



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 Kaluchak
Test Date	09/09/2022
Test Time	9:00 AM - 10:30 AM
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 Pipe A can fill a cistern in 6 hours and B can fill it in 30 hours. Both pipes were turned on but there was a leakage in the bottom of the cistern. So, the cistern took 30 minutes more to fill. The time that the leakage will take to empty the full cistern is:

- Ans
- ☒ 1. 54 hours
 - ☒ 2. 65 hours
 - ☒ 3. 60 hours
 - ☒ 4. 55 hours

Question ID : 7518979269
Option 1 ID : 75189737073
Option 2 ID : 75189737075
Option 3 ID : 75189737076
Option 4 ID : 75189737074

Status : Answered

Chosen Option : 4

Q.2 Indian sub-continent, in general, is known to have which of the following types of climate?

- Ans
- ☒ 1. Temperate Monsoon
 - ☒ 2. Mediterranean
 - ☒ 3. Equatorial
 - ☒ 4. Tropical Monsoon

Question ID : 7518974263
Option 1 ID : 75189717050
Option 2 ID : 75189717051
Option 3 ID : 75189717052
Option 4 ID : 75189717049

Status : Answered

Chosen Option : 4



Q.3 The median of the observations 4, 14, 11, 8, 7, 8, 9, 12, 4 and 6 is:

- Ans
- ☒ 1. 11
 - ☒ 2. 9
 - ☒ 3. 10
 - ☒ 4. 8

Question ID : 7518978721
Option 1 ID : 75189734881
Option 2 ID : 75189734883
Option 3 ID : 75189734882
Option 4 ID : 75189734884
Status : Answered
Chosen Option : 4

Q.4 Select the number from among the given options that can replace the question mark (?) in the following series.

21, 22, 26, 35, 51, 76, ?

- Ans
- ☒ 1. 140
 - ☒ 2. 114
 - ☒ 3. 112
 - ☒ 4. 110

Question ID : 7518978040
Option 1 ID : 75189732157
Option 2 ID : 75189732158
Option 3 ID : 75189732159
Option 4 ID : 75189732160
Status : Answered
Chosen Option : 3

Q.5 A current carrying wire is placed horizontally in a magnetic field with north pole in upward and south pole in downward direction. The wire is deflected towards south direction. The direction of electrons in the wire is:

- Ans
- ☒ 1. west to east
 - ☒ 2. north to south
 - ☒ 3. south to north
 - ☒ 4. east to west

Question ID : 7518978155
Option 1 ID : 75189732618
Option 2 ID : 75189732619
Option 3 ID : 75189732620
Option 4 ID : 75189732617
Status : Answered
Chosen Option : 2

Q.6 A sum of ₹4,800 is divided between A, B and C such that the ratio of the share of A to the combined share of B and C is

3 : 5 and C receives $\frac{5}{7}$ of what A and B together receive. The difference (in ₹) of A's share and B's share is:

- Ans**
- ☒ 1. 1,000
 - ☒ 2. 800
 - ☒ 3. 900
 - ☒ 4. 850

Question ID : 7518978364

Option 1 ID : 75189733456

Option 2 ID : 75189733453

Option 3 ID : 75189733455

Option 4 ID : 75189733454

Status : Answered

Chosen Option : 2

Q.7 A ray of light is incident on a refracting surface AB of a glass prism and emerges out of the other refracting surface AC.

Consider the following statements:

- (a) The angle of refraction at surface AB is more than the angle of incidence.
- (b) The angle of refraction at the surface AC is less than the angle of incidence.

Which of the above statements is/are correct?

- Ans**
- ☒ 1. Both (a) and (b)
 - ☒ 2. Only (a)
 - ☒ 3. Neither (a) nor (b)
 - ☒ 4. Only (b)

Question ID : 7518976643

Option 1 ID : 75189726569

Option 2 ID : 75189726571

Option 3 ID : 75189726570

Option 4 ID : 75189726572

Status : Answered

Chosen Option : 1

Q.8 The average marks obtained in mathematics by the students of a class was 70. The average marks obtained by the boys is 20% more than the average marks obtained by the girls. If the ratio of the number of boys to that of girls is 3 : 2, then the average marks obtained by the girls is:

- Ans**
- ☒ 1. 62.5
 - ☒ 2. 63
 - ☒ 3. 63.5
 - ☒ 4. 65

Question ID : 7518978408

Option 1 ID : 75189733629

Option 2 ID : 75189733630

Option 3 ID : 75189733631

Option 4 ID : 75189733632

Status : Answered

Chosen Option : 1

Q.9 If the cost price of an item is ₹4,500 and its selling price is ₹3,500, then the loss percentage is:

Ans

☒ 1. $44\frac{2}{9}\%$

☒ 2. $55\frac{2}{9}\%$

☒ 3. $33\frac{2}{9}\%$

☒ 4. $22\frac{2}{9}\%$

Question ID : 7518978682

Option 1 ID : 75189734726

Option 2 ID : 75189734725

Option 3 ID : 75189734727

Option 4 ID : 75189734728

Status : Answered

Chosen Option : 4

Q.10 E, F, G, H, I and J live on 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.

G lives on the lowermost floor. Only J lives between the floors occupied by H and I. E lives on floor number 2. F lives on an even numbered floor, with I as an immediate neighbour. Who lives on floor number 4?

Ans

☒ 1. I

☒ 2. F

☒ 3. H

☒ 4. J

Question ID : 7518977592

Option 1 ID : 75189730368

Option 2 ID : 75189730365

Option 3 ID : 75189730367

Option 4 ID : 75189730366

Status : Answered

Chosen Option : 4

Q.11 Which of the following parts of the alimentary canal carries out the complete digestion of carbohydrates, proteins and fats?

Ans

☒ 1. Small intestine

☒ 2. Large intestine

☒ 3. Stomach

☒ 4. Oesophagus

Question ID : 7518977822

Option 1 ID : 75189731287

Option 2 ID : 75189731288

Option 3 ID : 75189731286

Option 4 ID : 75189731285

Status : Answered

Chosen Option : 1

Q.12

The value of $39 \div \{6 \times (\frac{6}{7} \text{ of } \frac{7}{8})\}$ is:

Ans

☒ 1. $\frac{25}{3}$

☒ 2. $\frac{28}{3}$

☒ 3. $\frac{26}{3}$

☒ 4. $\frac{23}{3}$

Question ID : 7518978612

Option 1 ID : 75189734446

Option 2 ID : 75189734448

Option 3 ID : 75189734447

Option 4 ID : 75189734445

Status : Answered

Chosen Option : 3

Q.13

Which of the following statements is true about the nature of roots for the equation $2x^2 + 9x + 15 = 0$?

Ans

☒ 1. Both roots are imaginary or non-real

☒ 2. One root is positive real and one is negative real

☒ 3. Both roots are negative real

☒ 4. Both roots are positive real

Question ID : 7518979315

Option 1 ID : 75189737257

Option 2 ID : 75189737258

Option 3 ID : 75189737260

Option 4 ID : 75189737259

Status : Answered

Chosen Option : 1

Q.14

Amongst six friends C, V, Z, N, X and B, each has a different height. Z is taller than only four other friends. N is taller than only one friend. X is taller than B but shorter than V. V is not the tallest. Who is the tallest among all the friends?

Ans

☒ 1. N

☒ 2. X

☒ 3. C

☒ 4. B

Question ID : 7518978230

Option 1 ID : 75189732917

Option 2 ID : 75189732918

Option 3 ID : 75189732920

Option 4 ID : 75189732919

Status : Answered

Chosen Option : 3

Q.15 If the first and third digits of each number are interchanged and then the numbers are arranged in descending order, the position of how many numbers will NOT change?

7451, 3254, 7353, 3464, 1958

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

Question ID : 7518978069

Option 1 ID : 75189732276

Option 2 ID : 75189732273

Option 3 ID : 75189732275

Option 4 ID : 75189732274

Status : Answered

Chosen Option : 3

Q.16 The present ages of two persons are 46 years and 60 years, respectively. If after 'n' years, the ratio of their ages is 4: 5, then the value of 'n' is:

- Ans**
- ✗ 1. 11
 - ✗ 2. 12
 - ✗ 3. 13
 - ✓ 4. 10

Question ID : 7518978750

Option 1 ID : 75189734999

Option 2 ID : 75189734998

Option 3 ID : 75189734997

Option 4 ID : 75189735000

Status : Answered

Chosen Option : 4

Q.17 Select the correct product when ethanol is heated at 443 K with excess concentrated sulphuric acid.

- Ans**
- ✗ 1. CH_3COOH
 - ✓ 2. $\text{CH}_2 = \text{CH}_2$
 - ✗ 3. $\text{CH}_3 - \text{CH}_3$
 - ✗ 4. CH_4

Question ID : 7518978105

Option 1 ID : 75189732419

Option 2 ID : 75189732417

Option 3 ID : 75189732420

Option 4 ID : 75189732418

Status : Answered

Chosen Option : 3

Q.18 Gautama (Siddhartha) is believed to have piously meditated at which place for six years before he went to Bodhgaya for the final realisation?

- Ans**
- ✓ 1. Pragbodhi
 - ✗ 2. Kapilavastu
 - ✗ 3. Rajgir
 - ✗ 4. Itkhor

Question ID : 7518979391

Option 1 ID : 75189737563

Option 2 ID : 75189737564

Option 3 ID : 75189737562

Option 4 ID : 75189737561

Status : Answered

Chosen Option : 3

Q.19 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)

(4, 6, 8)

(6, 9, 12)

- Ans**
- ✗ 1. (2, 12, 8)
 - ✗ 2. (18, 18, 16)
 - ✓ 3. (8, 12, 16)
 - ✗ 4. (5, 30, 10)

Question ID : 7518977734

Option 1 ID : 75189730935

Option 2 ID : 75189730936

Option 3 ID : 75189730933

Option 4 ID : 75189730934

Status : Answered

Chosen Option : 3

Q.20 Two resistors, each of $10\ \Omega$, are connected in parallel. The combination, in turn, is connected in series to a third resistor of $10\ \Omega$ and a battery of 6 V. The power supplied by the battery is:

- Ans**
- ✗ 1. 5.4 W
 - ✗ 2. 1.2 W
 - ✗ 3. 10.8 W
 - ✓ 4. 2.4 W

Question ID : 7518976716

Option 1 ID : 75189726862

Option 2 ID : 75189726864

Option 3 ID : 75189726861

Option 4 ID : 75189726863

Status : Answered

Chosen Option : 4

Q.21 Section 2(12) of The Juvenile Justice (Care and Protection of Children) Act, 2015 defines a child as 'a person who has not completed _____ years of age'.

- Ans**
- ☐ 1. 12
 - ☐ 2. 15
 - ☒ 3. 18
 - ☐ 4. 17

Question ID : **7518978510**
Option 1 ID : **75189734039**
Option 2 ID : **75189734037**
Option 3 ID : **75189734040**
Option 4 ID : **75189734038**
Status : **Answered**
Chosen Option : **3**

Q.22 Raghav starts from Point A and drives 10 km towards the north. He then takes a right turn, drives 4 km, turns right and drives 13 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 3 km and stops at Point P. How far and towards which direction should he drive in order to reach Point A from Point P? (All turns are 90 degree turns only)

- Ans**
- ☐ 1. 3 km towards the west
 - ☒ 2. 3 km towards the east
 - ☐ 3. 4 km towards the east
 - ☐ 4. 5 km towards the north

Question ID : **7518978281**
Option 1 ID : **75189733121**
Option 2 ID : **75189733122**
Option 3 ID : **75189733123**
Option 4 ID : **75189733124**
Status : **Answered**
Chosen Option : **1**

Q.23 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. G sits third to the left of D. G sits at one of the corners. B sits second to the right of A. A does not sit at any of the corners. A is not an immediate neighbour of G. H is an immediate neighbour of C. H does not sit at any of the middle of the sides. Only three people sit between H and F. Who sits third to the left of E?

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

Question ID : **7518978168**
Option 1 ID : **75189732671**
Option 2 ID : **75189732670**
Option 3 ID : **75189732672**
Option 4 ID : **75189732669**
Status : **Answered**
Chosen Option : **3**

Q.24 Each of the digits in the number 8132475 is arranged in descending order from left to right. what will be the sum of the digits which are third from the left and second from the right in the new number thus formed?

- Ans**
- ☒ 1. 9
 - ☒ 2. 2
 - ☒ 3. 5
 - ☒ 4. 7

Question ID : **7518974877**
Option 1 ID : **75189719505**
Option 2 ID : **75189719506**
Option 3 ID : **75189719507**
Option 4 ID : **75189719508**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following is NOT a part of aggregate demand in an economy?

- Ans**
- ☒ 1. Exports
 - ☒ 2. Increase in population
 - ☒ 3. Capital goods
 - ☒ 4. Imports

Question ID : **7518977504**
Option 1 ID : **75189730014**
Option 2 ID : **75189730016**
Option 3 ID : **75189730013**
Option 4 ID : **75189730015**
Status : **Answered**
Chosen Option : **2**

Q.26 Tarnishing of ornaments is an example of _____.

- Ans**
- ☒ 1. photolytic decomposition reaction
 - ☒ 2. oxidation reaction
 - ☒ 3. neutralisation reaction
 - ☒ 4. exothermic reaction

Question ID : **7518973457**
Option 1 ID : **75189713828**
Option 2 ID : **75189713825**
Option 3 ID : **75189713826**
Option 4 ID : **75189713827**
Status : **Answered**
Chosen Option : **2**

Q.27 The Finance Commission of India is set up under _____.

- Ans
- ✓ 1. Article 280
 - ✗ 2. Article 277
 - ✗ 3. Article 265
 - ✗ 4. Article 288

Question ID : 7518977557
Option 1 ID : 75189730227
Option 2 ID : 75189730226
Option 3 ID : 75189730225
Option 4 ID : 75189730228
Status : Answered
Chosen Option : 4

Q.28 In a certain code language, ELDERLY is written as DLEEYLR, and GENERAL is written as NEGELAR. How is NUCLEAR written in that language?

- Ans
- ✗ 1. CULNREA
 - ✗ 2. UCNLARE
 - ✓ 3. CUNLRAE
 - ✗ 4. UCNRLEL

Question ID : 7518979013
Option 1 ID : 75189736050
Option 2 ID : 75189736051
Option 3 ID : 75189736052
Option 4 ID : 75189736049
Status : Answered
Chosen Option : 3

Q.29 A certain number of people are sitting in a row, facing north. Lalit sits fourth to the left of Purnima. Lalit is third from the left end. Leela is eleventh from the right end and an immediate neighbour of Lalit. Only four people sit between Sheetal and Lalit. Only four people sit between Sheetal and Neena. How many people are sitting in the row?

- Ans
- ✓ 1. 14
 - ✗ 2. 33
 - ✗ 3. 23
 - ✗ 4. 18

Question ID : 7518977907
Option 1 ID : 75189731625
Option 2 ID : 75189731627
Option 3 ID : 75189731626
Option 4 ID : 75189731628
Status : Answered
Chosen Option : 1

Q.30 The LCM of the numbers 36, 54, 72 and 96 is:

- Ans
- ☒ 1. 764
 - ☒ 2. 864
 - ☒ 3. 964
 - ☒ 4. 1064

Question ID : 7518978649

Option 1 ID : 75189734596

Option 2 ID : 75189734595

Option 3 ID : 75189734594

Option 4 ID : 75189734593

Status : Answered

Chosen Option : 2

Q.31 What is the correct order of periods in terms of number of elements?

- Ans
- ☒ 1. $1 = 2 < 3 = 4 < 5 = 6 < 7$
 - ☒ 2. $1 < 2 = 3 < 4 = 5 < 6 = 7$
 - ☒ 3. $1 = 2 = 3 < 4 = 5 < 6 = 7$
 - ☒ 4. $1 < 2 < 3 = 4 < 5 = 6 < 7$

Question ID : 7518973731

Option 1 ID : 75189714922

Option 2 ID : 75189714921

Option 3 ID : 75189714923

Option 4 ID : 75189714924

Status : Answered

Chosen Option : 4

Q.32 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. No Boy is a Singer.
2. All Singers are Musicians.
3. All Musicians are Actors.

Conclusions:

- I. All Musicians cannot be Boys.
- II. All Boys are Actors.
- III. No Actor is a Boy.

- Ans
- ☒ 1. Conclusions II and III follow
 - ☒ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Conclusions I and II follow

Question ID : 7518977911

Option 1 ID : 75189731643

Option 2 ID : 75189731642

Option 3 ID : 75189731641

Option 4 ID : 75189731644

Status : Not Answered

Chosen Option : --

Q.33 Which of the following constitutes the human excretory system?

Ans ☒ 1.

One pair of kidneys, single ureter, single urinary bladder and single urethra

☒ 2.

One pair of kidneys, single urinary bladder, single ureter and one pair of urethra

☒ 3.

One pair of kidneys, one pair of ureters, single urinary bladder and single urethra

☒ 4.

Single kidney, single ureter, one pair of urinary bladder and single urethra

Question ID : 7518977836

Option 1 ID : 75189731341

Option 2 ID : 75189731344

Option 3 ID : 75189731343

Option 4 ID : 75189731342

Status : Answered

Chosen Option : 1

Q.34 Three numbers are in the ratio 4: 5: 7, and their LCM is 5600. Their HCF is:

Ans ☒ 1. 30

☒ 2. 40

☒ 3. 20

☒ 4. 10

Question ID : 7518978656

Option 1 ID : 75189734623

Option 2 ID : 75189734624

Option 3 ID : 75189734622

Option 4 ID : 75189734621

Status : Answered

Chosen Option : 2

Q.35 Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.

P travelled in February. Only one person travelled between P and R. Only three people travelled between S and Q. Q travelled in a month after R. Who among them travelled in January?

Ans ☒ 1. Q

☒ 2. T

☒ 3. R

☒ 4. S

Question ID : 7518978189

Option 1 ID : 75189732753

Option 2 ID : 75189732755

Option 3 ID : 75189732756

Option 4 ID : 75189732754

Status : Answered

Chosen Option : 4

Q.36 This question is based on the five, three-digit numbers given below.

(Left) 744 345 417 235 829 (Right)

(Example: 697 – first digit = 6, second digit = 9, third digit = 7)

NOTE: All operations to be done from left to right.

What will be the resultant if the second digit of the largest number is added to the third digit of smallest number?

- Ans
- ✓ 1. 7
 - ✗ 2. 14
 - ✗ 3. 5
 - ✗ 4. 12

Question ID : 7518979178
Option 1 ID : 75189736709
Option 2 ID : 75189736710
Option 3 ID : 75189736711
Option 4 ID : 75189736712
Status : Answered
Chosen Option : 1

Q.37 Which atomic number is related with four valence electrons?

- Ans
- ✓ 1. 6
 - ✗ 2. 8
 - ✗ 3. 5
 - ✗ 4. 7

Question ID : 7518978104
Option 1 ID : 75189732414
Option 2 ID : 75189732416
Option 3 ID : 75189732413
Option 4 ID : 75189732415
Status : Answered
Chosen Option : 1

Q.38 In a certain code language, 'ALBUM' is written as 'CPHCW' and 'BOARD' is written as 'DSGZN'. How will 'CLEAR' be written in that language?

- Ans
- ✓ 1. EPKIB
 - ✗ 2. EKNPS
 - ✗ 3. SDOIG
 - ✗ 4. PLEUV

Question ID : 7518979185
Option 1 ID : 75189736738
Option 2 ID : 75189736740
Option 3 ID : 75189736737
Option 4 ID : 75189736739
Status : Answered
Chosen Option : 1

Q.39 The value of $(0.1 \times 0.001 \times 0.0001 \times 10^6)$ is:

- Ans
- ☒ 1. 1
 - ☒ 2. $\frac{1}{10}$
 - ☒ 3. 100
 - ☒ 4. $\frac{1}{100}$

Question ID : 7518979204
 Option 1 ID : 75189736814
 Option 2 ID : 75189736816
 Option 3 ID : 75189736813
 Option 4 ID : 75189736815

Status : Answered

Chosen Option : 4

Q.40 The volumes of two spheres are in the ratio 216 : 125. The ratio of their surface areas is:

- Ans
- ☒ 1. 25 : 9
 - ☒ 2. 36 : 25
 - ☒ 3. 9 : 4
 - ☒ 4. 16 : 9

Question ID : 7518979324
 Option 1 ID : 75189737296
 Option 2 ID : 75189737294
 Option 3 ID : 75189737293
 Option 4 ID : 75189737295

Status : Answered

Chosen Option : 2

Q.41 A statement is given below, followed by four conclusions given in the options. Find out which conclusion is true based on the given statement.

Statement: $Q \geq W = E > R \leq T < Y$

- Ans
- ☒ 1. $Q > R < Y$
 - ☒ 2. $E > Y > T$
 - ☒ 3. $R < Y < T$
 - ☒ 4. $Q = W = E$

Question ID : 7518978218
 Option 1 ID : 75189732871
 Option 2 ID : 75189732872
 Option 3 ID : 75189732869
 Option 4 ID : 75189732870

Status : Answered

Chosen Option : 1

Q.42 The value of $\sec A (1 - \cos A) (\operatorname{cosec} A + \cot A)$ is:

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

Question ID : 7518978812

Option 1 ID : 75189735245

Option 2 ID : 75189735247

Option 3 ID : 75189735246

Option 4 ID : 75189735248

Status : Answered

Chosen Option : 3

Q.43 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 statement.

Statements:

All sofas are chairs

All chairs are benches

All benches are desks

Conclusions:

(I) Some desks are sofas

(II) All chairs are sofas

(III) No chair is a sofa

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

Question ID : 7518977605

Option 1 ID : 75189730419

Option 2 ID : 75189730417

Option 3 ID : 75189730418

Option 4 ID : 75189730420

Status : Answered

Chosen Option : 2

Q.44 An object is placed in front of a concave mirror at a point between its pole P and focus F. The image formed is:

- Ans
- ☒ 1. virtual and inverted
 - ☒ 2. real and erect
 - ☒ 3. real and inverted
 - ☒ 4. virtual and erect

Question ID : 7518976573

Option 1 ID : 75189726289

Option 2 ID : 75189726291

Option 3 ID : 75189726292

Option 4 ID : 75189726290

Status : Answered

Chosen Option : 3

Q.45 In a competitive exam, 3 marks are to be awarded for every correct answer and for every wrong answer, 1 mark will be deducted. Sindhu scored 80 marks in this exam. Had 4 marks been awarded for each correct answer and 2 marks deducted for each incorrect answer, Sindhu would have scored 90 marks. If Sindhu attempted all the questions, then the number of questions in the test are:

- Ans**
- ☒ 1. 50
 - ☒ 2. 70
 - ☒ 3. 55
 - ☒ 4. 60

Question ID : 7518976332

Option 1 ID : 75189725328

Option 2 ID : 75189725325

Option 3 ID : 75189725327

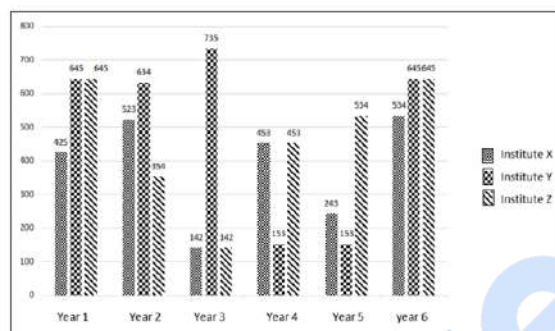
Option 4 ID : 75189725326

Status : Answered

Chosen Option : 4

Q.46 Study the given graph and answer the question that follows.

The graph presents the total number of candidates who qualified for medical entrance examination from three reputed institutions over the six years.



In which year have the maximum number of candidates succeeded in all three institutes taken together?

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

Question ID : 7518978093

Option 1 ID : 75189732371

Option 2 ID : 75189732372

Option 3 ID : 75189732369

Option 4 ID : 75189732370

Status : Answered

Chosen Option : 3

Q.47 Which of the following are the end products of respiration in plants?

- Ans
- ☐ 1. CO_2 and O_2
 - ☐ 2. Glucose and O_2
 - ☐ 3. O_2 and Energy
 - ☒ 4. CO_2 , H_2O and Energy

Question ID : 7518974531

Option 1 ID : 75189718123

Option 2 ID : 75189718124

Option 3 ID : 75189718122

Option 4 ID : 75189718121

Status : Answered

Chosen Option : 2

Q.48 How can we reduce the use of non-biodegradable products?

- Ans
- ☐ 1. By packing milk and water in polybags
 - ☒ 2. By using eco-friendly packaging
 - ☐ 3. Eatables like biscuits etc., can be bought packed in plastic tins and wrappers
 - ☐ 4. Fruits and vegetables can be bought packed in beautiful polystyrene and plastic packaging

Question ID : 7518977871

Option 1 ID : 75189731481

Option 2 ID : 75189731483

Option 3 ID : 75189731484

Option 4 ID : 75189731482

Status : Answered

Chosen Option : 2

Q.49 The sum of the present ages of A and B is 30 years. The ratio of their ages after 5 years will be 3: 2. The present age of A is:

- Ans
- ☐ 1. 11 years
 - ☐ 2. 29 years
 - ☐ 3. 39 years
 - ☒ 4. 19 years

Question ID : 7518978748

Option 1 ID : 75189734992

Option 2 ID : 75189734990

Option 3 ID : 75189734989

Option 4 ID : 75189734991

Status : Answered

Chosen Option : 4

Q.50 The 12th Hockey India Senior Male National Championship - 2022 was organised by:

- Ans
- ☐ 1. Punjab
 - ☐ 2. Orissa
 - ☒ 3. Madhya Pradesh
 - ☐ 4. Haryana

Question ID : 7518976797
Option 1 ID : 75189727187
Option 2 ID : 75189727186
Option 3 ID : 75189727185
Option 4 ID : 75189727188

Status : Answered

Chosen Option : 2

Q.51 What happens when calcium hydroxide solution is left open in air?

- Ans
- ☐ 1. O_2 is liberated.
 - ☒ 2. $CaCO_3$ is formed.
 - ☐ 3. H_2O (gas) is evolved.
 - ☐ 4. CaO is formed.

Question ID : 7518978115
Option 1 ID : 75189732459
Option 2 ID : 75189732457
Option 3 ID : 75189732460
Option 4 ID : 75189732458

Status : Answered

Chosen Option : 4

Q.52 Each vowel in the word 'EXACTLY' is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. If each letter, thus formed, is arranged in alphabetical order, which letter will be third from the right end?

- Ans
- ☐ 1. F
 - ☐ 2. W
 - ☐ 3. K
 - ☒ 4. S

Question ID : 7518974992
Option 1 ID : 75189719965
Option 2 ID : 75189719968
Option 3 ID : 75189719966
Option 4 ID : 75189719967

Status : Answered

Chosen Option : 4

Q.53 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

TEACHER : BFUDSFI :: STUDENT : VUTEUOF :: CLASSES : ?

- Ans
- ☒ 1. BMDTTET
 - ☒ 2. DMBTTFT
 - ☒ 3. BMDTTFT
 - ☒ 4. BMDSTFU

Question ID : 7518975052

Option 1 ID : 75189720205

Option 2 ID : 75189720207

Option 3 ID : 75189720206

Option 4 ID : 75189720208

Status : Answered

Chosen Option : 3

Q.54 Five people A, B, C, D and E are sitting around a circular table. One of them is facing outside (opposite to the centre) and the other four are facing the centre. C is facing the centre and is sitting at second place to the left of D. B is sitting at second place to the right of D. A is sitting to the immediate left of both C and D. E is sitting to the immediate right of B. Who among them is facing outside?

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

Question ID : 7518977883

Option 1 ID : 75189731532

Option 2 ID : 75189731530

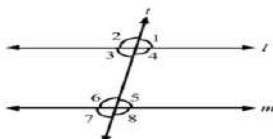
Option 3 ID : 75189731531

Option 4 ID : 75189731529

Status : Answered

Chosen Option : 1

Q.55 In the given figure, $l \parallel m$ and t is a transversal. If $\angle 1$ and $\angle 2$ are in the ratio 4 : 11, the measures of the angles $\angle 7$ and $\angle 8$, respectively, are:



- Ans
- ☒ 1. 110° and 70°
 - ☒ 2. 87° and 93°
 - ☒ 3. 132° and 48°
 - ☒ 4. 65° and 115°

Question ID : 7518979333

Option 1 ID : 75189737331

Option 2 ID : 75189737332

Option 3 ID : 75189737330

Option 4 ID : 75189737329

Status : Answered

Chosen Option : 3

Q.56 The Industrial (Development and Regulation) Act was first enacted in which year in India?

- Ans
- ☒ 1. 1950
 - ☒ 2. 1948
 - ☒ 3. 1949
 - ☒ 4. 1951

Question ID : 7518979418

Option 1 ID : 75189737670

Option 2 ID : 75189737672

Option 3 ID : 75189737671

Option 4 ID : 75189737669

Status : Not Answered

Chosen Option : --

Q.57 Which of the following plants produce unisexual flowers?

- Ans
- ☒ 1. Mustard and Hibiscus
 - ☒ 2. Watermelon and Papaya
 - ☒ 3. Hibiscus and Papaya
 - ☒ 4. Watermelon and Mustard

Question ID : 7518974656

Option 1 ID : 75189718621

Option 2 ID : 75189718622

Option 3 ID : 75189718623

Option 4 ID : 75189718624

Status : Not Answered

Chosen Option : --

Q.58 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also '*' and '/' are interchanged?

$$13 \div 7 + 132 \times 11 + 23 - 512 \times 2 + 122 = ?$$

- Ans
- ☒ 1. 190
 - ☒ 2. 200
 - ☒ 3. 165
 - ☒ 4. 195

Question ID : 7518978336

Option 1 ID : 75189733344

Option 2 ID : 75189733341

Option 3 ID : 75189733342

Option 4 ID : 75189733343

Status : Answered

Chosen Option : 1

Q.59 The following table shows the investment (in Rs.) of three friends over the years. Study the table carefully and answer the question that follows.

Years	A	B	C
2017	55000	48000	36000
2018	25000	85000	46000
2019	64000	56000	75000
2020	79000	42000	84000
2021	38000	62000	54000

The sum of average investment of both A and average investment of B for the given years is what percentage of the sum of average investment of B and average investment of C for the given years?

- Ans
- ☒ 1. 87.25%
 - ☒ 2. 85.35%
 - ☒ 3. 94.22 %
 - ☒ 4. 91.36%

Question ID : **7518979065**
 Option 1 ID : **75189736258**
 Option 2 ID : **75189736257**
 Option 3 ID : **75189736260**
 Option 4 ID : **75189736259**

Status : **Answered**

Chosen Option : **3**

Q.60 Meeta starts walking from her office and goes 60 m towards the east. She then takes a right turn and walks 40 m. She then turns left and walks 36 m. She then takes a final left turn and walks 40 m to reach a park. In which direction is the park with reference to Meeta's office? (All turns are 90 degree turns only)

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

Question ID : **7518975257**
 Option 1 ID : **75189721027**
 Option 2 ID : **75189721028**
 Option 3 ID : **75189721025**
 Option 4 ID : **75189721026**

Status : **Answered**

Chosen Option : **3**

Q.61 If a certain sum becomes two times itself in 6 years at compound interest in case of annual compounding, then the number of years in which it will become eight times of itself at the same rate of interest under annual compounding is:

- Ans
- ☒ 1. 18 years
 - ☒ 2. 36 years
 - ☒ 3. 24 years
 - ☒ 4. 12 years

Question ID : **7518979243**
 Option 1 ID : **75189736971**
 Option 2 ID : **75189736972**
 Option 3 ID : **75189736970**
 Option 4 ID : **75189736969**

Status : **Answered**

Chosen Option : **1**

Q.62 Refer to the following number series and answer the question that follows.

(Left) 1 4 6 7 4 3 2 5 6 7 3 4 6 5 1 3 4 5 2 4 5 1 5 7 (Right)

If every second number from the left in the above series is dropped, which number would appear at the eighth place from the left?

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

Question ID : 7518977979

Option 1 ID : 75189731915

Option 2 ID : 75189731916

Option 3 ID : 75189731913

Option 4 ID : 75189731914

Status : Answered

Chosen Option : 3

Q.63 An object is placed in front of a concave mirror of focal length 12 cm, at a distance of 6 cm. Its image is formed at a distance of _____ and is _____.

- Ans**
- ☒ 1. 12 cm, real
 - ☒ 2. 4 cm, real
 - ☒ 3. 4 cm, virtual
 - ☒ 4. 12 cm, virtual

Question ID : 7518976605

Option 1 ID : 75189726420

Option 2 ID : 75189726418

Option 3 ID : 75189726417

Option 4 ID : 75189726419

Status : Answered

Chosen Option : 3

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

HYTGBDRSV%^CDNSSR^@@FSV#D%&H

How many such letters are there that are immediately preceded by a symbol and also immediately followed by a symbol?

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

Question ID : 7518977984

Option 1 ID : 75189731934

Option 2 ID : 75189731933

Option 3 ID : 75189731936

Option 4 ID : 75189731935

Status : Answered

Chosen Option : 1

Q.65 Whenever moving from left to right in a period, metallic character _____.

- Ans
- ☐ 1. remains constant
 - ☒ 2. decreases
 - ☐ 3. increases
 - ☐ 4. first increases, then decreases

Question ID : 7518973529

Option 1 ID : 75189714115

Option 2 ID : 75189714114

Option 3 ID : 75189714113

Option 4 ID : 75189714116

Status : Answered

Chosen Option : 2

Q.66 Solutions for the equation $11a^2 + 18a + 7 = 0$ are:

- Ans
- ☐ 1. -1, 2
 - ☐ 2. -1, -3
 - ☐ 3. -2, $-\frac{7}{11}$
 - ☒ 4. -1, $-\frac{7}{11}$

Question ID : 7518979305

Option 1 ID : 75189737217

Option 2 ID : 75189737220

Option 3 ID : 75189737218

Option 4 ID : 75189737219

Status : Answered

Chosen Option : 4

Q.67 Where is the Manikaran Geothermal Energy Plant located in India?

- Ans
- ☐ 1. Punjab
 - ☐ 2. Jammu and Kashmir
 - ☐ 3. West Bengal
 - ☒ 4. Himachal Pradesh

Question ID : 7518979428

Option 1 ID : 75189737712

Option 2 ID : 75189737710

Option 3 ID : 75189737709

Option 4 ID : 75189737711

Status : Answered

Chosen Option : 4

Q.68 A ray of light in air is incident at an angle of 60° on the surface separating air from a medium of refractive index $\sqrt{3}$. The ray is refracted in the medium at an angle of _____.

- Ans**
- ☒ 1. 45°
 - ☒ 2. 60°
 - ☒ 3. 30°
 - ☒ 4. 15°

Question ID : 7518976617
Option 1 ID : 75189726466
Option 2 ID : 75189726465
Option 3 ID : 75189726467
Option 4 ID : 75189726468
Status : Answered
Chosen Option : 3

Q.69 Name the process that causes living cells to expand in size and shape when placed in a hypotonic solution.

- Ans**
- ☒ 1. Transpiration
 - ☒ 2. Diffusion
 - ☒ 3. Photosynthesis
 - ☒ 4. Osmosis

Question ID : 7518974348
Option 1 ID : 75189717390
Option 2 ID : 75189717392
Option 3 ID : 75189717389
Option 4 ID : 75189717391
Status : Answered
Chosen Option : 2

Q.70 A current of 0.4 A is maintained in a resistor of $2\ \Omega$. The heat produced in the resistor in 1 second is:

- Ans**
- ☒ 1. 0.32 J
 - ☒ 2. 0.80 J
 - ☒ 3. 1.6 J
 - ☒ 4. 0.16 J

Question ID : 7518976705
Option 1 ID : 75189726818
Option 2 ID : 75189726819
Option 3 ID : 75189726820
Option 4 ID : 75189726817
Status : Answered
Chosen Option : 1

Q.71 Who among the following received the prestigious Padma Shri award in 2022 in the field of science and engineering

- Ans
- ☒ 1. Sirpi Balasubramaniam
 - ☒ 2. Subbanna Ayyappan
 - ☒ 3. Jagjit Singh Dardi
 - ☒ 4. Malji Bhai Desai

Question ID : 7518977441
Option 1 ID : 75189729761
Option 2 ID : 75189729764
Option 3 ID : 75189729763
Option 4 ID : 75189729762
Status : Not Answered
Chosen Option : --

Q.72 Which of the following states of India does NOT have a Panchayati Raj system?

- Ans
- ☒ 1. Nagaland
 - ☒ 2. Andhra Pradesh
 - ☒ 3. Rajasthan
 - ☒ 4. Uttar Pradesh

Question ID : 7518979454
Option 1 ID : 75189737816
Option 2 ID : 75189737814
Option 3 ID : 75189737813
Option 4 ID : 75189737815
Status : Not Answered
Chosen Option : --

Q.73 The Cash Reserve Ratio (CRR) in India is fixed by _____.

- (A) RBI
- (B) SEBI
- (C) Ministry of Finance

- Ans
- ☒ 1. Only A
 - ☒ 2. Only C
 - ☒ 3. Both A and C
 - ☒ 4. Only B

Question ID : 7518976832
Option 1 ID : 75189727325
Option 2 ID : 75189727327
Option 3 ID : 75189727328
Option 4 ID : 75189727326
Status : Answered
Chosen Option : 1

Q.74 In May 2021, the Chief Minister of _____ announced the Mukhyamantri Sishu Sewa Aahoni scheme, which will provide relief to children who have lost their parents due to Covid-19.

- Ans**
- ✓ 1. Assam
 - ✗ 2. Bihar
 - ✗ 3. Odisha
 - ✗ 4. Gujarat

Question ID : 7518978834

Option 1 ID : 75189735336

Option 2 ID : 75189735333

Option 3 ID : 75189735334

Option 4 ID : 75189735335

Status : Not Answered

Chosen Option : --

Q.75 'Azadi Ka Amrit Mahotsav', launched on _____, is an initiative by the Government of India to celebrate 75 years of Indian Independence.

- Ans**
- ✓ 1. 12 March 2021
 - ✗ 2. 12 February 2021
 - ✗ 3. 12 January 2021
 - ✗ 4. 12 April 2021

Question ID : 7518978519

Option 1 ID : 75189734075

Option 2 ID : 75189734074

Option 3 ID : 75189734073

Option 4 ID : 75189734076

Status : Not Answered

Chosen Option : --

Q.76 The _____ is the area of the earth where living organisms can be found or where life can be sustained.

- Ans**
- ✗ 1. atmosphere
 - ✗ 2. troposphere
 - ✓ 3. biosphere
 - ✗ 4. stratosphere

Question ID : 7518974483

Option 1 ID : 75189717932

Option 2 ID : 75189717931

Option 3 ID : 75189717929

Option 4 ID : 75189717930

Status : Answered

Chosen Option : 3

Q.77 B Adhiban headed a star-studded field in the 58th Senior National _____ Championship that started on 25 February 2022.

- Ans
- ☐ 1. Badminton
 - ☐ 2. Wrestling
 - ☐ 3. Golf
 - ☒ 4. Chess

Question ID : 7518978823

Option 1 ID : 75189735291

Option 2 ID : 75189735290

Option 3 ID : 75189735289

Option 4 ID : 75189735292

Status : Not Answered

Chosen Option : --

Q.78 ITCZ is a broad trough of low pressure in equatorial latitudes. The full form of ITCZ is:

- Ans
- ☐ 1. Inter Tropical Climate Zone
 - ☐ 2. Inter Terrain Convergence Zone
 - ☒ 3. Inter Tropical Convergence Zone
 - ☐ 4. Inner Tropical Convergence Zone

Question ID : 7518979424

Option 1 ID : 75189737696

Option 2 ID : 75189737694

Option 3 ID : 75189737693

Option 4 ID : 75189737695

Status : Answered

Chosen Option : 3

Q.79 In a quadrilateral ABCD, if the sum of angles $\angle B$ and $\angle D$ be 150° while angles $\angle A$ and $\angle C$ are in ratio 4 : 3, then the measure of $\angle C$ will be:

- Ans
- ☐ 1. 120°
 - ☒ 2. 90°
 - ☐ 3. 150°
 - ☐ 4. 210°

Question ID : 7518979341

Option 1 ID : 75189737364

Option 2 ID : 75189737363

Option 3 ID : 75189737362

Option 4 ID : 75189737361

Status : Answered

Chosen Option : 2

Q.80 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

K _ G _ D _ L G P _ K L _ P D K _ G _ D

- Ans
- ☒ 1. LPKLGDP
 - ☒ 2. LLPPKDG
 - ☒ 3. LPKDGLP
 - ☒ 4. LKPDLGP

Question ID : 7518977340

Option 1 ID : 75189729357

Option 2 ID : 75189729359

Option 3 ID : 75189729360

Option 4 ID : 75189729358

Status : Answered

Chosen Option : 3

Q.81 A team from the Physical Research Laboratory (PRL) in Ahmedabad identified an exoplanet in 2021 that is _____ times the size of Jupiter.

- Ans
- ☒ 1. 1.4
 - ☒ 2. 2
 - ☒ 3. 0.70
 - ☒ 4. 3

Question ID : 7518977155

Option 1 ID : 75189728618

Option 2 ID : 75189728620

Option 3 ID : 75189728617

Option 4 ID : 75189728619

Status : Not Answered

Chosen Option : --

Q.82 The value of $36^2 \div 9^2 + 4^2$ is:

- Ans
- ☒ 1. 32
 - ☒ 2. 49
 - ☒ 3. 36
 - ☒ 4. 25

Question ID : 7518979206

Option 1 ID : 75189736821

Option 2 ID : 75189736823

Option 3 ID : 75189736822

Option 4 ID : 75189736824

Status : Answered

Chosen Option : 1

Q.83 What will be the value of MPC (Marginal Propensity to Consume) if the consumer's consumption patterns change due to a change in income?

- Ans**
- ☒ 1. MPC = More than 1
 - ☒ 2. MPC = 0
 - ☒ 3. MPC = 1
 - ☒ 4. MPC = (ranging between 0 and 1)

Question ID : 7518977224

Option 1 ID : 75189728894

Option 2 ID : 75189728896

Option 3 ID : 75189728893

Option 4 ID : 75189728895

Status : Not Answered

Chosen Option : --

Q.84 A shopkeeper allows 4% discount on his marked price. If the cost price of an article is ₹ 120 and he has to make a profit of 10%, then his marked price must be:

- Ans**
- ☒ 1. ₹117.50
 - ☒ 2. ₹120.50
 - ☒ 3. ₹137.50
 - ☒ 4. ₹127.50

Question ID : 7518979252

Option 1 ID : 75189737008

Option 2 ID : 75189737007

Option 3 ID : 75189737006

Option 4 ID : 75189737005

Status : Answered

Chosen Option : 3

Q.85 If $9x = 55^2 - 35^2$, then the value of x is:

- Ans**
- ☒ 1. 400
 - ☒ 2. 200
 - ☒ 3. 300
 - ☒ 4. 500

Question ID : 7518978730

Option 1 ID : 75189734918

Option 2 ID : 75189734920

Option 3 ID : 75189734919

Option 4 ID : 75189734917

Status : Answered

Chosen Option : 2

Q.86 Which of the following is NOT included under the right to freedom in the Constitution of India?

- Ans
- ☐ 1. To assemble peaceably and without arms
 - ☐ 2. To move freely throughout the territory of India
 - ☐ 3. The freedom of speech and expression
 - ☒ 4. To promote one's religion throughout the territory of India

Question ID : 7518979442

Option 1 ID : 75189737766

Option 2 ID : 75189737768

Option 3 ID : 75189737765

Option 4 ID : 75189737767

Status : Answered

Chosen Option : 1

Q.87 In July 2022, the Ministry of Health and Family Welfare, Government of India has notified new sets of specified health warnings for all tobacco product packs by making an amendment in the Cigarettes and other Tobacco Products (Packaging and Labelling) Rules, 2008. From which date will these new health warnings be applicable?

- Ans
- ☐ 1. 1 April 2023
 - ☐ 2. 1 October 2022
 - ☒ 3. 1 December 2022
 - ☐ 4. 1 January 2023

Question ID : 7518976774

Option 1 ID : 75189727096

Option 2 ID : 75189727093

Option 3 ID : 75189727094

Option 4 ID : 75189727095

Status : Not Answered

Chosen Option : --

Q.88 Four number triads have been given, out of which three are alike in some manner as they follow the same pattern and one is different. Select the number triad that is different from the rest.

(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 is not allowed)

- Ans
- ☐ 1. (34, 22, 12)
 - ☒ 2. (99, 79, 60)
 - ☐ 3. (47, 33, 21)
 - ☐ 4. (79, 61, 45)

Question ID : 7518979044

Option 1 ID : 75189736173

Option 2 ID : 75189736176

Option 3 ID : 75189736174

Option 4 ID : 75189736175

Status : Answered

Chosen Option : 2

Q.89 Which Indian state has 'KOKBOROK' as one of its official languages?

- Ans
- ☐ 1. Himachal Pradesh
 - ☐ 2. Goa
 - ☒ 3. Tripura
 - ☐ 4. West Bengal

Question ID : 7518979387
Option 1 ID : 75189737548
Option 2 ID : 75189737545
Option 3 ID : 75189737546
Option 4 ID : 75189737547
Status : Not Answered
Chosen Option : --

Q.90 A man goes to his office from his house at the speed of 5 km/h and returns to his house using the same route at the speed of 20 km/h. The average speed during the journey is:

- Ans
- ☐ 1. 10 km/h
 - ☒ 2. 8 km/h
 - ☐ 3. 12 km/h
 - ☐ 4. 6 km/h

Question ID : 7518978696
Option 1 ID : 75189734783
Option 2 ID : 75189734784
Option 3 ID : 75189734782
Option 4 ID : 75189734781
Status : Answered
Chosen Option : 2

Q.91 Consider the below statements and identify the correct answer.

Statement-I: Bleaching powder is used to make drinking water free from germs.

Statement-II: Bleaching powder is used as an oxidising agent in many chemical industries.

- Ans
- ☐ 1. Both the statements are false.
 - ☐ 2. Statement-II is true, and Statement-I is false.
 - ☐ 3. Statement-I is true, and Statement-II is false.
 - ☒ 4. Both the statements are true.

Question ID : 7518973652
Option 1 ID : 75189714606
Option 2 ID : 75189714608
Option 3 ID : 75189714607
Option 4 ID : 75189714605
Status : Answered
Chosen Option : 4

Q.92 Given below is a decision followed by two statements I and II. Read the information carefully and select the correct option.

Decision:

Many private schools in country F have decided to discontinue assessments for students until grade 7. All students will be promoted to the next grade irrespective of how they have performed.

Statements:

I. A survey in country F showed that students who were assessed regularly had much better grasp on concepts than those who did not have assessments on a regular basis.

II. As per the current curriculum of grades 4 to 7 in country F, 70-80% of all subject matter consists of basics which are very important for higher education.

Ans ☒ 1.

Statement I weakens the decision but statement II is neutral.

☒ 2. Both statements I and II strengthen the decision.

☒ 3.

Statement I is neutral but statement II strengthens the decision.

☒ 4. Both statements I and II weaken the decision.

Question ID : 7518979075

Option 1 ID : 75189736298

Option 2 ID : 75189736297

Option 3 ID : 75189736300

Option 4 ID : 75189736299

Status : Answered

Chosen Option : 4

Q.93 The magnetic field produced by a solenoid increases by:

Ans ☒ 1. changing direction of solenoid

☒ 2. placing soft iron core inside it

☒ 3. decreasing number of turns

☒ 4. changing direction of current

Question ID : 7518978152

Option 1 ID : 75189732605

Option 2 ID : 75189732607

Option 3 ID : 75189732608

Option 4 ID : 75189732606

Status : Answered

Chosen Option : 2

Q.94 Consider the below statements and identify the correct answer.

Statement-I: The chemical formula of bleaching powder is CaOCl_2 .

Statement-II: It is used to make drinking water free from germs.

- Ans ☒ 1. Both the statements are true.
- ☒ 2. Statement-I is true, and Statement-II is false.
- ☒ 3. Statement-II is true, and Statement-I is false.
- ☒ 4. Both the statements are false.

Question ID : 7518973650
Option 1 ID : 75189714597
Option 2 ID : 75189714599
Option 3 ID : 75189714600
Option 4 ID : 75189714598
Status : Answered
Chosen Option : 1

Q.95 In series combination, the current passing through each resistor is:

- Ans ☒ 1. Equal in all resistors
- ☒ 2. Proportional to their thickness
- ☒ 3. Proportional to their resistance
- ☒ 4. Increases gradually

Question ID : 7518978135
Option 1 ID : 75189732539
Option 2 ID : 75189732538
Option 3 ID : 75189732537
Option 4 ID : 75189732540
Status : Answered
Chosen Option : 1

Q.96 The area of a square having side 15 cm is:

- Ans ☒ 1. 225 cm^2
- ☒ 2. 325 cm^2
- ☒ 3. 425 cm^2
- ☒ 4. 525 cm^2

Question ID : 7518978780
Option 1 ID : 75189735120
Option 2 ID : 75189735119
Option 3 ID : 75189735118
Option 4 ID : 75189735117
Status : Answered
Chosen Option : 1

Q.97 In which of the following classes does temperature determine the sex in some species?

- Ans
- ☐ 1. Mammals
 - ☐ 2. Amphibians
 - ☐ 3. Aves
 - ☒ 4. Reptiles

Question ID : 7518977847
Option 1 ID : 75189731388
Option 2 ID : 75189731386
Option 3 ID : 75189731385
Option 4 ID : 75189731387
Status : Answered
Chosen Option : 3

Q.98 Which of the following numbers will replace the question mark (?) in the given series?

5, 11, 24, 51, ?

- Ans
- ☐ 1. 108
 - ☐ 2. 104
 - ☐ 3. 102
 - ☒ 4. 106

Question ID : 7518977724
Option 1 ID : 75189730896
Option 2 ID : 75189730894
Option 3 ID : 75189730893
Option 4 ID : 75189730895
Status : Answered
Chosen Option : 4

Q.99 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All keys are mouse.
2. Some mouse are processor.
3. Some processors are drive.

Conclusions:

- I. Some processors are mouse.
- II. Some processors are keys.
- III. Some drives are mouse.

- Ans
- ☐ 1. Both conclusions II and III follow
 - ☐ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☐ 4. All the conclusions follow

Question ID : 7518977915
Option 1 ID : 75189731659
Option 2 ID : 75189731658
Option 3 ID : 75189731657
Option 4 ID : 75189731660
Status : Answered
Chosen Option : 3

Q.100

The third proportional of 3.6 and 1.2 is:

Ans

✓ 1. 0.40

✗ 2. 0.60

✗ 3. 0.80

✗ 4. 0.90

Question ID : 7518979234

Option 1 ID : 75189736933

Option 2 ID : 75189736934

Option 3 ID : 75189736935

Option 4 ID : 75189736936

Status : Answered

Chosen Option : 1