. 390°

Question ID : 75189713412
Option 1 ID : 75189753647
Option 2 ID : 75189753645
Option 3 ID : 75189753646
Option 4 ID : 75189753648
Status : Answered
Chosen Option : 3

Q.15

- Ans ☒ 1. the results of the Mendel's experiments
☐ 2. speciation of organisms
☐ 3. mutation in species
☐ 4. variation in chromosomal number

Question ID : 75189714867
Option 1 ID : 75189759468
Option 2 ID : 75189759467
Option 3 ID : 75189759465
Option 4 ID : 75189759466
Status : Answered
Chosen Option : 3

Q.16 Which of the following gases is evolved when limestone undergoes thermal decomposition?

- Ans ☐ 1. Oxygen
☒ 2. Carbon dioxide
☐ 3. Hydrogen
☐ 4. Carbon monoxide

Question ID : 75189711867
Option 1 ID : 75189747465
Option 2 ID : 75189747468
Option 3 ID : 75189747466
Option 4 ID : 75189747467
Status : Answered
Chosen Option : 2

Q.17 If the cost price of an article is ₹800 and if a 15% loss is incurred on selling the article, find the selling price.

- Ans ☐ 1. ₹760
☐ 2. ₹780
☐ 3. ₹860
☒ 4. ₹680

Question ID : 75189712963
Option 1 ID : 75189751849
Option 2 ID : 75189751850
Option 3 ID : 75189751852
Option 4 ID : 75189751851
Status : Answered
Chosen Option : 4

Q.18

- Ans ☐ 1. 1,040
☒ 2. 1,160
☐ 3. 1,200
☐ 4. 1,150

Question ID : 75189712628

Option 1 ID : 75189750509

Option 2 ID : 75189750511

Option 3 ID : 75189750512

Option 4 ID : 75189750510

Status : Answered

Chosen Option : 2

Q.19 $9(x)$, $x + 6$, $7(x) - 3$ and y are in proportion when $x = 3$. Find the value of y .

- Ans ☐ 1. 54
☒ 2. 6
☐ 3. 45
☐ 4. 63

Question ID : 75189712948

Option 1 ID : 75189751789

Option 2 ID : 75189751791

Option 3 ID : 75189751790

Option 4 ID : 75189751792

Status : Answered

Chosen Option : 2

Q.20 The power input to the circuit when charge of Q coulomb is flowing for t seconds for a potential difference of V volt is _____.

- Ans ☐ 1. $P = Vt/Q$
☐ 2. $P = VQt$
☒ 3. $P = VQ/t$
☐ 4. $P = Qt/V$

Question ID : 75189713825

Option 1 ID : 75189755300

Option 2 ID : 75189755297

Option 3 ID : 75189755299

Option 4 ID : 75189755298

Status : Answered

Chosen Option : 3

Q.21 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Trees are Bushes.
All Bushes are Leaves.
Some Leaves are Green.

Conclusions:

(I) Some Bushes are Green.
(II) Some Trees are Leaves.

Ans ✓ 1. Only conclusion (II) follows.

✗ 2. Neither conclusion (I) nor (II) follows.

✗ 3. Only conclusion (I) follows.

✗ 4. Both conclusions (I) and (II) follow.

Question ID : 75189714594

Option 1 ID : 75189758374

Option 2 ID : 75189758376

Option 3 ID : 75189758373

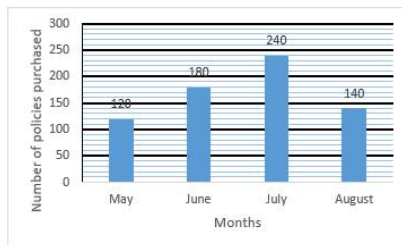
Option 4 ID : 75189758375

Status : Answered

Chosen Option : 1

Q.22 Study the given bar-graph and answer question that follows.

The bar-graph depicts the number of policies purchased in May, June, July and August.



The number of policies purchased in July increased by approximately what per cent as compared to June?

Ans ✓ 1. 33%

✗ 2. 40%

✗ 3. 66%

✗ 4. 75%

Question ID : 75189713674

Option 1 ID : 75189754694

Option 2 ID : 75189754696

Option 3 ID : 75189754693

Option 4 ID : 75189754695

Status : Answered

Chosen Option : 1

Q.23

- Ans  1. EJSW
 2. EGRX
 3. EHPU
 4. EIUZ

Question ID : 75189714914
Option 1 ID : 75189759654
Option 2 ID : 75189759653
Option 3 ID : 75189759656
Option 4 ID : 75189759655
Status : Answered
Chosen Option : 1

Q.24 Sohan is facing north-west. He turns 90° clockwise, then 360° anticlockwise and then 90° clockwise. In which direction is Sohan facing now?

- Ans  1. North-west
 2. North-east
 3. South-west
 4. South-east

Question ID : 75189713109
Option 1 ID : 75189752435
Option 2 ID : 75189752433
Option 3 ID : 75189752436
Option 4 ID : 75189752434
Status : Answered
Chosen Option : 4

Q.25 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

L 16, M 20, O 24, R 28, V 32, ?

- Ans  1. Z 34
 2. A 34
 3. Z 36
 4. A 36

Question ID : 75189714217
Option 1 ID : 75189756868
Option 2 ID : 75189756865
Option 3 ID : 75189756866
Option 4 ID : 75189756867
Status : Answered
Chosen Option : 4

Q.26

- Ans
- ✓ 1. $\frac{4138}{999}$
 - ✗ 2. $\frac{4136}{999}$
 - ✗ 3. $\frac{4142}{999}$
 - ✗ 4. $\frac{4140}{999}$

Question ID : 75189712914

Option 1 ID : 75189751654

Option 2 ID : 75189751653

Option 3 ID : 75189751656

Option 4 ID : 75189751655

Status : Answered

Chosen Option : 1

Q.27 The Kamet peak of Himalaya is located in which state of India?

- Ans
- ✗ 1. Sikkim
 - ✗ 2. Arunachal Pradesh
 - ✓ 3. Uttarakhand
 - ✗ 4. Himachal Pradesh

Question ID : 7518977522

Option 1 ID : 75189730086

Option 2 ID : 75189730085

Option 3 ID : 75189730087

Option 4 ID : 75189730088

Status : Not Answered

Chosen Option : --

Q.28 In a particular language, AC is written as 13 and FG is written as 67. How will HI be written in that language?

- Ans
- ✗ 1. 81
 - ✗ 2. 73
 - ✗ 3. 75
 - ✓ 4. 89

Question ID : 75189713227

Option 1 ID : 75189752907

Option 2 ID : 75189752905

Option 3 ID : 75189752906

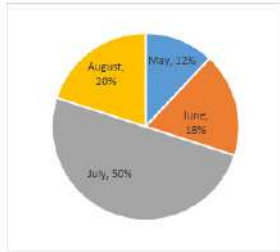
Option 4 ID : 75189752908

Status : Answered

Chosen Option : 4

Q.29 Study the given pie-chart and answer the question that follows.

The pie-chart depicts the percentage of passes issued in 4 months, out of the total number of passes issued (which is 50) in these 4 months together.



The number of passes issued to females in May and June was 3 and 5, respectively. What was the total number of passes issued to males in May and June together?

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

Question ID : 75189713675

Option 1 ID : 75189754699

Option 2 ID : 75189754700

Option 3 ID : 75189754698

Option 4 ID : 75189754697

Status : Answered

Chosen Option : 4

Q.30 According to _____, the Parliament amended the Constitution (42nd Constitutional Amendment) and inserted 'Secular', 'Socialist', and 'Integrity' in the Preamble of the Constitution.

- Ans**
- ☒ 1. Article 358
 - ☒ 2. Article 359
 - ☒ 3. Article 368
 - ☒ 4. Article 366

Question ID : 75189710487

Option 1 ID : 75189741945

Option 2 ID : 75189741947

Option 3 ID : 75189741946

Option 4 ID : 75189741948

Status : Answered

Chosen Option : 3

Q.31

- Ans  1. 22
 2. 2
 3. 1
 4. 11

Question ID : 75189711998
Option 1 ID : 75189747989
Option 2 ID : 75189747991
Option 3 ID : 75189747992
Option 4 ID : 75189747990
Status : Answered
Chosen Option : 2

Q.32 The given table shows the number of people of various age groups visiting a park in a locality. Find the modal age (in years) of the visitors (rounded off to one decimal place).

Age (years)	Number of persons
0-10	4
10-20	14
20-30	18
30-40	23
40-50	27
50-60	16
60-70	8

- Ans  1. 47.2
 2. 42.7
 3. 43.7
 4. 42.1

Question ID : 75189713441
Option 1 ID : 75189753762
Option 2 ID : 75189753763
Option 3 ID : 75189753761
Option 4 ID : 75189753764
Status : Answered
Chosen Option : 4

Q.33 Who received the CSIR Young Scientist Award in 2021 (a scheme of Awards for Young Scientists in the CSIR system to promote excellence in various fields of science and technology)?

- Ans  1. Dr. K Giribabu
 2. Venkateswarlu M
 3. Debabrata Mandal
 4. Dr. Jeemon Panniyammakal

Question ID : 75189714029
Option 1 ID : 75189756115
Option 2 ID : 75189756113
Option 3 ID : 75189756116
Option 4 ID : 75189756114
Status : Not Answered
Chosen Option : --

Q.34

- Ans ☒ 1. 73rd Constitutional Amendment Act 1990
☒ 2. 73rd Constitutional Amendment Act 1992
☒ 3. 73rd Constitutional Amendment Act 1991
☒ 4. 73rd Constitutional Amendment Act 1993

Question ID : 75189714080

Option 1 ID : 75189756318

Option 2 ID : 75189756320

Option 3 ID : 75189756317

Option 4 ID : 75189756319

Status : Answered

Chosen Option : 2

Q.35 Compounds of carbon containing carbon-carbon double bond are known as:

- Ans ☒ 1. alkynes
☒ 2. unsaturated compounds
☒ 3. alkanes
☒ 4. saturated compounds

Question ID : 75189712766

Option 1 ID : 75189751064

Option 2 ID : 75189751063

Option 3 ID : 75189751062

Option 4 ID : 75189751061

Status : Answered

Chosen Option : 1

Q.36 The data below gives the number of wickets taken by a bowler in 10 different matches. Find the mode of the data.

3, 4, 6, 3, 1, 3, 5, 4, 2, 2.

- Ans ☒ 1. 4
☒ 2. 6
☒ 3. 3
☒ 4. 2

Question ID : 75189712989

Option 1 ID : 75189751955

Option 2 ID : 75189751956

Option 3 ID : 75189751954

Option 4 ID : 75189751953

Status : Answered

Chosen Option : 3

Q.37

- Ans ☒ 1. Sakshi Malik
☐ 2. Vinesh Phogat
☐ 3. Babita Kumari
☐ 4. Kavita Devi

Question ID : 75189712535

Option 1 ID : 75189750137

Option 2 ID : 75189750138

Option 3 ID : 75189750139

Option 4 ID : 75189750140

Status : Answered

Chosen Option : 3

Q.38 The hearts muscles contract and relax rhythmically, this rhythmic contraction followed by its relaxation constitute a heartbeat. Which instrument is used to measure heartbeats?

- Ans ☐ 1. Sphygmomanometer
☒ 2. Stethoscope
☐ 3. Oximeter
☐ 4. Potometer

Question ID : 75189714850

Option 1 ID : 75189759398

Option 2 ID : 75189759397

Option 3 ID : 75189759399

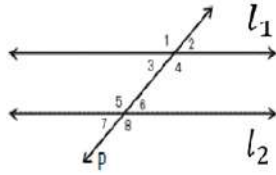
Option 4 ID : 75189759400

Status : Answered

Chosen Option : 1

Q.39 In the given figure, $l_1 \parallel l_2$ and p is their transversal with angle $4 = 5x+35$ and angle $7 = 45^\circ$.

Find the value of x .



- Ans**
- ☒ 1. 40°
 - ☒ 2. 10°
 - ☒ 3. 20°
 - ☒ 4. 45°

Question ID : **75189712091**

Option 1 ID : **75189748363**

Option 2 ID : **75189748361**

Option 3 ID : **75189748362**

Option 4 ID : **75189748364**

Status : **Answered**

Chosen Option : **3**

Q.40 G, H, I, J, K and L live on six 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 6. Only one person lives above G. Only two people live between G and K. Neither J nor H live on the lowermost floor. I does not live on an odd-numbered floor. J lives immediately above K and immediately below H. Who lives on floor number 4?

- Ans**
- ☒ 1. **L**
 - ☒ 2. **K**
 - ☒ 3. **H**
 - ☒ 4. **J**

Question ID : **75189713528**

Option 1 ID : **75189754112**

Option 2 ID : **75189754111**

Option 3 ID : **75189754109**

Option 4 ID : **75189754110**

Status : **Answered**

Chosen Option : **3**

Q.41

- Ans ☒ 1. 1954
☒ 2. 1952
☒ 3. 1949
☒ 4. 1950

Question ID : 75189714067

Option 1 ID : 75189756268

Option 2 ID : 75189756267

Option 3 ID : 75189756265

Option 4 ID : 75189756266

Status : Answered

Chosen Option : 3

Q.42 If $0.72\overline{45} = \frac{a}{b}$, where the HCF of a and b is 1, then what is the value of (b – a)?

- Ans ☒ 1. 113
☒ 2. 313
☒ 3. 303
☒ 4. 606

Question ID : 75189712605

Option 1 ID : 75189750417

Option 2 ID : 75189750418

Option 3 ID : 75189750419

Option 4 ID : 75189750420

Status : Answered

Chosen Option : 3

Q.43 K, L, M, N, O and P are six people sitting around a circular table facing the centre of the table at a wedding. K is the immediate neighbour of P and is seated second to the right of O. O is seated to the immediate left of M. N is an immediate neighbour of both P and L. Who is seated second to the right of L?

- Ans ☒ 1. P
☒ 2. N
☒ 3. O
☒ 4. M

Question ID : 75189714718

Option 1 ID : 75189758871

Option 2 ID : 75189758869

Option 3 ID : 75189758872

Option 4 ID : 75189758870

Status : Answered

Chosen Option : 4

Q.44

- Ans ☒ 1. 13
☐ 2. 24
☐ 3. 18
☐ 4. 9

Question ID : 75189712710

Option 1 ID : 75189750837

Option 2 ID : 75189750840

Option 3 ID : 75189750839

Option 4 ID : 75189750838

Status : Answered

Chosen Option : 1

Q.45 নিম্নলিখিতগুলির মধ্যে কোন পদার্থগুলো জৈববিশেষ্য নয়?

- Ans ☐ 1. একটি চামড়ার বেল্ট এবং একটি ক্যানভাস জুতা
☒ 2. কাচের থালা এবং প্লাস্টিকের কভার
☐ 3. একটি পশমী কম্বল এবং একটি পাটের দড়ি
☐ 4. একটি পিচবোর্ডের বাক্স এবং একটি কাগজের ব্যাগ

Question ID : 75189712315

Option 1 ID : 75189749259

Option 2 ID : 75189749260

Option 3 ID : 75189749258

Option 4 ID : 75189749257

Status : Answered

Chosen Option : 2

Q.46 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(13, 16, 21)
(28, 34, 45)

- Ans ☐ 1. (35, 12, 59)
☐ 2. (64, 26, 90)
☒ 3. (37, 18, 46)
☐ 4. (72, 45, 27)

Question ID : 75189714945

Option 1 ID : 75189759778

Option 2 ID : 75189759779

Option 3 ID : 75189759777

Option 4 ID : 75189759780

Status : Answered

Chosen Option : 3

Q.47

- Ans  1. ফুল
-  2. কুঁড়ি
-  3. পাতা
-  4. ফল

Question ID : 75189712573

Option 1 ID : 75189750291

Option 2 ID : 75189750292

Option 3 ID : 75189750289

Option 4 ID : 75189750290

Status : Answered

Chosen Option : 3

Q.48 An electric pump can fill a tank in 5 hours. Due to a leakage in the tank, it takes $7\frac{1}{2}$ hours to fill the tank. How much time will this leak take to empty the full tank if water does not get in or out of the tank through any other point during this period?

- Ans  1. 25 hours
-  2. 30 hours
-  3. 20 hours
-  4. 15 hours

Question ID : 75189712983

Option 1 ID : 75189751930

Option 2 ID : 75189751929

Option 3 ID : 75189751931

Option 4 ID : 75189751932

Status : Answered

Chosen Option : 4

Q.49 44, 96 and 184, when divided by a number x , leaves the same remainder in each case. The largest value of x is:

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

Question ID : 75189713278

Option 1 ID : 75189753111

Option 2 ID : 75189753110

Option 3 ID : 75189753109

Option 4 ID : 75189753112

Status : Answered

Chosen Option : 2

Q.50

- Ans
- ☒ 1. Direction of current, magnetic field and force experienced
 - ☒ 2. Direction of force experienced, magnetic field and current
 - ☒ 3. Direction of magnetic field, current and force experienced
 - ☒ 4. Direction of magnetic field, force experienced and current

Question ID : 75189713853

Option 1 ID : 75189755411

Option 2 ID : 75189755409

Option 3 ID : 75189755412

Option 4 ID : 75189755410

Status : Answered

Chosen Option : 3

Q.51 Three statements are given followed by two conclusions numbered I and II. You have to take the statements to be true, even if they seem to be at variance with commonly known facts and decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Beaches are Sands.

Some Sands are Deserts.

All Beaches are Oceans.

Conclusions:

(I) Some Deserts are Beaches.

(II) Some Sands are Oceans.

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

Question ID : 75189714631

Option 1 ID : 75189758521

Option 2 ID : 75189758523

Option 3 ID : 75189758524

Option 4 ID : 75189758522

Status : Answered

Chosen Option : 4

Q.52

- Ans
- ☒ 1. focal plane
 - ☒ 2. radius of curvature
 - ☒ 3. principal axis
 - ☒ 4. focal length

Question ID : 7518979475

Option 1 ID : 75189737900

Option 2 ID : 75189737897

Option 3 ID : 75189737899

Option 4 ID : 75189737898

Status : Answered

Chosen Option : 3

Q.53 A certain number of people are sitting in a straight line facing north. T is sitting to the immediate left of S. Only two people are sitting to the left of P. Only two people are sitting between P and S. T is third to the left of the person sitting at the extreme right end. How many people are sitting in the row?

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

Question ID : 75189714185

Option 1 ID : 75189756739

Option 2 ID : 75189756737

Option 3 ID : 75189756738

Option 4 ID : 75189756740

Status : Answered

Chosen Option : 4

Q.54 Where was Swami Mahavir born?

- Ans
- ☒ 1. Pataliputra
 - ☒ 2. Lumbini
 - ☒ 3. Kundagram
 - ☒ 4. Pavapuri

Question ID : 75189712150

Option 1 ID : 75189748598

Option 2 ID : 75189748597

Option 3 ID : 75189748599

Option 4 ID : 75189748600

Status : Answered

Chosen Option : 2

Q.55 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Few calciums are aldehydes
All aldehydes are rubidiums
All rubidiums are hydrogens

Conclusions:

(I) Some hydrogens are aldehydes
(II) Some rubidiums are aldehydes
(III) All aldehydes are hydrogens

- Ans**
- ☒ 1. Only conclusion II follows
 - ☒ 2. Either conclusion I or III follows
 - ☒ 3. All conclusions I, II and III follow
 - ☒ 4. Only conclusion I follows

Question ID : **75189714516**

Option 1 ID : **75189758062**

Option 2 ID : **75189758063**

Option 3 ID : **75189758064**

Option 4 ID : **75189758061**

Status : **Answered**

Chosen Option : **3**

Q.56 Which Indian state is made up of soft unconsolidated deposits and also known as the 'Molassis basin'?

- Ans**
- ☒ 1. Mizoram
 - ☒ 2. Assam
 - ☒ 3. Arunachala Pradesh
 - ☒ 4. Sikkim

Question ID : **75189714007**

Option 1 ID : **75189756028**

Option 2 ID : **75189756026**

Option 3 ID : **75189756025**

Option 4 ID : **75189756027**

Status : **Not Answered**

Chosen Option : **--**

Q.57

- Ans ☒ 1. 17
☒ 2. 14
☒ 3. 18
☒ 4. 16

Question ID : 75189712667

Option 1 ID : 75189750668

Option 2 ID : 75189750667

Option 3 ID : 75189750666

Option 4 ID : 75189750665

Status : Answered

Chosen Option : 3

Q.58 প্রদত্ত সংখ্যা-চিহ্নের শ্রেণিটি পড়ুন এবং পরবর্তী প্রশ্নের উত্তর দিন।

(বাম) 4 * 2 % 3 + = 3 2 % 5 9 & 4 \$ 7 5 & # * 8 5 @ 3 (ডান)

এমন কতগুলি চিহ্ন আছে, যাদের ঠিক আগে একটি সংখ্যা এবং ঠিক পরেও একটি সংখ্যা আছে?

- Ans ☒ 1. 7
☒ 2. 8
☒ 3. 5
☒ 4. 6

Question ID : 75189714972

Option 1 ID : 75189759887

Option 2 ID : 75189759888

Option 3 ID : 75189759885

Option 4 ID : 75189759886

Status : Answered

Chosen Option : 4

Q.59 Amongst six friends A, B, C, D, E and F, each has a different height. C is taller than only two other friends. D is shorter than only one friend. B is shorter than C but taller than E. A is shorter than F. Who is the second shortest among all the friends?

- Ans ☒ 1. E
☒ 2. B
☒ 3. F
☒ 4. A

Question ID : 7518979131

Option 1 ID : 75189736521

Option 2 ID : 75189736522

Option 3 ID : 75189736524

Option 4 ID : 75189736523

Status : Answered

Chosen Option : 1

Q.60

- Ans
- ☒ 1. red blood cells
 - ☒ 2. white blood cells
 - ☒ 3. platelet cells
 - ☒ 4. blood plasma

Question ID : 75189710203

Option 1 ID : 75189740809

Option 2 ID : 75189740811

Option 3 ID : 75189740812

Option 4 ID : 75189740810

Status : Answered

Chosen Option : 3

Q.61 Select the correct sequence of states according to the given sequence of cultural festivals celebrated in the respected states.

Hampi Dance Utsav, Mamallapuram Dance Utsav, Nishagandhi Festival, Taj Mahotsav

- Ans
- ☒ 1. Karnataka, Tamil Nadu, Kerala, Uttar Pradesh
 - ☒ 2. Tamil Nadu, Karnataka, Kerala, Uttar Pradesh
 - ☒ 3. Uttar Pradesh, Tamil Nadu, Kerala, Karnataka
 - ☒ 4. Kerala, Tamil Nadu, Karnataka, Uttar Pradesh

Question ID : 75189713985

Option 1 ID : 75189755940

Option 2 ID : 75189755937

Option 3 ID : 75189755939

Option 4 ID : 75189755938

Status : Answered

Chosen Option : 1

Q.62 Suppose you are given three mediums, A, B, and C, with refractive indexes 1.47, 1.33, and 1.44 respectively. If the velocity of light in A, B, and C are V_A , V_B , and V_C respectively, then which of the following is true?

- Ans
- ☒ 1. $V_B > V_C > V_A$
 - ☒ 2. $V_A > V_B > V_C$
 - ☒ 3. $V_A > V_C > V_B$
 - ☒ 4. $V_C > V_B > V_A$

Question ID : 75189711275

Option 1 ID : 75189745099

Option 2 ID : 75189745097

Option 3 ID : 75189745100

Option 4 ID : 75189745098

Status : Answered

Chosen Option : 1

Q.63 Match the columns.

Group-I	Group-II
I. Mouth	A. Chewing of food
II. Teeth	B. Rolling of food
III. Tongue	C. Intake of whole food
IV. Saliva	D. Swallowing of food

- Ans  1. I-A; II-D; III-A; IV-A
 2. I-B; II-C; III-D; IV-C
 3. I-C; II-A; III-B; IV-D
 4. I-A; II-B; III-C; IV-D

Question ID : 75189710188
Option 1 ID : 75189740752
Option 2 ID : 75189740751
Option 3 ID : 75189740750
Option 4 ID : 75189740749
Status : Answered
Chosen Option : 3

Q.64 Which of the following solutions has the lowest pH value?

- Ans  1. Tomato juice
 2. Saliva (before a meal)
 3. Saliva (after a meal)
 4. Coffee

Question ID : 75189710357
Option 1 ID : 75189741425
Option 2 ID : 75189741427
Option 3 ID : 75189741428
Option 4 ID : 75189741426
Status : Answered
Chosen Option : 3

Q.65

- Ans  1. \$250
 2. \$500
 3. \$1,000
 4. \$110

Question ID : 75189712470
Option 1 ID : 75189749879
Option 2 ID : 75189749878
Option 3 ID : 75189749880
Option 4 ID : 75189749877
Status : Not Answered
Chosen Option : --

Q.66 Six friends M, N, O, P, Q and R have their tests on a different day of week starting from Monday and ending on Saturday of the same week. Only two friends are having their tests before M's test. Only four friends are having their tests after Q's test. Only O has the test between the tests of P and N. Who amongst the following has the test on Monday?

- Ans  1. P
 2. O
 3. N
 4. R

Question ID : 75189713593
Option 1 ID : 75189754371
Option 2 ID : 75189754370
Option 3 ID : 75189754372
Option 4 ID : 75189754369
Status : Answered
Chosen Option : 4

Q.67 In this question, a statement is followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:
Before leaving for college, Sita is learning to cook basic meals from her mother.

Conclusions:
I. Sita didn't know how to cook.
II. Sita wants to throw a party for her friends before leaving for college.

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

Question ID : 75189714934
Option 1 ID : 75189759734
Option 2 ID : 75189759735
Option 3 ID : 75189759733
Option 4 ID : 75189759736
Status : Answered
Chosen Option : 3

Q.68

- Ans ☒ 1. ক্লেয়েম নল কোশ
- ☐ 2. ক্লেয়েম প্যারেনকাইমা কোশ
- ☐ 3. ক্লেয়েম ফাইবার কোশ
- ☐ 4. ক্লেয়েম সঙ্গী কোশ

Question ID : 75189712251

Option 1 ID : 75189749003

Option 2 ID : 75189749001

Option 3 ID : 75189749002

Option 4 ID : 75189749004

Status : Not Answered

Chosen Option : --

Q.69

Find the roots of the quadratic equation $x^2 + 30x + 104 = 0$

- Ans ☐ 1. 4, 26
- ☐ 2. 14, 16
- ☒ 3. -4, -26
- ☐ 4. 12, 18

Question ID : 75189712078

Option 1 ID : 75189748311

Option 2 ID : 75189748309

Option 3 ID : 75189748312

Option 4 ID : 75189748310

Status : Answered

Chosen Option : 3

Q.70 দৃশ্যমান আলোর তরঙ্গদৈর্ঘ্যের থেকে আকারে _____ কণাগুলির দ্বারা আলোর _____ এর জন্য পরিষ্কার আকাশের রং আকাশি।

- Ans ☐ 1. বড়, প্রতিসরণ
- ☐ 2. ছোট, প্রতিসরণ
- ☒ 3. ছোট, বিক্ষেপণ
- ☐ 4. বড়, বিক্ষেপণ

Question ID : 7518976662

Option 1 ID : 75189726645

Option 2 ID : 75189726647

Option 3 ID : 75189726648

Option 4 ID : 75189726646

Status : Answered

Chosen Option : 3

Q.71

- Ans ☒ 1. Assam
☐ 2. Odisha
☐ 3. Nagaland
☐ 4. Haryana

Question ID : 7518977169
Option 1 ID : 75189728673
Option 2 ID : 75189728676
Option 3 ID : 75189728674
Option 4 ID : 75189728675
Status : Answered
Chosen Option : 3

Q.72 In a certain code language, 'HOTEL' is coded as 'DQPGH' and 'BANKS' is coded as 'XCJMO'. How will 'LOGIC' be coded in that language?

- Ans ☐ 1. PQKKG
☒ 2. HQCKY
☐ 3. PMKGG
☐ 4. HMCYG

Question ID : 75189714236
Option 1 ID : 75189756943
Option 2 ID : 75189756942
Option 3 ID : 75189756941
Option 4 ID : 75189756944
Status : Answered
Chosen Option : 2

Q.73 The Santosh Trophy is related to which of the following sports in India?

- Ans ☐ 1. Badminton
☒ 2. Football
☐ 3. Cricket
☐ 4. Chess

Question ID : 75189712559
Option 1 ID : 75189750236
Option 2 ID : 75189750235
Option 3 ID : 75189750233
Option 4 ID : 75189750234
Status : Answered
Chosen Option : 2

Q.74

- Ans  1. 45
 2. 40
 3. 42
 4. 36

Question ID : 75189712631
Option 1 ID : 75189750524
Option 2 ID : 75189750522
Option 3 ID : 75189750523
Option 4 ID : 75189750521
Status : Answered
Chosen Option : 2

Q.75 The sum of three consecutive numbers is 177. The mean of these three numbers is:

- Ans  1. 59
 2. 60
 3. 57
 4. 58

Question ID : 75189711780
Option 1 ID : 75189747118
Option 2 ID : 75189747119
Option 3 ID : 75189747120
Option 4 ID : 75189747117
Status : Answered
Chosen Option : 1

Q.76 The Western Ghats are locally known by which name in Maharashtra?

- Ans  1. Anaimalai
 2. Sahyadri
 3. Cardamom
 4. Nilgiri

Question ID : 75189712399
Option 1 ID : 75189749595
Option 2 ID : 75189749594
Option 3 ID : 75189749596
Option 4 ID : 75189749593
Status : Answered
Chosen Option : 2

Q.77

- Ans
- ☐ 1. yellow colour potassium nitrate
 - ☐ 2. colourless lead iodide
 - ☐ 3. black colour potassium nitrate
 - ☒ 4. yellow colour lead iodide

Question ID : 75189714675

Option 1 ID : 75189758697

Option 2 ID : 75189758699

Option 3 ID : 75189758700

Option 4 ID : 75189758698

Status : Answered

Chosen Option : 2

Q.78 The Steel Authority of India Limited was earlier known as _____.

- Ans
- ☐ 1. Bharat Steel Limited (BSL)
 - ☐ 2. National Steel Limited (NSL)
 - ☒ 3. Hindustan Steel Limited (HSL)
 - ☐ 4. Indian Steel Limited (ISL)

Question ID : 75189712495

Option 1 ID : 75189749980

Option 2 ID : 75189749977

Option 3 ID : 75189749979

Option 4 ID : 75189749978

Status : Not Answered

Chosen Option : --

Q.79 Under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY), which is being implemented by the National Health Authority (NHA) in partnership with state governments, a health cover of up to what amount per family per year for secondary and tertiary care hospitalisation is being provided, as on August 2022?

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

Question ID : 75189711112

Option 1 ID : 75189744446

Option 2 ID : 75189744447

Option 3 ID : 75189744448

Option 4 ID : 75189744445

Status : Answered

Chosen Option : 2

Q.80

- Ans
- ☒ 1. কল্লড়
 - ☒ 2. মালায়লাম
 - ☒ 3. তেলেগু
 - ☒ 4. মারাঠি

Question ID : 75189714047

Option 1 ID : 75189756188

Option 2 ID : 75189756187

Option 3 ID : 75189756186

Option 4 ID : 75189756185

Status : Answered

Chosen Option : 2

Q.81 How many sessions of the Lok Sabha take place in a year?

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

Question ID : 75189714072

Option 1 ID : 75189756288

Option 2 ID : 75189756285

Option 3 ID : 75189756286

Option 4 ID : 75189756287

Status : Answered

Chosen Option : 3

Q.82 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 2149763, which of the following digits will appear the most in the new number thus formed?

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

Question ID : 75189713056

Option 1 ID : 75189752221

Option 2 ID : 75189752224

Option 3 ID : 75189752222

Option 4 ID : 75189752223

Status : Answered

Chosen Option : 3

Q.83 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(10, 150, 3)
(8, 80, 2)

- Ans
- ☒ 1. (10, 401, 9)
 - ☒ 2. (11, 188, 6)
 - ☒ 3. (18, 270, 3)
 - ☒ 4. (12, 197, 4)

Question ID : 75189711621

Option 1 ID : 75189746481

Option 2 ID : 75189746484

Option 3 ID : 75189746483

Option 4 ID : 75189746482

Status : Answered

Chosen Option : 3

Q.84 John has a cuboidal box whose length, breadth and height are in the ratio 2 : 3 : 5. If the length, the breadth and the height of this box are each increased by 100% to make a new box, then the volume of the new box is how many times the volume of the old box?

- Ans
- ☒ 1. 9 times
 - ☒ 2. 8 times
 - ☒ 3. 6 times
 - ☒ 4. 7 times

Question ID : 75189713406

Option 1 ID : 75189753623

Option 2 ID : 75189753621

Option 3 ID : 75189753624

Option 4 ID : 75189753622

Status : Answered

Chosen Option : 2

Q.85 মেদিনীপুর জেলার আরাবারি জঙ্গলের পরিসীমাতে স্থানীয় মানুষের সক্রিয় এবং ইচ্ছাকৃত যোগদানের ফলে কোন ধরনের বন উল্লেখযোগ্যভাবে পুনরুদ্ধার করা সম্ভব হয়েছে?

- Ans
- ☒ 1. নিম বন
 - ☒ 2. সেগুন বন
 - ☒ 3. চন্দনকাঠ বন
 - ☒ 4. শাল বন

Question ID : 75189710294

Option 1 ID : 75189741174

Option 2 ID : 75189741173

Option 3 ID : 75189741176

Option 4 ID : 75189741175

Status : Answered

Chosen Option : 3

Q.86

- Ans ☒ 1. 1917
☒ 2. 1911
☒ 3. 1919
☒ 4. 1905

Question ID : 75189712354

Option 1 ID : 75189749415

Option 2 ID : 75189749414

Option 3 ID : 75189749416

Option 4 ID : 75189749413

Status : Answered

Chosen Option : 2

Q.87 Under Abdul Kalam Technology Innovation National Fellowship funded by the Science and Engineering Research Board (SERB), the fellowship amount is _____ per month in addition to regular income research grant of ₹15 lakh per annum and an overhead of ₹1 lakh per annum.

- Ans ☒ 1. ₹25,000
☒ 2. ₹40,000
☒ 3. ₹50,000
☒ 4. ₹30,000

Question ID : 75189712344

Option 1 ID : 75189749373

Option 2 ID : 75189749375

Option 3 ID : 75189749376

Option 4 ID : 75189749374

Status : Not Answered

Chosen Option : --

Q.88 If '+' means '-', '-' means '+', '÷' means '×', and '×' means '÷', what will be the value of the following expression?
[[$(12 - 2) \times (3 \div 2)$] + (12×4)]

- Ans ☒ 1. 2
☒ 2. 1
☒ 3. 3
☒ 4. 4

Question ID : 75189714575

Option 1 ID : 75189758298

Option 2 ID : 75189758297

Option 3 ID : 75189758299

Option 4 ID : 75189758300

Status : Answered

Chosen Option : 2

Q.89

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

Question ID : 75189711801
Option 1 ID : 75189747204
Option 2 ID : 75189747202
Option 3 ID : 75189747201
Option 4 ID : 75189747203
Status : Answered
Chosen Option : 2

Q.90 To get rid of pain in the stomach during indigestion, people use:

- Ans  1. gastric juice
 2. tomato juice
 3. milk of magnesia
 4. lemon juice

Question ID : 75189714786
Option 1 ID : 75189759141
Option 2 ID : 75189759144
Option 3 ID : 75189759143
Option 4 ID : 75189759142
Status : Answered
Chosen Option : 3

Q.91 The position of how many letters will remain unchanged if each of the letters in the word 'EQUIVOCAL' is arranged in alphabetical order?

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

Question ID : 75189713554
Option 1 ID : 75189754215
Option 2 ID : 75189754214
Option 3 ID : 75189754213
Option 4 ID : 75189754216
Status : Answered
Chosen Option : 2

Q.92

- Ans  1. 2050
 2. 2052
 3. 2048
 4. 2051

Question ID : **75189713577**
Option 1 ID : **75189754306**
Option 2 ID : **75189754305**
Option 3 ID : **75189754307**
Option 4 ID : **75189754308**
Status : **Answered**
Chosen Option : **2**

Q.93 Simplify $(x + 2)(2x + 5)(x - 4) + x^2 + 5x - 12$.

- Ans  1. $2x^3 + 2x^2 - 21x - 12$
 2. $x^3 + 2x^2 - 21x - 52$
 3. $2x^3 + 2x^2 - 21x - 52$
 4. $2x^3 + x^2 - 21x - 52$

Question ID : **75189712060**
Option 1 ID : **75189748240**
Option 2 ID : **75189748237**
Option 3 ID : **75189748238**
Option 4 ID : **75189748239**
Status : **Answered**
Chosen Option : **3**

Q.94 Dobereiner tried to arrange the elements with similar properties into groups. For this he identified some groups having how many elements?

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

Question ID : **75189711917**
Option 1 ID : **75189747666**
Option 2 ID : **75189747665**
Option 3 ID : **75189747668**
Option 4 ID : **75189747667**
Status : **Not Answered**
Chosen Option : **--**

Q.95

- Ans
- ☒ 1. Accept Rating
 - ☒ 2. Credit Rating
 - ☒ 3. Trust Rating
 - ☒ 4. Status Rating

Question ID : 75189712481
Option 1 ID : 75189749924
Option 2 ID : 75189749923
Option 3 ID : 75189749922
Option 4 ID : 75189749921
Status : Not Answered
Chosen Option : --

Q.96 নিচের কোন কার্বন যৌগের একটি খাঁচা-সদৃশ বলয় গঠন রয়েছে যার আকার একটি ফুটবলের মতো?

- Ans
- ☒ 1. গ্রাফিন
 - ☒ 2. C-60 ফুলেরিন
 - ☒ 3. গ্রাফাইট
 - ☒ 4. হীরা

Question ID : 75189712765
Option 1 ID : 75189751060
Option 2 ID : 75189751059
Option 3 ID : 75189751058
Option 4 ID : 75189751057
Status : Answered
Chosen Option : 2

Q.97 যদি নিম্নলিখিত শব্দগুলির প্রতিটি বর্ণকে ইংরাজী বর্ণানুক্রম অনুসারে তার পূর্ববর্তী বর্ণটি দ্বারা প্রতিস্থাপন করা হয় তবে কতগুলি এমন শব্দ তৈরি হবে যাদের একটি স্বরবর্ণ (vowel) থাকবে?

JUST, RIME, BEST, FAST, LOST, TIME

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

Question ID : 7518977990
Option 1 ID : 75189731959
Option 2 ID : 75189731960
Option 3 ID : 75189731957
Option 4 ID : 75189731958
Status : Answered
Chosen Option : 1

Q.98

- Ans
- ☒ 1. 185 m
 - ☒ 2. 210 m
 - ☒ 3. 215 m
 - ☒ 4. 190 m

Question ID : 75189712069
Option 1 ID : 75189748275
Option 2 ID : 75189748274
Option 3 ID : 75189748273
Option 4 ID : 75189748276
Status : Answered
Chosen Option : 4

Q.99 In the Fleming's left hand rule index finger indicates the direction of the:

- Ans
- ☒ 1. magnetic field
 - ☒ 2. motion of conductor
 - ☒ 3. electric current
 - ☒ 4. magnetic force

Question ID : 75189712231
Option 1 ID : 75189748923
Option 2 ID : 75189748924
Option 3 ID : 75189748922
Option 4 ID : 75189748921
Status : Answered
Chosen Option : 2

Q.100 What is the net resistance of two resistors 10 ohm and 40 ohm connected in parallel?

- Ans
- ☒ 1. 1/8 ohm
 - ☒ 2. 1/60 ohm
 - ☒ 3. 8 ohm
 - ☒ 4. 60 ohm

Question ID : 75189713811
Option 1 ID : 75189755244
Option 2 ID : 75189755242
Option 3 ID : 75189755243
Option 4 ID : 75189755241
Status : Answered
Chosen Option : 3