



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	Info Educomonline Solution
Test Date	12/09/2022
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 process by which an organism begins life as a female and then transforms into a male is known as:

- Ans
- 1. heterozygous
 - 2. protandry
 - 3. homozygous
 - 4. protogyny

Question ID : 7518974452
Option 1 ID : 75189717808
Option 2 ID : 75189717805
Option 3 ID : 75189717807
Option 4 ID : 75189717806
Status : Answered
Chosen Option : 3

Q.2 The 'Malanjkhand' is a famous mines of mineral in India.

- Ans
- 1. Iron-ore
 - 2. Zinc
 - 3. Manganese
 - 4. Copper

Question ID : 7518977532
Option 1 ID : 75189730127
Option 2 ID : 75189730125
Option 3 ID : 75189730126
Option 4 ID : 75189730128
Status : Not Answered
Chosen Option : --

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Q.3 Magnetic field lines inside a solenoid are in the form of:

- Ans
- 1. spiral
 - 2. intersecting lines
 - 3. curved lines
 - 4. parallel lines

Question ID : 7518979579
Option 1 ID : 75189738313
Option 2 ID : 75189738316
Option 3 ID : 75189738314
Option 4 ID : 75189738315
Status : Answered
Chosen Option : 3

Q.4 Refer to the following letter, number, symbol series and answer the question that follows.

(Left) Z C & T % 7 D 9 # 6 K & 2 R Y S 3 5 E * S (Right)

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

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

Question ID : 7518977971
Option 1 ID : 75189731883
Option 2 ID : 75189731884
Option 3 ID : 75189731882
Option 4 ID : 75189731881
Status : Answered
Chosen Option : 2

Q.5 What was the implementation period of the 12th Five-Year Plan in India?

- Ans
- 1. 2002 – 2007
 - 2. 2007 – 2012
 - 3. 1997 – 2002
 - 4. 2012 – 2017

Question ID : 7518979415
Option 1 ID : 75189737659
Option 2 ID : 75189737658
Option 3 ID : 75189737660
Option 4 ID : 75189737657
Status : Answered
Chosen Option : 1

Q.6 An object is placed at a distance of 30 cm in front of a convex mirror of focal length 10 cm, on its principal axis. Its image is formed at:

- Ans
- 1. 20 cm
 - 2. a point between 0 cm and 10 cm
 - 3. a point between 10 cm and 20 cm
 - 4. a point between 20 cm and infinity (∞)

Question ID : 7518976584
Option 1 ID : 75189726335
Option 2 ID : 75189726333
Option 3 ID : 75189726334
Option 4 ID : 75189726336
Status : Answered
Chosen Option : 2

Q.7 The median of the observations 20, 23, 25, 30, 20, 31, 32, 35, 20, 41, 42, 43, 20, 20 and 20 is:

- Ans
- 1. 23
 - 2. 25
 - 3. 26
 - 4. 28

Question ID : 7518978722
Option 1 ID : 75189734888
Option 2 ID : 75189734887
Option 3 ID : 75189734886
Option 4 ID : 75189734885
Status : Answered
Chosen Option : 2

Q.8 Cartilage tissue is absent in which of the following organs of the body?

- Ans
- 1. Kidney
 - 2. Nose
 - 3. Ear
 - 4. Larynx

Question ID : 7518977814
Option 1 ID : 75189731256
Option 2 ID : 75189731253
Option 3 ID : 75189731254
Option 4 ID : 75189731255
Status : Answered
Chosen Option : 4

Q.9 It is given that, $\triangle ABC \cong \triangle FDE$ and $AB = 6$ cm, $\angle B = 60^\circ$ and $\angle A = 70^\circ$, then which of the following is true?

- Ans
- 1. $DE = 5$ cm, $\angle E = 50^\circ$
 - 2. $DF = 6$ cm, $\angle E = 50^\circ$
 - 3. $DE = 6$ cm, $\angle D = 40^\circ$
 - 4. $DF = 6$ cm, $\angle F = 50^\circ$

Question ID : 7518979338
Option 1 ID : 75189737351
Option 2 ID : 75189737350
Option 3 ID : 75189737352
Option 4 ID : 75189737349
Status : Answered
Chosen Option : 2

Q.10 Who among the following winners of Major Dhyan Chand Khel Ratna Award-2021 is a Hockey goalkeeper?

- Ans
- 1. PR Sreejesh
 - 2. Ravi Kumar Dahiya
 - 3. Manpreet Singh
 - 4. Pramod Bhagat

Question ID : 7518978821
Option 1 ID : 75189735282
Option 2 ID : 75189735281
Option 3 ID : 75189735284
Option 4 ID : 75189735283
Status : Answered
Chosen Option : 1

Q.11 Which of the following is a spring festival celebrated in Goa?

- Ans
- 1. Sarok
 - 2. Pongtu
 - 3. Shigmotsav
 - 4. Chindang

Question ID : 7518978523
Option 1 ID : 75189734090
Option 2 ID : 75189734091
Option 3 ID : 75189734089
Option 4 ID : 75189734092
Status : Answered
Chosen Option : 3

Q.12 When light travels from one medium to another medium then:

Ans 1.

incident ray, normal at the point of incidence and refracted ray all are in the same plane

2.

incident ray, normal at the point of incidence and reflected ray are in the same plane

3.

incident ray, normal at the point of incidence and emerged ray, all are in the separate plane

4.

incident ray, normal at the point of incidence and reflected ray are in two planes

Question ID : 7518979501

Option 1 ID : 75189738003

Option 2 ID : 75189738002

Option 3 ID : 75189738004

Option 4 ID : 75189738001

Status : Answered

Chosen Option : 1

Q.13 If each of the digits in the number 7349842 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. Three

2. One

3. Two

4. None

Question ID : 7518978328

Option 1 ID : 75189733312

Option 2 ID : 75189733310

Option 3 ID : 75189733311

Option 4 ID : 75189733309

Status : Answered

Chosen Option : 3

Q.14 The number of prime numbers lying between 400 and 430 is:

Ans 1. 5

2. 3

3. 6

4. 4

Question ID : 7518978641

Option 1 ID : 75189734561

Option 2 ID : 75189734564

Option 3 ID : 75189734563

Option 4 ID : 75189734562

Status : Answered

Chosen Option : 2

Q.15 Known as the 'sorrow of Bihar', the river _____ causes great destruction due to its frequently changing course.

- Ans
- 1. Indravati
 - 2. Brahmani
 - 3. Subarnarekha
 - 4. Kosi

Question ID : 7518978579
Option 1 ID : 75189734316
Option 2 ID : 75189734315
Option 3 ID : 75189734313
Option 4 ID : 75189734314
Status : Answered
Chosen Option : 4

Q.16 A dishonest dealer professes to sell his goods at cost price but he uses a weight of 800 g for a weight of 1 kg. His profit percentage is:

- Ans
- 1. 35%
 - 2. 45%
 - 3. 55%
 - 4. 25%

Question ID : 7518978688
Option 1 ID : 75189734751
Option 2 ID : 75189734750
Option 3 ID : 75189734749
Option 4 ID : 75189734752
Status : Answered
Chosen Option : 4

Q.17 The FIDE World Chess Olympiad 2022 is set to be organised in which country?

- Ans
- 1. China
 - 2. Australia
 - 3. Canada
 - 4. India

Question ID : 7518976471
Option 1 ID : 75189725882
Option 2 ID : 75189725883
Option 3 ID : 75189725884
Option 4 ID : 75189725881
Status : Answered
Chosen Option : 4

Q.18 In group 2 of the Modern Periodic Table, the valency of elements is:

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

Question ID : 7518979696
Option 1 ID : 75189738781
Option 2 ID : 75189738784
Option 3 ID : 75189738783
Option 4 ID : 75189738782
Status : Answered
Chosen Option : 4

Q.19 Which of the following statements is true about the nature of roots for the equation $x^2 + x + 12 = 0$?

- Ans
- 1. Both roots are positive real
 - 2. One root is imaginary, and one is real
 - 3. Both roots are negative real
 - 4. Both roots are imaginary or non-real

Question ID : 7518979312
Option 1 ID : 75189737247
Option 2 ID : 75189737246
Option 3 ID : 75189737248
Option 4 ID : 75189737245
Status : Answered
Chosen Option : 4

Q.20 If 39 less than 6 times a certain number is 339, then the number is:

- Ans
- 1. 83
 - 2. 53
 - 3. 63
 - 4. 73

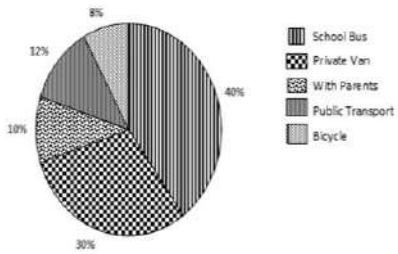
Question ID : 7518978737
Option 1 ID : 75189734945
Option 2 ID : 75189734948
Option 3 ID : 75189734947
Option 4 ID : 75189734946
Status : Answered
Chosen Option : 3

Q.21 The Pope declared Mother Teresa 'Saint' in the year _____.

- Ans
- ✓ 1. 2016
 - ✗ 2. 2014
 - ✗ 3. 2015
 - ✗ 4. 2017

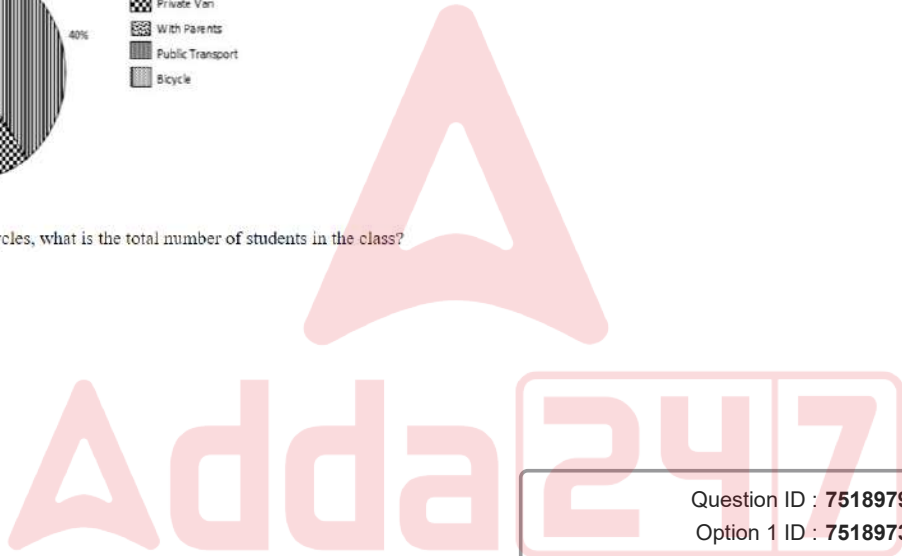
Question ID : 7518978531
 Option 1 ID : 75189734121
 Option 2 ID : 75189734124
 Option 3 ID : 75189734122
 Option 4 ID : 75189734123
 Status : Not Answered
 Chosen Option : --

Q.22 The given pie chart provides details of the percentage distribution of the mode of transport taken by students of a class. Study the pie chart and answer the question.



If 140 students use bicycles, what is the total number of students in the class?

- Ans
- ✗ 1. 2000
 - ✗ 2. 1890
 - ✓ 3. 1750
 - ✗ 4. 1600



Question ID : 7518979801
 Option 1 ID : 75189739201
 Option 2 ID : 75189739204
 Option 3 ID : 75189739203
 Option 4 ID : 75189739202
 Status : Answered
 Chosen Option : 3

Q.23 The given graph provides the details of the price of petrol (in rupees) per litre in 4 months in Delhi. Study the graph and answer the question.



Find the approximate percentage increase of the rate of petrol from January to April

- Ans**
- 1. 12%
 - 2. 18%
 - 3. 17%
 - 4. 19%

Question ID : 7518979799
 Option 1 ID : 75189739195
 Option 2 ID : 75189739193
 Option 3 ID : 75189739196
 Option 4 ID : 75189739194
 Status : Answered
 Chosen Option : 3

Q.24 The atomic masses of carbon and hydrogen, respectively, are:

- Ans**
- 1. 12 u and 1u
 - 2. 6 u and 2u
 - 3. 12 u and 2u
 - 4. 6 u and 1u

Question ID : 7518979605
 Option 1 ID : 75189738419
 Option 2 ID : 75189738418
 Option 3 ID : 75189738420
 Option 4 ID : 75189738417
 Status : Answered
 Chosen Option : 3

Q.25 Which of the following performs the function of Credit Control in India?

- Ans**
- 1. Ministry of Education
 - 2. NITI Aayog of India
 - 3. Reserve Bank of India
 - 4. Ministry of Finance

Question ID : 7518974237
 Option 1 ID : 75189716948
 Option 2 ID : 75189716946
 Option 3 ID : 75189716945
 Option 4 ID : 75189716947
 Status : Answered
 Chosen Option : 3

Q.26 If 13 October 1995 is a Friday, then what will be the day of the week on 17 November 2000?

- Ans
- 1. Monday
 - 2. Friday
 - 3. Wednesday
 - 4. Saturday

Question ID : 7518979151
Option 1 ID : 75189736603
Option 2 ID : 75189736601
Option 3 ID : 75189736604
Option 4 ID : 75189736602
Status : Answered
Chosen Option : 2

Q.27 A party that secures at least _____ percent of the total votes in Lok Sabha elections or Assembly Elections in four states and wins at least four seats in the Lok Sabha is recognized as a National Party.

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

Question ID : 7518979446
Option 1 ID : 75189737783
Option 2 ID : 75189737784
Option 3 ID : 75189737781
Option 4 ID : 75189737782
Status : Answered
Chosen Option : 1

Q.28 On 12 January 2022, the Indian Space Research Organisation (ISRO) successfully conducted the qualification test of the Cryogenic Engine for the Gaganyaan programme for a duration of 720 seconds at the ISRO Propulsion Complex (IPRC) in _____.

- Ans
- 1. Mahendragiri, Tamil Nadu
 - 2. Thiruvananthapuram, Kerala
 - 3. Ahmedabad, Gujarat
 - 4. Bengaluru, Karnataka

Question ID : 7518978827
Option 1 ID : 75189735305
Option 2 ID : 75189735306
Option 3 ID : 75189735308
Option 4 ID : 75189735307
Status : Answered
Chosen Option : 4

Q.29 The product of two positive numbers is 500. If the first number is five times of the second number, then the sum of the two numbers is:

- Ans**
- 1. 60
 - 2. 80
 - 3. 90
 - 4. 70

Question ID : 7518978740
Option 1 ID : 75189734960
Option 2 ID : 75189734958
Option 3 ID : 75189734957
Option 4 ID : 75189734959
Status : Answered
Chosen Option : 1

Q.30 Which of the following metals is less reactive than Al?

- Ans**
- 1. Ca
 - 2. Na
 - 3. Zn
 - 4. Mg

Question ID : 7518979664
Option 1 ID : 75189738654
Option 2 ID : 75189738655
Option 3 ID : 75189738656
Option 4 ID : 75189738653
Status : Answered
Chosen Option : 3

Q.31 If a shopkeeper sells 25 articles at ₹ 45 per article after giving 10% discount and earns 50% profit. If the discount is not given the percentage profit gained (rounded off to two decimal places) is:

- Ans**
- 1. 65.56%
 - 2. 55.55%
 - 3. 66.67%
 - 4. 56.65%

Question ID : 7518979256
Option 1 ID : 75189737022
Option 2 ID : 75189737024
Option 3 ID : 75189737021
Option 4 ID : 75189737023
Status : Answered
Chosen Option : 3

Q.32 Five years ago, the average age of A, B and C was 35 years. Five years from now, the average age of A and C will be 48 years. What will be the age (in years) of B, three years from now?

- Ans**
- 1. 35
 - 2. 34
 - 3. 37
 - 4. 38

Question ID : 7518978406
Option 1 ID : 75189733622
Option 2 ID : 75189733621
Option 3 ID : 75189733623
Option 4 ID : 75189733624
Status : Answered
Chosen Option : 3

Q.33 Which of the following factors does NOT directly affect the climate of India?

- Ans**
- 1. Altitude
 - 2. Pressure and winds
 - 3. Snowfall in European countries
 - 4. Latitude

Question ID : 7518978903
Option 1 ID : 75189735609
Option 2 ID : 75189735611
Option 3 ID : 75189735612
Option 4 ID : 75189735610
Status : Answered
Chosen Option : 3

Q.34 The resistance of a conductor remains almost unaffected by change in temperature. This conductor is made of:

- Ans**
- 1. silver
 - 2. aluminium
 - 3. nickel
 - 4. manganin

Question ID : 7518979554
Option 1 ID : 75189738213
Option 2 ID : 75189738216
Option 3 ID : 75189738215
Option 4 ID : 75189738214
Status : Answered
Chosen Option : 4

Q.35 Select the term from among the given options that can replace the question mark (?) in the following series.

B2AFR, SGB4C, D6CHT, UID8E, ?

- Ans**
- 1. F10EJU
 - 2. VJE10F
 - 3. VJE8F
 - 4. F10EJV

Question ID : 7518977952
Option 1 ID : 75189731806
Option 2 ID : 75189731807
Option 3 ID : 75189731805
Option 4 ID : 75189731808
Status : Answered
Chosen Option : 4

Q.36 Which of the following numbers will replace the question mark (?) in the given series?

23, 28, 35, 46, 59, ?

- Ans**
- 1. 82
 - 2. 80
 - 3. 78
 - 4. 76

Question ID : 7518978307
Option 1 ID : 75189733226
Option 2 ID : 75189733225
Option 3 ID : 75189733227
Option 4 ID : 75189733228
Status : Answered
Chosen Option : 4

Q.37 Watershed management emphasizes on:

- a. Conservation of water and soil
- b. Improve primary sources of land and soil
- c. Increase production and income of the watershed community
- d. Increasing income only by increasing agriculture and crop yield

Which among the above statements are correct with respect to Watershed management?

- Ans
- 1. a and b
 - 2. a, b and c
 - 3. b and c
 - 4. a, c and d

Question ID : 7518974506
Option 1 ID : 75189718021
Option 2 ID : 75189718024
Option 3 ID : 75189718022
Option 4 ID : 75189718023
Status : Answered
Chosen Option : 2

Q.38 Six students are sitting around a circular table facing the centre. Q is an immediate neighbour of both B and C. A is sitting second to the left of C. P is sitting second to the right of Q. R is immediate neighbour of both A and C. Who is an immediate neighbour of both A and B?

- Ans
- 1. P
 - 2. C
 - 3. Q
 - 4. R

Question ID : 7518978165
Option 1 ID : 75189732660
Option 2 ID : 75189732657
Option 3 ID : 75189732658
Option 4 ID : 75189732659
Status : Answered
Chosen Option : 1

Q.39 On 27 April 2021, Union Finance Minister Nirmala Sitharaman inaugurated the country's first 3D printed house at IIT Madras, which was built in _____.

- Ans**
- 1. 15 days
 - 2. 10 days
 - 3. 12 days
 - 4. 5 days

Question ID : **7518978829**
Option 1 ID : **75189735316**
Option 2 ID : **75189735314**
Option 3 ID : **75189735315**
Option 4 ID : **75189735313**
Status : **Not Answered**
Chosen Option : --

Q.40 Asmita started walking from the medicine shop towards the south. After walking for 400 metres she turned right and walked for 100 metres to reach the ice-cream parlour. From there she turned right, walked for 500 metres then again turned right and walked for 200 metres to reach the vegetable shop. Finally she turned right and walked for 100 metres to reach her home. How far and in which direction is her home from the medicine shop? (All turns are 90 degree turns only)

- Ans**
- 1. 100 metres south
 - 2. 100 metres east
 - 3. 200 metres north
 - 4. 200 metres west

Question ID : **7518978019**
Option 1 ID : **75189732074**
Option 2 ID : **75189732076**
Option 3 ID : **75189732075**
Option 4 ID : **75189732073**
Status : **Answered**
Chosen Option : **2**

Q.41 The quadratic equation for which, sum of the roots is $(-\frac{3}{5})$ and product of the roots is $\frac{2}{5}$, is:

- Ans**
- 1. $5x^2 - 2x + 7 = 0$
 - 2. $5x^2 - 7x + 2 = 0$
 - 3. $5x^2 - 3x + 2 = 0$
 - 4. $5x^2 - x + 1 = 0$

Question ID : **7518979310**
Option 1 ID : **75189737237**
Option 2 ID : **75189737239**
Option 3 ID : **75189737238**
Option 4 ID : **75189737240**
Status : **Answered**
Chosen Option : **3**

Q.42 All 48 students of a class are standing in a row facing the north. Yuvika is 7th from the extreme right end of the row. Malini is 22nd from the extreme left end. How many students are standing between Malini and Yuvika?

- Ans
- 1. 18
 - 2. 17
 - 3. 20
 - 4. 19

Question ID : 7518975145
Option 1 ID : 75189720578
Option 2 ID : 75189720577
Option 3 ID : 75189720580
Option 4 ID : 75189720579
Status : Answered
Chosen Option : 4

Q.43 $\frac{\sin A - 2\sin^3 A}{2\cos^3 A - \cos A}$ is equal to:

- Ans
- 1. $\tan A$
 - 2. $\operatorname{cosec} A$
 - 3. $\cot A$
 - 4. $\sin A$

Question ID : 7518979345
Option 1 ID : 75189737377
Option 2 ID : 75189737379
Option 3 ID : 75189737380
Option 4 ID : 75189737378
Status : Answered
Chosen Option : 1

Q.44 Which plant was used by Mendel for his experiments?

- Ans
- 1. Garden peas
 - 2. Lily
 - 3. Rose plant
 - 4. Chilli

Question ID : 7518977845
Option 1 ID : 75189731378
Option 2 ID : 75189731379
Option 3 ID : 75189731377
Option 4 ID : 75189731380
Status : Answered
Chosen Option : 2

Q.45 Sohan starts from his home and cycles 2 kilometres on a straight road. Then he turns left and cycles 5 kilometres to reach a square. From the square, again he takes a left and covers 2 kilometres. Now he is facing the south direction. In which direction does he start to cycle from his home? (All turns are 90 degree turns only)

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

Question ID : 7518979766
Option 1 ID : 75189739063
Option 2 ID : 75189739064
Option 3 ID : 75189739062
Option 4 ID : 75189739061
Status : Answered
Chosen Option : 4

Q.46 If '+' means '-', '-' means '×', '×' means '+' and '+' means '+', what will come in place of the question mark (?) in the following equation?

$$18 \div (18 - 2) \times 9 + 16 = ?$$

- Ans**
- 1. 4
 - 2. 6
 - 3. 8
 - 4. 10

Question ID : 7518977417
Option 1 ID : 75189729665
Option 2 ID : 75189729666
Option 3 ID : 75189729667
Option 4 ID : 75189729668
Status : Answered
Chosen Option : 2

Q.47 Which of the following sites are used for storage of waste products in plants?

- Ans**
- 1. Root hairs
 - 2. Guard cells
 - 3. Old xylem
 - 4. Phloem fibres

Question ID : 7518977811
Option 1 ID : 75189731244
Option 2 ID : 75189731243
Option 3 ID : 75189731242
Option 4 ID : 75189731241
Status : Answered
Chosen Option : 1

Q.48 What is the term of Panchayat Body in India?

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

Question ID : 7518979450
Option 1 ID : 75189737799
Option 2 ID : 75189737798
Option 3 ID : 75189737800
Option 4 ID : 75189737797
Status : Answered
Chosen Option : 3

Q.49 In which year was the 'Kanya Shiksha Pravesh Utsav' launched by the Ministry of Women and Child Development, Government of India?

- Ans
- 1. 2020
 - 2. 2021
 - 3. 2019
 - 4. 2022

Question ID : 7518976486
Option 1 ID : 75189725943
Option 2 ID : 75189725942
Option 3 ID : 75189725944
Option 4 ID : 75189725941
Status : Answered
Chosen Option : 4

Q.50 _____ was the difficulty faced during the barter exchange in large economies.

- Ans
- 1. Maximum profit to the producers
 - 2. Lack of a common measure of value
 - 3. Liquidity
 - 4. Maximum satisfaction to the consumers

Question ID : 7518978890
Option 1 ID : 75189735560
Option 2 ID : 75189735557
Option 3 ID : 75189735559
Option 4 ID : 75189735558
Status : Answered
Chosen Option : 2

Q.51 According to the 2011 language census, what is the rank of Telugu in terms of speakers' total number in India?

- Ans
- 1. 5th
 - 2. 6th
 - 3. 4th
 - 4. 3rd

Question ID : 7518979390
Option 1 ID : 75189737558
Option 2 ID : 75189737557
Option 3 ID : 75189737560
Option 4 ID : 75189737559
Status : Answered
Chosen Option : 3

Q.52 Select the product when zinc granules react with dilute sulphuric acid:

- Ans
- 1. O₂ gas
 - 2. ZnCl₂
 - 3. N₂ gas
 - 4. ZnSO₄

Question ID : 7518979608
Option 1 ID : 75189738431
Option 2 ID : 75189738430
Option 3 ID : 75189738432
Option 4 ID : 75189738429
Status : Answered
Chosen Option : 4

Q.53 In a certain code language, 'THRICE' is written as 'TRIHEC' and 'SECTOR' is written as 'TSROEC'. How will 'JOYFUL' be written in that language?

- Ans
- 1. YUOLJF
 - 2. YUOLFJ
 - 3. YULOJF
 - 4. UYOLJF

Question ID : 7518978003
Option 1 ID : 75189732010
Option 2 ID : 75189732009
Option 3 ID : 75189732012
Option 4 ID : 75189732011
Status : Answered
Chosen Option : 1

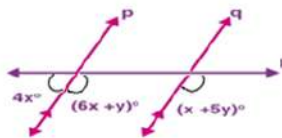
Q.54 The price of fuel decreases by 15%, 12% and 10% in three successive months, but increases by 25% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price?

- Ans**
- 1. Increases by 15.75%
 - 2. Decreases by 15.85%
 - 3. Decreases by 12%
 - 4. Increases by 10%

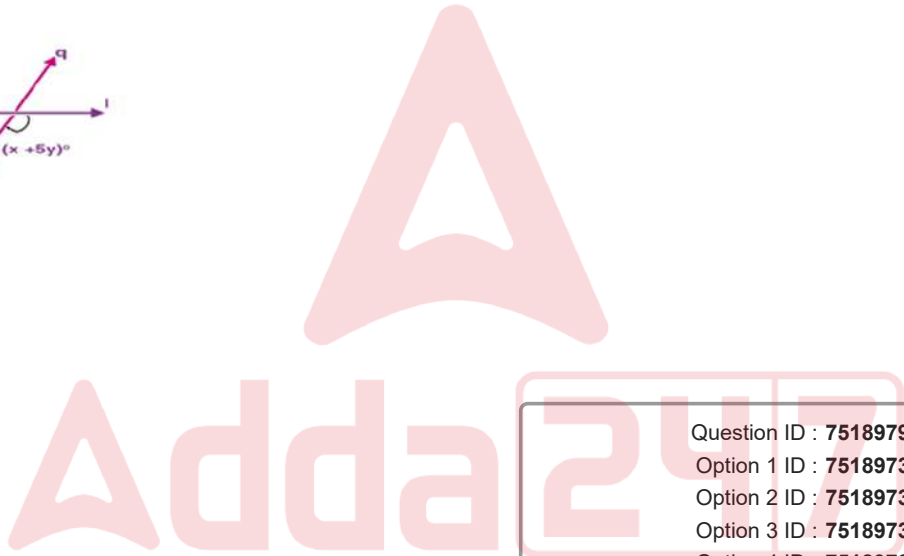
Question ID : 7518978360
 Option 1 ID : 75189733440
 Option 2 ID : 75189733439
 Option 3 ID : 75189733437
 Option 4 ID : 75189733438
 Status : Answered
 Chosen Option : 2

Q.55 In the given figure, $p \parallel q$ and l is a transversal cutting p and q with angles as specified. The value of

$(5x - y)$ is:



- Ans**
- 1. 60
 - 2. 40
 - 3. 96
 - 4. 116



Question ID : 7518979332
 Option 1 ID : 75189737325
 Option 2 ID : 75189737326
 Option 3 ID : 75189737327
 Option 4 ID : 75189737328
 Status : Answered
 Chosen Option : 1

Q.56 35 students of a class are standing in a queue according to the increasing order of their heights. Devyani is standing 11th from the back. If she changes her position with Gauri, she becomes 12th from front. How many students are standing between Devyani and Gauri?

- Ans**
- 1. 11
 - 2. 24
 - 3. 12
 - 4. 23

Question ID : 7518979714
Option 1 ID : 75189738856
Option 2 ID : 75189738855
Option 3 ID : 75189738853
Option 4 ID : 75189738854
Status : Answered
Chosen Option : 3

Q.57 A can complete a certain work in the same time in which B and C together can complete it. If A and B together could complete it in 20 days and C alone in 60 days, then B alone could complete the work in:

- Ans**
- 1. 60 days
 - 2. 65 days
 - 3. 70 days
 - 4. 72 days

Question ID : 7518979266
Option 1 ID : 75189737061
Option 2 ID : 75189737063
Option 3 ID : 75189737064
Option 4 ID : 75189737062
Status : Answered
Chosen Option : 1

Q.58 Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All pens are bags.
2. Some bottles are pens.
3. All shoes are bottles.

Conclusions:

- (I) No bag is a shoe.
(II) Some pens are shoes.
(III) Some bags are shoes.

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

Question ID : 7518979720
Option 1 ID : 75189738879
Option 2 ID : 75189738878
Option 3 ID : 75189738880
Option 4 ID : 75189738877
Status : Answered
Chosen Option : 3

Q.59 The simple interest on a sum for 3 years is two-fifth of the sum. The rate of interest per annum is:

- Ans**
- 1. $\frac{3}{40}\%$
 - 2. $\frac{40}{3}\%$
 - 3. $\frac{10}{3}\%$
 - 4. $\frac{20}{3}\%$

Question ID : 7518979240
Option 1 ID : 75189736959
Option 2 ID : 75189736957
Option 3 ID : 75189736960
Option 4 ID : 75189736958
Status : Answered
Chosen Option : 2

Q.60 Which of the following is an essential element used by the plants to synthesise proteins?

- Ans
- 1. Magnesium
 - 2. Nitrogen
 - 3. Boron
 - 4. Iron

Question ID : 7518974524
Option 1 ID : 75189718095
Option 2 ID : 75189718093
Option 3 ID : 75189718096
Option 4 ID : 75189718094
Status : Answered
Chosen Option : 2

Q.61 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

4 : 9 :: 5 : 12 :: 3 : ?

- Ans
- 1. 6
 - 2. 11
 - 3. 8
 - 4. 7

Question ID : 7518979775
Option 1 ID : 75189739099
Option 2 ID : 75189739100
Option 3 ID : 75189739098
Option 4 ID : 75189739097
Status : Answered
Chosen Option : 1

Q.62 Which of the following is an agricultural waste?

- Ans
- 1. Plastic
 - 2. Glass
 - 3. Vegetable peel
 - 4. Husk

Question ID : 7518974472
Option 1 ID : 75189717886
Option 2 ID : 75189717887
Option 3 ID : 75189717888
Option 4 ID : 75189717885
Status : Answered
Chosen Option : 4

Q.63 'A' and 'B' invest ₹ 30,000 and ₹ 24,000, respectively, for one year. If they get a profit of ₹ 13,500, then the share of 'B' in the profit is:

- Ans**
- 1. ₹6,000
 - 2. ₹9,450
 - 3. ₹9,000
 - 4. ₹7,500

Question ID : 7518979231
Option 1 ID : 75189736921
Option 2 ID : 75189736924
Option 3 ID : 75189736923
Option 4 ID : 75189736922
Status : Answered
Chosen Option : 1

Q.64 The Outer space looks black because of:

- Ans**
- 1. no scattering of light takes place
 - 2. no refraction of light takes place
 - 3. scattering of light by large particles
 - 4. scattering of light by smaller particle

Question ID : 7518979535
Option 1 ID : 75189738140
Option 2 ID : 75189738139
Option 3 ID : 75189738137
Option 4 ID : 75189738138
Status : Answered
Chosen Option : 1

Q.65 A 10 Ω resistor, A, is connected in series to a 20 Ω resistor, B, and a 6 V battery. The potential drops across A and B are respectively _____.

- Ans**
- 1. 2 V and 4 V
 - 2. 4 V and 2 V
 - 3. 1 V and 5 V
 - 4. 3 V and 3 V

Question ID : 7518976690
Option 1 ID : 75189726757
Option 2 ID : 75189726758
Option 3 ID : 75189726760
Option 4 ID : 75189726759
Status : Answered
Chosen Option : 3

Q.66 The LCM of the numbers 2.5 and 0.175 is:

- Ans
- 1. 1.75
 - 2. 0.0175
 - 3. 175
 - 4. 17.5

Question ID : 7518978651
Option 1 ID : 75189734601
Option 2 ID : 75189734602
Option 3 ID : 75189734603
Option 4 ID : 75189734604
Status : Answered
Chosen Option : 4

Q.67 Select the correct option for precipitation reaction.

- Ans
- 1. One reactant should be a carbon compound.
 - 2. All products are water soluble.
 - 3. It always occurs at 80°C.
 - 4. Solid mass separates out on mixing two clear solutions.

Question ID : 7518979625
Option 1 ID : 75189738498
Option 2 ID : 75189738499
Option 3 ID : 75189738497
Option 4 ID : 75189738500
Status : Answered
Chosen Option : 2

Q.68 Which of the following is constant along an indifference curve?

- Ans
- 1. Price
 - 2. Technology
 - 3. Output
 - 4. Utility

Question ID : 7518976802
Option 1 ID : 75189727206
Option 2 ID : 75189727207
Option 3 ID : 75189727205
Option 4 ID : 75189727208
Status : Not Answered
Chosen Option : --

Q.69 Fundamental Duties in the Constitution of India are said to be "borrowed" from the citizen's duties enumerated in the constitution of _____.

- Ans
- 1. USSR
 - 2. USA
 - 3. UK
 - 4. Canada

Question ID : 7518979440
Option 1 ID : 75189737757
Option 2 ID : 75189737759
Option 3 ID : 75189737760
Option 4 ID : 75189737758
Status : Answered
Chosen Option : 1

Q.70 Which of the following is NOT a use of sodium hydroxide?

- Ans
- 1. Paper making
 - 2. Detergent making
 - 3. Sweets making
 - 4. De-greasing metals

Question ID : 7518979647
Option 1 ID : 75189738586
Option 2 ID : 75189738587
Option 3 ID : 75189738588
Option 4 ID : 75189738585
Status : Answered
Chosen Option : 3

Q.71 A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:

Driving on the wrong side of the road will lead to accidents.

Assumptions:

- I. Driving slow will avoid accidents.
- II. Following traffic rules will keep roads accident free.

- Ans**
- 1. Only assumption I is implicit
 - 2. Only assumption II is implicit
 - 3. Neither assumption I nor II is implicit
 - 4. Both assumptions I and II are implicit

Question ID : 7518979195

Option 1 ID : 75189736777

Option 2 ID : 75189736778

Option 3 ID : 75189736779

Option 4 ID : 75189736780

Status : Answered

Chosen Option : 2

Q.72 Refer to the following number series and answer the question.

13 10 17 25 58 63 94 8 92 29

How many prime numbers are immediately followed by even numbers?

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

Question ID : 7518979752

Option 1 ID : 75189739005

Option 2 ID : 75189739006

Option 3 ID : 75189739007

Option 4 ID : 75189739008

Status : Answered

Chosen Option : 3

Q.73 In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

Number/ Symbol	*	1	&	2	&	3	^	4	%	5	\$	5	#	6	@	7	!	8
Code	L	P	O	I	K	M	N	J	U	Y	H	B	G	T	F	V	C	D

Conditions:

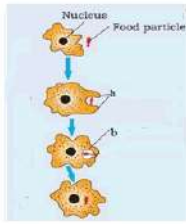
- 1.If the first element is an even number and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged.
- 2.If both the second and third elements are odd numbers, the third element is to be coded as the code for the second element.
- 3.If the first element is a number and the last a symbol, the first and last elements are to be coded as A.

What will be the code for 64%37* ?

- Ans**
- 1. AJUMVL
 - 2. AJUMVA
 - 3. TJUMVL
 - 4. LJUMVT

Question ID : 7518978009
 Option 1 ID : 75189732036
 Option 2 ID : 75189732033
 Option 3 ID : 75189732034
 Option 4 ID : 75189732035
 Status : Answered
 Chosen Option : 2

Q.74 The following diagram shows nutrition in amoeba. Which option correctly identifies the labelling 'a' and 'b' along with their functions?



Ans

a - Pseudopodia (take in food)

✗ 1.

b - Food vacuole (egestion of food)

a - Food vacuole (absorption of food)

✗ 2.

b - Food vacuole (digestion of food)

a - Food vacuole (take in food)

✗ 3.

b - Pseudopodia (absorption of food)

a - Pseudopodia (take in food)

✓ 4.

b - Food vacuole (digestion of food)

Question ID : 7518974579

Option 1 ID : 75189718315

Option 2 ID : 75189718316

Option 3 ID : 75189718314

Option 4 ID : 75189718313

Status : Answered

Chosen Option : 4

Q.75 The area of a triangle having base 4 cm and height 7 cm is:

Ans

✗ 1. 32 cm²

✓ 2. 14 cm²

✗ 3. 28 cm²

✗ 4. 24 cm²

Question ID : 7518978778

Option 1 ID : 75189735109

Option 2 ID : 75189735112

Option 3 ID : 75189735110

Option 4 ID : 75189735111

Status : Answered

Chosen Option : 2

Q.76 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:

$$Y \geq R = S \leq T = N > A$$

Conclusions:

1. $Y > T$

2. $N \geq R$

3. $Y < S$

4. $T = A$

Ans 1. 1

2. 3

3. 4

4. 2

Question ID : 7518977323

Option 1 ID : 75189729289

Option 2 ID : 75189729291

Option 3 ID : 75189729292

Option 4 ID : 75189729290

Status : Not Answered

Chosen Option : --

Q.77 The value of $(11^0 + 21^0 - 7^0 + 3^0) \times 5^0$ is:

Ans 1. 0

2. 2

3. 1

4. 3

Question ID : 7518979202

Option 1 ID : 75189736806

Option 2 ID : 75189736808

Option 3 ID : 75189736805

Option 4 ID : 75189736807

Status : Answered

Chosen Option : 2

Q.78 In Mendeleev's Periodic Table, at which position are the formulae of hydrides and oxides of elements written?

- Ans**
- 1. Bottom
 - 2. Top
 - 3. Right
 - 4. Left

Question ID : **7518979683**
Option 1 ID : **75189738729**
Option 2 ID : **75189738732**
Option 3 ID : **75189738731**
Option 4 ID : **75189738730**
Status : **Not Answered**

Chosen Option : --

Q.79 If we add 9 to each of the following numbers and then write the digits of each number in reverse order and then arrange the numbers in descending order, the position of how many numbers will NOT change?

221, 256, 465, 387, 356

- Ans**
- 1. Two
 - 2. Three
 - 3. One
 - 4. Zero

Question ID : **7518978073**
Option 1 ID : **75189732291**
Option 2 ID : **75189732292**
Option 3 ID : **75189732290**
Option 4 ID : **75189732289**
Status : **Answered**

Chosen Option : 4

Q.80 A and B together can complete a piece of work in 5 days, while X and Y together can complete the same work in 20 days. The number of days A, B, X and Y together will take to complete it is:

- Ans**
- 1. 4 days
 - 2. 5 days
 - 3. 3 days
 - 4. 6 days

Question ID : **7518979262**
Option 1 ID : **75189737045**
Option 2 ID : **75189737047**
Option 3 ID : **75189737046**
Option 4 ID : **75189737048**
Status : **Answered**

Chosen Option : 1

Q.81 Study the following arrangement carefully and answer the question.

(Left) 8 & 2 @ 4 4 J @ 1 ^ £ % 3 8 ¥ 6 # 7 3 (Right)

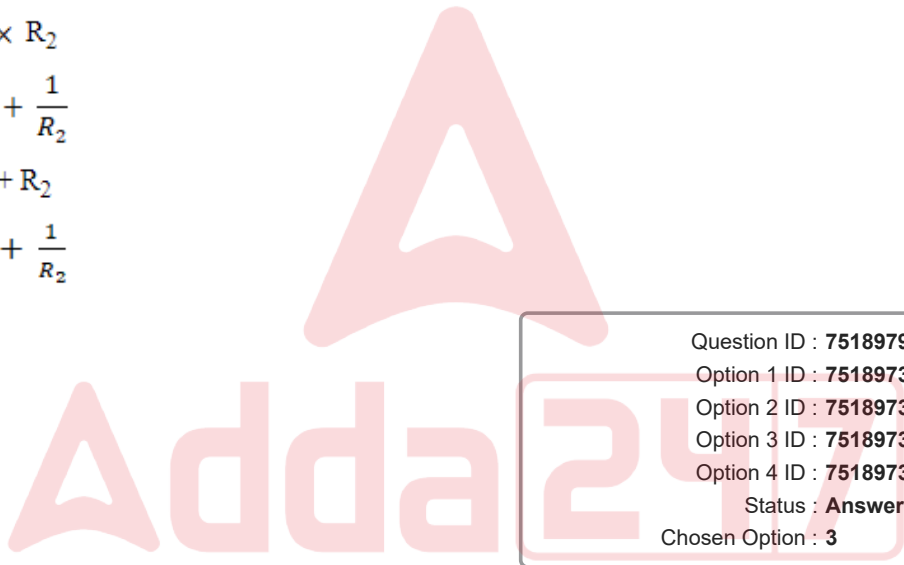
How many such numbers are there each of which is immediately followed by a symbol and also immediately preceded by a symbol?

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

Question ID : 7518977666
 Option 1 ID : 75189730662
 Option 2 ID : 75189730664
 Option 3 ID : 75189730661
 Option 4 ID : 75189730663
 Status : Answered
 Chosen Option : 1

Q.82 For series combination the correct relation between R, R₁, R₂ is:

- Ans
- 1. $R = R_1 \times R_2$
 - 2. $\frac{1}{R} = \frac{1}{R_1} + \frac{1}{R_2}$
 - 3. $R = R_1 + R_2$
 - 4. $R = \frac{1}{R_1} + \frac{1}{R_2}$



Question ID : 7518979556
 Option 1 ID : 75189738221
 Option 2 ID : 75189738222
 Option 3 ID : 75189738223
 Option 4 ID : 75189738224
 Status : Answered
 Chosen Option : 3

Q.83 Six people P, Q, R, S, T and U are living on a six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. R lives on the floor immediately below the floor of P. Q does not live on the topmost floor. T lives on the floor immediately below the floor of S. P does not live on any of the floors below S. Only three people live between the floors of U and T. T and U live on even numbered floors. Who lives on the floor number 4?

- Ans
- 1. S
 - 2. U
 - 3. R
 - 4. P

Question ID : 7518978959
 Option 1 ID : 75189735836
 Option 2 ID : 75189735833
 Option 3 ID : 75189735835
 Option 4 ID : 75189735834
 Status : Answered
 Chosen Option : 3

Q.84 What is the annual dropout rate of secondary school students in India as per the 2020-21 report by Unified District Information System for Education Plus (UDISE+) ?

- Ans**
- 1. 15.1%
 - 2. 14.6%
 - 3. 16.8%
 - 4. 12.3%

Question ID : 7518976527
Option 1 ID : 75189726107
Option 2 ID : 75189726106
Option 3 ID : 75189726108
Option 4 ID : 75189726105
Status : Not Answered
Chosen Option : --

Q.85 Two times the present age of Anu is 6 years more than the present age of Bina. The present age of Anu's mother (M) is three times the present age of Anu, and Bina is 5 years younger than her sister (S). If the sum of the present ages of M and S is 64 years, then Anu's present age (in years) is:

- Ans**
- 1. 15
 - 2. 17
 - 3. 13
 - 4. 14

Question ID : 7518978448
Option 1 ID : 75189733791
Option 2 ID : 75189733792
Option 3 ID : 75189733789
Option 4 ID : 75189733790
Status : Answered
Chosen Option : 3

Q.86 K22P is related to M26N in a certain way. In the same way, O30L is related to Q34J. To which of the following is S38H related, following the same logic?

- Ans**
- 1. V44E
 - 2. T40G
 - 3. T42F
 - 4. U42F

Question ID : 7518979025
Option 1 ID : 75189736100
Option 2 ID : 75189736098
Option 3 ID : 75189736097
Option 4 ID : 75189736099
Status : Answered
Chosen Option : 4

Q.87 When a ray of light is incident obliquely at the pole, of a concave mirror then the reflected ray will:

- Ans
- 1. return with Angle $i = \text{Angle } r$
 - 2. return without deviation
 - 3. pass straight
 - 4. become perpendicular to incident ray

Question ID : 7518979460

Option 1 ID : 75189737839

Option 2 ID : 75189737838

Option 3 ID : 75189737837

Option 4 ID : 75189737840

Status : Not Answered

Chosen Option : --

Q.88 The area of a rectangle whose length is 13 cm and breadth is 12 cm is:

- Ans
- 1. 186 cm^2
 - 2. 176 cm^2
 - 3. 166 cm^2
 - 4. 156 cm^2

Question ID : 7518978781

Option 1 ID : 75189735121

Option 2 ID : 75189735122

Option 3 ID : 75189735123

Option 4 ID : 75189735124

Status : Answered

Chosen Option : 4

Q.89 Three statements are given followed by two conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. All squares are roses.
2. Some roses are parrots.
3. No parrot is a square.

Conclusions:

- (I) Some parrots are roses.
(II) Some squares are parrots.

- Ans**
- ✓ 1. Only conclusion I follows.
 - ✗ 2. Both conclusions I and II follow.
 - ✗ 3. Only conclusion II follows.
 - ✗ 4. None of the conclusions follows.

Question ID : 7518979719
Option 1 ID : 75189738874
Option 2 ID : 75189738875
Option 3 ID : 75189738873
Option 4 ID : 75189738876

Status : Answered

Chosen Option : 1

Q.90 Factorise ($x^2 - 16a^2 + 24ab - 9b^2$).

- Ans**
- ✓ 1. $(x - 4a + 3b)(x + 4a - 3b)$
 - ✗ 2. $(x + 4a + 3b)(x - 4a + 3b)$
 - ✗ 3. $(x - 4a - 3b)(x + 4a - 3b)$
 - ✗ 4. $(x + 4a + 3b)(x + 4a - 3b)$

Question ID : 7518979281
Option 1 ID : 75189737124
Option 2 ID : 75189737123
Option 3 ID : 75189737122
Option 4 ID : 75189737121

Status : Answered

Chosen Option : 1

Q.91 Amongst six friends A, D, F, G, L and S, each has a different age. S is older than only four other friends. D is older than only one friend. G is older than L but younger than A. A is not the oldest. Who is the youngest among all the friends?

- Ans**
- 1. F
 - 2. S
 - 3. L
 - 4. G

Question ID : 7518978237
Option 1 ID : 75189732945
Option 2 ID : 75189732946
Option 3 ID : 75189732947
Option 4 ID : 75189732948
Status : Answered
Chosen Option : 3

Q.92 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:

- I. All mobiles are laptops.
- II. All laptops are notebooks.
- III. All notebooks are books.

Conclusions:

- I. All books are laptops.
- II. Some notebooks are mobiles.
- III. All laptops are books.

- Ans**
- 1. All conclusions follow
 - 2. Conclusions I and II follow
 - 3. Conclusions II and III follow
 - 4. Conclusions I and III follow

Question ID : 7518977914
Option 1 ID : 75189731656
Option 2 ID : 75189731653
Option 3 ID : 75189731655
Option 4 ID : 75189731654
Status : Answered
Chosen Option : 3

Q.93 Select the option in which the numbers are related in the same way as are the numbers of the given 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 /deleting /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)

(8, 19, 22)

(3, 9, 12)

- Ans**
- 1. (5, 15, 16)
 - 2. (2, 5, 4)
 - 3. (4, 15, 18)
 - 4. (17, 21, 8)

Question ID : 7518979783

Option 1 ID : 75189739131

Option 2 ID : 75189739132

Option 3 ID : 75189739129

Option 4 ID : 75189739130

Status : Answered

Chosen Option : 3

Q.94 Express $0.\overline{3}$ in the form $\frac{p}{q}$, where p and q are integers and $q \neq 0$.

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

Question ID : 7518979212

Option 1 ID : 75189736845

Option 2 ID : 75189736847

Option 3 ID : 75189736846

Option 4 ID : 75189736848

Status : Answered

Chosen Option : 4

Q.95 Six persons O, P, Q, R, S, and T are sitting in a circular arrangement facing the centre of the circle. O is the immediate neighbour of both S and Q. T is sitting second to the right of O and is to the immediate right of Q. P is sitting third to the right of Q. Who among the following is sitting second to the right of Q?

- Ans**
- 1. T
 - 2. P
 - 3. O
 - 4. R

Question ID : 7518977885

Option 1 ID : 75189731539

Option 2 ID : 75189731538

Option 3 ID : 75189731537

Option 4 ID : 75189731540

Status : Answered

Chosen Option : 3

Q.96 The decision to shift the capital of India from Calcutta to Delhi was announced at a Durbar held in _____ in 1911 to celebrate the coronation of King George V.

- Ans**
- 1. Calcutta (Kolkata)
 - 2. Delhi
 - 3. Kanpur
 - 4. Mysore (Mysuru)

Question ID : 7518978511

Option 1 ID : 75189734041

Option 2 ID : 75189734042

Option 3 ID : 75189734043

Option 4 ID : 75189734044

Status : Answered

Chosen Option : 2

Q.97 A rectangular coil is moving in a uniform magnetic field. The direction of the magnetic field is perpendicular to the plane of the coil. If the speed of the moving coil in the magnetic field decreases, then:

- Ans**
- 1. it will destroy the magnetic field
 - 2. induced potential difference decreases
 - 3. induced potential difference increases
 - 4. it will strengthen the magnetic field

Question ID : 7518979585

Option 1 ID : 75189738337

Option 2 ID : 75189738339

Option 3 ID : 75189738338

Option 4 ID : 75189738340

Status : Answered

Chosen Option : 2

Q.98 The reaction between lead nitrate and potassium iodide is an example of:

- Ans
- 1. combination reaction
 - 2. double displacement reaction
 - 3. decomposition reaction
 - 4. displacement reaction

Question ID : 7518979622
Option 1 ID : 75189738485
Option 2 ID : 75189738488
Option 3 ID : 75189738486
Option 4 ID : 75189738487
Status : Answered
Chosen Option : 4

Q.99 The average of five numbers is 15. If four of the numbers are 10, 12, 14 and 18, then the fifth number is:

- Ans
- 1. 23
 - 2. 21
 - 3. 36
 - 4. 31

Question ID : 7518978713
Option 1 ID : 75189734849
Option 2 ID : 75189734852
Option 3 ID : 75189734850
Option 4 ID : 75189734851
Status : Answered
Chosen Option : 4

Q.100 Which of the following numbers will replace the question mark (?) in the given series?

132, 109, 90, 73, 60, ?

- Ans
- 1. 46
 - 2. 52
 - 3. 49
 - 4. 48

Question ID : 7518977711
Option 1 ID : 75189730841
Option 2 ID : 75189730844
Option 3 ID : 75189730843
Option 4 ID : 75189730842
Status : Answered
Chosen Option : 3