



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 Bhagalpur
Test Date	02/09/2022
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 74th Constitutional Amendment Act provides for _____ for a transitional area between a rural and urban area.

Ans

- ☒ 1. Nagar Panchayat
- ☐ 2. Municipal Council
- ☐ 3. Gram Panchayat
- ☐ 4. Municipal Corporation

Question ID : 7518978943
Option 1 ID : 75189735769
Option 2 ID : 75189735771
Option 3 ID : 75189735772
Option 4 ID : 75189735770
Status : Answered
Chosen Option : 2

Q.2 An object is placed at a distance of 40 cm from a convex lens having focal length 20 cm. Which option given below, correctly describes the nature and the relative size of the image formed in the respective order?

Ans

- ☐ 1. Virtual, erect and diminished
- ☐ 2. Real, inverted and diminished
- ☐ 3. Virtual, erect and enlarged
- ☒ 4. Real, inverted and same sized

Question ID : 7518975408
Option 1 ID : 75189721632
Option 2 ID : 75189721630
Option 3 ID : 75189721631
Option 4 ID : 75189721629
Status : Answered
Chosen Option : 3

Q.3

- Ans ☒ 1. 12
☐ 2. 13
☐ 3. 10
☐ 4. 11

Question ID : 7518977906
Option 1 ID : 75189731621
Option 2 ID : 75189731624
Option 3 ID : 75189731622
Option 4 ID : 75189731623
Status : Answered
Chosen Option : 3

Q.4 When baking soda is heated it converts into _____, water, and carbon dioxide.

- Ans ☐ 1. sodium hydroxide
☐ 2. sodium acetate
☐ 3. sodium chloride
☒ 4. sodium carbonate

Question ID : 7518973479
Option 1 ID : 75189713915
Option 2 ID : 75189713914
Option 3 ID : 75189713913
Option 4 ID : 75189713916
Status : Answered
Chosen Option : 4

Q.5 An element X combines with chlorine to form a compound XCl. The element X is placed on the left side of the periodic table. Which of the following statements are correct for element X?

- (i) Has one valence electron.
(ii) Is a metal and is solid.
(iii) Is a non-metal and is a gas.
(iv) Has five valence electrons.

- Ans ☐ 1. Only (iii)
☐ 2. Only (i) and (iii)
☒ 3. Only (I), (ii) and (iii)
☐ 4. Only (iv)

Question ID : 7518973733
Option 1 ID : 75189714929
Option 2 ID : 75189714931
Option 3 ID : 75189714932
Option 4 ID : 75189714930
Status : Not Answered
Chosen Option : --

Q.6 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:

Some woods are charcoals

Some petrol is diesel

All diesel are fossils

Conclusions:

(I) Some petrol are charcoals

(II) Some fossils are petrol

(III) Some woods are diesel

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

Question ID : 7518977606

Option 1 ID : 75189730424

Option 2 ID : 75189730422

Option 3 ID : 75189730423

Option 4 ID : 75189730421

Status : Answered

Chosen Option : 2

Q.7 If $\frac{(15x-9)}{x} + \frac{(15y-9)}{y} + \frac{(15z-9)}{z} = 0$, then the value of $\frac{1}{x} + \frac{1}{y} + \frac{1}{z}$ is:

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

Question ID : 7518978631

Option 1 ID : 75189734522

Option 2 ID : 75189734523

Option 3 ID : 75189734524

Option 4 ID : 75189734521

Status : Not Answered

Chosen Option : --

Q.8 The part of the northern plains of India comprising older alluvium is known as:

- Ans**
- ☒ 1. Bhangar
 - ☒ 2. Terai
 - ☒ 3. Khadar
 - ☒ 4. Bhabar

Question ID : 7518974273

Option 1 ID : 75189717091

Option 2 ID : 75189717092

Option 3 ID : 75189717090

Option 4 ID : 75189717089

Status : Answered

Chosen Option : 1

Q.9

Ans

- ✓ 1. Stethoscope
✗ 2. Thermometer
✗ 3. Spirometer
✗ 4. Sphygmomanometer

Question ID : 7518974396

Option 1 ID : 75189717581

Option 2 ID : 75189717584

Option 3 ID : 75189717583

Option 4 ID : 75189717582

Status : Answered

Chosen Option : 1

Q.10

The value of $\sqrt{74529}$ is:

Ans

- ✗ 1. 239
✗ 2. 243
✓ 3. 273
✗ 4. 259

Question ID : 7518976225

Option 1 ID : 75189724899

Option 2 ID : 75189724897

Option 3 ID : 75189724900

Option 4 ID : 75189724898

Status : Answered

Chosen Option : 3

Q.11

Red and Yellow soils can easily be found in parts of _____ and _____.

Ans

- ✓ 1. Odisha and Chhattisgarh
✗ 2. Rajasthan and Gujarat
✗ 3. Manipur and Sikkim
✗ 4. Jammu and Kashmir and Ladakh

Question ID : 7518978897

Option 1 ID : 75189735586

Option 2 ID : 75189735585

Option 3 ID : 75189735587

Option 4 ID : 75189735588

Status : Answered

Chosen Option : 4

Q.12

- Ans
- ☒ 1. Coke
 - ☒ 2. Coal tar
 - ☒ 3. Bitumen
 - ☒ 4. Petroleum

Question ID : 7518977877
Option 1 ID : 75189731506
Option 2 ID : 75189731508
Option 3 ID : 75189731507
Option 4 ID : 75189731505
Status : Answered
Chosen Option : 4

Q.13 The Resistance of a conductor is:

- Ans
- ☒ 1. The ratio of I and V
 - ☒ 2. The product of I and V
 - ☒ 3. The Difference of V and I
 - ☒ 4. The ratio of V and I

Question ID : 7518978127
Option 1 ID : 75189732505
Option 2 ID : 75189732506
Option 3 ID : 75189732508
Option 4 ID : 75189732507
Status : Answered
Chosen Option : 4

Q.14 The HCF of the numbers 64, 86, 108 and 260 is:

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

Question ID : 7518978646
Option 1 ID : 75189734582
Option 2 ID : 75189734581
Option 3 ID : 75189734584
Option 4 ID : 75189734583
Status : Answered
Chosen Option : 2

Q.15

- Ans
- ☒ 1. 15
 - ☒ 2. 11
 - ☒ 3. 13
 - ☒ 4. 10

Question ID : 7518976144
Option 1 ID : 75189724576
Option 2 ID : 75189724574
Option 3 ID : 75189724575
Option 4 ID : 75189724573
Status : Answered
Chosen Option : 3

Q.16 The Women's Day week to raise awareness on 'Safety and Security of Women' was celebrated from _____ in 2022.

- Ans
- ☒ 1. 4th to 11th March
 - ☒ 2. 7th to 14th March
 - ☒ 3. 1st to 8th March
 - ☒ 4. 10th to 17th March

Question ID : 7518977458
Option 1 ID : 75189729830
Option 2 ID : 75189729831
Option 3 ID : 75189729829
Option 4 ID : 75189729832
Status : Not Answered
Chosen Option : --

Q.17 In which of the following situations will there be no potential difference induced in the coil?

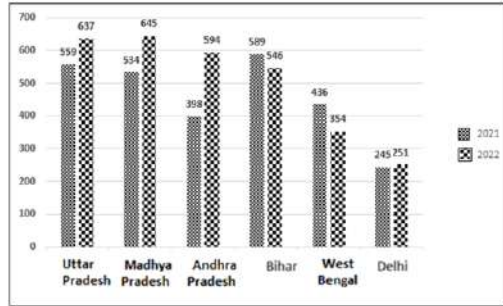
- (a) A bar magnet moving towards a stationary coil
- (b) A coil moving towards a stationary bar magnet
- (c) A coil and a bar magnet moving in the same direction with the same speed
- (d) A coil and a bar magnet moving towards each other with the same speed

- Ans
- ☒ 1. (a)
 - ☒ 2. (c)
 - ☒ 3. (d)
 - ☒ 4. (b)

Question ID : 7518976751
Option 1 ID : 75189727001
Option 2 ID : 75189727003
Option 3 ID : 75189727004
Option 4 ID : 75189727002
Status : Not Answered
Chosen Option : --

Q.18 Study the given graph and answer the question that follows.

The graph presents the total production of crops (in metric tonnes) in six different states/UTs of the country in the years 2021 and 2022.



In which pair of states/UTs is the ratio of total crop production for both the years 1 : 2?

- Ans**
- ☒ 1. Delhi and Uttar Pradesh
 - ☒ 2. West Bengal and Madhya Pradesh
 - ☒ 3. Delhi and Andhra Pradesh
 - ☒ 4. West Bengal and Andhra Pradesh

Question ID : 7518978094

Option 1 ID : 75189732375

Option 2 ID : 75189732373

Option 3 ID : 75189732374

Option 4 ID : 75189732376

Status : Answered

Chosen Option : 3

Q.19 A boat takes 21 minutes to go 12.6 km upstream. The ratio of the speed of the boat in still water to that of the stream is 7 : 2. How much total time (in hours) will the boat take to go 43.2 km upstream and 38.88 km downstream?

- Ans**
- ☒ 1. 2.4
 - ☒ 2. 2
 - ☒ 3. 1.6
 - ☒ 4. 1.8

Question ID : 7518978396

Option 1 ID : 75189733584

Option 2 ID : 75189733583

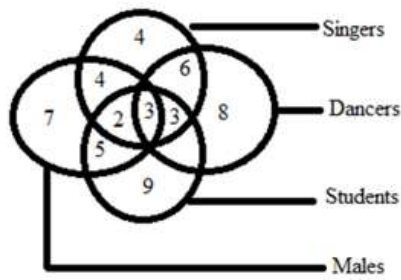
Option 3 ID : 75189733581

Option 4 ID : 75189733582

Status : Not Answered

Chosen Option : --

Q.20 Study the Venn Diagram given below and answer the question that follows.



How many male students are neither singers nor dancers?

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

Question ID : 7518977916
Option 1 ID : 75189731663
Option 2 ID : 75189731662
Option 3 ID : 75189731661
Option 4 ID : 75189731664
Status : Answered
Chosen Option : 2

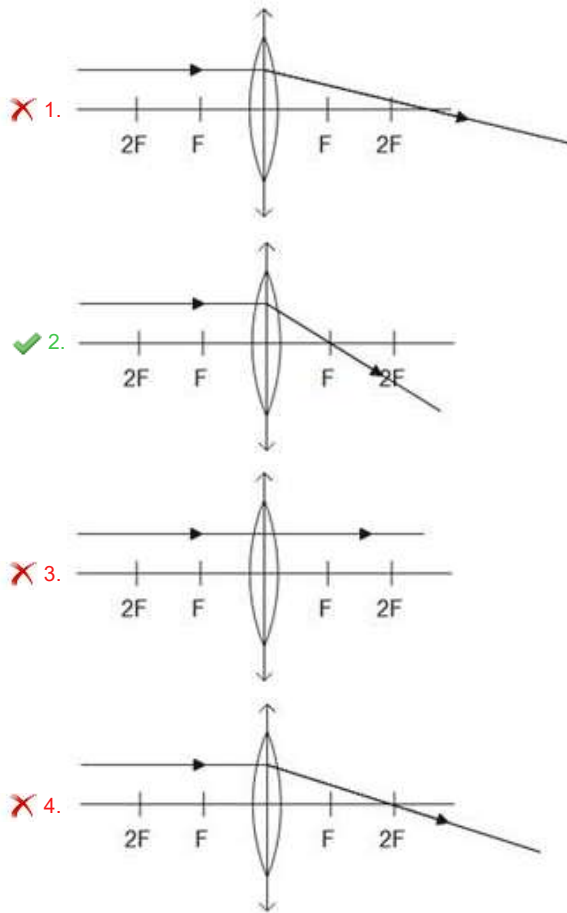
Q.21 Which one of the following districts in Western India recorded a temperature of 1.1 degrees Celcius on December 18, 2021?

- Ans
- ☒ 1. Morbi
 - ☒ 2. Banswara
 - ☒ 3. Churu
 - ☒ 4. Patan

Question ID : 7518974071
Option 1 ID : 75189716283
Option 2 ID : 75189716282
Option 3 ID : 75189716281
Option 4 ID : 75189716284
Status : Answered
Chosen Option : 3

Q.22

Ans



Question ID : 7518975409

Option 1 ID : 75189721634

Option 2 ID : 75189721636

Option 3 ID : 75189721633

Option 4 ID : 75189721635

Status : Answered

Chosen Option : 3

Q.23 How many such pairs of letters are there in the word LOVABLE (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

Ans

✗ 1. 5

✗ 2. 6

✗ 3. 3

✓ 4. 1

Question ID : 7518977961

Option 1 ID : 75189731843

Option 2 ID : 75189731844

Option 3 ID : 75189731842

Option 4 ID : 75189731841

Status : Answered

Chosen Option : 4

Q.24 Refer to the following letter and symbol series and answer the question.

(Left) E # R & H & @ J & M N # B & V & & D # P @ W % & Q & A % & # E & (Right)

If all the symbols are dropped from the series, which of the following will be third from the left?

- Ans
- ☒ 1. J
 - ☒ 2. M
 - ☒ 3. Q
 - ☒ 4. H

Question ID : 7518975233
Option 1 ID : 75189720930
Option 2 ID : 75189720931
Option 3 ID : 75189720932
Option 4 ID : 75189720929

Status : Answered

Chosen Option : 4

Q.25 Let $0^\circ < \theta < 90^\circ$. $\sqrt{\frac{\sec^2 \theta + \operatorname{cosec}^2 \theta}{\tan^2 \theta - \sin^2 \theta}} \times \frac{(1 + \tan^2 \theta) \sin^2 \theta}{(\operatorname{cosec} \theta - \cot \theta)(1 + \cos \theta)}$ is equal to:

- Ans
- ☒ 1. $\sin^2 \theta \cos^2 \theta$
 - ☒ 2. $\sec^2 \theta$
 - ☒ 3. $\operatorname{cosec}^2 \theta \sec^2 \theta$
 - ☒ 4. $\cot^2 \theta$

Question ID : 7518978485
Option 1 ID : 75189733938
Option 2 ID : 75189733940
Option 3 ID : 75189733937
Option 4 ID : 75189733939

Status : Not Answered

Chosen Option : --

Q.26 A solid metallic cuboid of sides 4 cm × 10 cm × 15 cm is melted and made into small identical dices of 2 cm × 2 cm × 2cm. How many such dices can be made?

- Ans
- ☒ 1. 75
 - ☒ 2. 43
 - ☒ 3. 40
 - ☒ 4. 36

Question ID : 7518976191
Option 1 ID : 75189724762
Option 2 ID : 75189724761
Option 3 ID : 75189724764
Option 4 ID : 75189724763

Status : Answered

Chosen Option : 1

Q.27

- Ans  1. 10 km
 2. 11 km
 3. 21 km
 4. 14 km

Question ID : 7518979020
Option 1 ID : 75189736077
Option 2 ID : 75189736078
Option 3 ID : 75189736080
Option 4 ID : 75189736079
Status : Answered
Chosen Option : 2

Q.28 A certain number of people are sitting in a row, facing north. B sits fourth to the right of E. C sits third to the right of B. A sits sixth to the left of E. There are only two persons between C and D. If no other person is sitting in the row, what is the total number of persons seated?

- Ans  1. 20
 2. 12
 3. 9
 4. 17

Question ID : 7518978199
Option 1 ID : 75189732796
Option 2 ID : 75189732793
Option 3 ID : 75189732794
Option 4 ID : 75189732795
Status : Answered
Chosen Option : 4

Q.29 How many prime numbers are there between 20 and 80?

- Ans  1. 15
 2. 14
 3. 13
 4. 16

Question ID : 7518975816
Option 1 ID : 75189723263
Option 2 ID : 75189723262
Option 3 ID : 75189723261
Option 4 ID : 75189723264
Status : Answered
Chosen Option : 2

Q.30

- Ans
- ☐ 1. Paper
 - ☐ 2. Excreta
 - ☐ 3. Leather
 - ☒ 4. Plastic

Question ID : 7518977865

Option 1 ID : 75189731458

Option 2 ID : 75189731457

Option 3 ID : 75189731460

Option 4 ID : 75189731459

Status : Answered

Chosen Option : 4

Q.31 In a quadrilateral ABCD, $\angle A = 86^\circ$ and $\angle B = 72^\circ$. The bisectors of $\angle C$ and $\angle D$ meet at O. What is the measure of $\angle DOC$?

- Ans
- ☐ 1. 69°
 - ☒ 2. 79°
 - ☐ 3. 91°
 - ☐ 4. 101°

Question ID : 7518978477

Option 1 ID : 75189733905

Option 2 ID : 75189733906

Option 3 ID : 75189733907

Option 4 ID : 75189733908

Status : Answered

Chosen Option : 2

Q.32 Six friends, A, B, C, D, E and F, are sitting in a circle facing the centre of the circle. A is 2nd to the right of E. Only one person sits between F and D. B and D are immediate neighbours. F is 3rd to the right of B. C is second to the right of D. Who sits between D and F?

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

Question ID : 7518978948

Option 1 ID : 75189735792

Option 2 ID : 75189735790

Option 3 ID : 75189735791

Option 4 ID : 75189735789

Status : Answered

Chosen Option : 2

Q.33

Ans  1.

It conducts consolidated supervision of the financial sector in India.

-  2. It provides fund to the private sector industries.
-  3. It maintains the profit generated by the banking sector.
-  4. It lends money to all people.

Question ID : 7518978889
Option 1 ID : 75189735554
Option 2 ID : 75189735555
Option 3 ID : 75189735556
Option 4 ID : 75189735553

Status : Answered

Chosen Option : 1

Q.34 Which of the following is an indigenously developed automatic train protection system tested in India in March 2022?

Ans  1. KAVACH

-  2. BACHAAV
-  3. RAKSHAA
-  4. SANRAKSHAN

Question ID : 7518978502
Option 1 ID : 75189734007
Option 2 ID : 75189734008
Option 3 ID : 75189734006
Option 4 ID : 75189734005

Status : Answered

Chosen Option : 1

Q.35

Match the following:

Compound	Name
i. C_6H_6	a. Ethane
ii. $H_2C=CH_2$	b. Benzene
iii. CH_3-CHO	c. Acetaldehyde
iv. CH_3COCH_3	d. Ethylene
v. CH_3CH_3	e. Acetone

Ans

✓ 1. i-b, ii-d, iii-c, iv-e, v-a

✗ 2. i-d, ii-c, iii-e, iv-b v-a

✗ 3. i-d, ii-c, iii-a, iv-b. v-e

✗ 4. i-a, ii-b, iii-c, iv-e v-d

Question ID : 7518973554

Option 1 ID : 75189714215

Option 2 ID : 75189714216

Option 3 ID : 75189714213

Option 4 ID : 75189714214

Status : Answered

Chosen Option : 4

Q.36 Select the number from among the given options that can replace the question mark (?) in the following series.

188, 187, 183, 174, 158, ?

Ans

✓ 1. 133

✗ 2. 129

✗ 3. 137

✗ 4. 139

Question ID : 7518979032

Option 1 ID : 75189736127

Option 2 ID : 75189736128

Option 3 ID : 75189736126

Option 4 ID : 75189736125

Status : Answered

Chosen Option : 1

Q.37

- Ans
- ☒ 1. Half of the members retire every year.
 - ☒ 2. One-third of the members retire every second year.
 - ☒ 3. One-fifth of the members retire every second year.
 - ☒ 4. One-third of the members retire every year.

Question ID : 7518978603
Option 1 ID : 75189734412
Option 2 ID : 75189734410
Option 3 ID : 75189734411
Option 4 ID : 75189734409
Status : Answered
Chosen Option : 2

Q.38 In March 2022, in which state did the World Health Organization sign an agreement with India to set up a Global Centre for Traditional Medicine?

- Ans
- ☒ 1. Rajashtan
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Gujarat
 - ☒ 4. Kerala

Question ID : 7518973773
Option 1 ID : 75189715089
Option 2 ID : 75189715091
Option 3 ID : 75189715090
Option 4 ID : 75189715092
Status : Answered
Chosen Option : 3

Q.39 Who gave the laws of inheritance?

- Ans
- ☒ 1. Watson and Crick
 - ☒ 2. Carl Linnaeus
 - ☒ 3. Gregor Mendel
 - ☒ 4. Charles Darwin

Question ID : 7518977844
Option 1 ID : 75189731375
Option 2 ID : 75189731373
Option 3 ID : 75189731376
Option 4 ID : 75189731374
Status : Answered
Chosen Option : 1

Q.40

- Ans
- ☒ 1. 1628 cm^3
 - ☒ 2. 1728 cm^3
 - ☒ 3. 1928 cm^3
 - ☒ 4. 1828 cm^3

Question ID : 7518978793
Option 1 ID : 75189735172
Option 2 ID : 75189735171
Option 3 ID : 75189735169
Option 4 ID : 75189735170
Status : Answered
Chosen Option : 2

Q.41 Which of the following features of the Constitution of India is borrowed from the Constitution of Ireland?

- Ans
- ☒ 1. Rule of law
 - ☒ 2. Directive principles of state policy
 - ☒ 3. Single citizenship
 - ☒ 4. Parliamentary system of government

Question ID : 7518978586
Option 1 ID : 75189734342
Option 2 ID : 75189734341
Option 3 ID : 75189734344
Option 4 ID : 75189734343
Status : Answered
Chosen Option : 3

Q.42 A 2200 W electric toaster operates at 220 V. The resistance of its coil is:

- Ans
- ☒ 1. 44Ω
 - ☒ 2. 22Ω
 - ☒ 3. 88Ω
 - ☒ 4. 11Ω

Question ID : 7518976720
Option 1 ID : 75189726879
Option 2 ID : 75189726878
Option 3 ID : 75189726880
Option 4 ID : 75189726877
Status : Answered
Chosen Option : 4

Q.43

- Ans  1. Sodium
 2. Phosphorus
 3. Calcium
 4. Iron

Question ID : 7518974330
Option 1 ID : 75189717320
Option 2 ID : 75189717317
Option 3 ID : 75189717318
Option 4 ID : 75189717319
Status : Answered
Chosen Option : 2

Q.44 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 485136785, what will be the difference between the digits which are second from the left and third from the right?

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

Question ID : 7518977753
Option 1 ID : 75189731009
Option 2 ID : 75189731010
Option 3 ID : 75189731012
Option 4 ID : 75189731011
Status : Answered
Chosen Option : 4

Q.45 If in a certain code language, CARBON is coded as DCUFTT and ENABLE is coded as FPDFQK, then how is CANDLE coded in that language?

- Ans  1. DCHQKQ
 2. EDRIQK
 3. EDRIKQ
 4. DCQHQB

Question ID : 7518979010
Option 1 ID : 75189736039
Option 2 ID : 75189736037
Option 3 ID : 75189736038
Option 4 ID : 75189736040
Status : Answered
Chosen Option : 4

Q.46

- Ans ☒ 1. 72°
☒ 2. 58°
☒ 3. 66°
☒ 4. 68°

Question ID : 7518978473
Option 1 ID : 75189733892
Option 2 ID : 75189733889
Option 3 ID : 75189733890
Option 4 ID : 75189733891
Status : Not Answered
Chosen Option : --

Q.47 Given below is a statement followed by two possible conclusions I and II. Read the information carefully and select the correct option.

Statement:

Country B has been importing 80% of its crude oil and petroleum from country Y for a few decades now to fulfil their fuel needs. However, owing to the current financial crisis in country Y, it exports the crude oil and petroleum to other countries at 30% higher prices now.

Which of the following can be concluded from the given information?

I. The car resale industry in country B will be on verge of a total shut down in the coming months.

II. Country B will increase fuel tax by 30%.

Ans ☒ 1.

Neither I nor II can be concluded from the given information.

- ☒ 2. Both I and II can be concluded from the given information.
☒ 3. Only II can be concluded from the given information.
☒ 4. Only I can be concluded from the given information.

Question ID : 7518979090
Option 1 ID : 75189736360
Option 2 ID : 75189736359
Option 3 ID : 75189736358
Option 4 ID : 75189736357
Status : Answered
Chosen Option : 1

Q.48 In July 2022, the Supreme Court of India gave an order giving more power to the right to be forgotten, which has been acknowledged as a facet of the right to privacy by the top court in its 2017 landmark judgment, the new order is related to _____.

- Ans ☒ 1. medical history
☒ 2. print media
☒ 3. phone calls
☒ 4. search engines and internet

Question ID : 7518976776
Option 1 ID : 75189727104
Option 2 ID : 75189727101
Option 3 ID : 75189727103
Option 4 ID : 75189727102
Status : Answered
Chosen Option : 4

Q.49

- Ans
- ☒ 1. Republic Day
 - ☒ 2. Independence Day
 - ☒ 3. Gandhi Jayanti
 - ☒ 4. National Constitution Day

Question ID : 7518978850

Option 1 ID : 75189735399

Option 2 ID : 75189735400

Option 3 ID : 75189735398

Option 4 ID : 75189735397

Status : Answered

Chosen Option : 2

Q.50 Refer to the following letter series and answer the question that follows.

A F R C D S Y H N T E D C I D Q A C V Y U I N G R F S C W R

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

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

Question ID : 7518977975

Option 1 ID : 75189731898

Option 2 ID : 75189731900

Option 3 ID : 75189731899

Option 4 ID : 75189731897

Status : Answered

Chosen Option : 4

Q.51 If $a = 5$, then $\sqrt{(4a^2 - 4a + 1)} + 6a$ is:

- Ans
- ☒ 1. 69
 - ☒ 2. 59
 - ☒ 3. 49
 - ☒ 4. 39

Question ID : 7518978623

Option 1 ID : 75189734489

Option 2 ID : 75189734490

Option 3 ID : 75189734491

Option 4 ID : 75189734492

Status : Answered

Chosen Option : 4

Q.52

- Ans
- ☐ 1. 369
 - ☐ 2. 332
 - ☒ 3. 386
 - ☐ 4. 373

Question ID : 7518979042
Option 1 ID : 75189736166
Option 2 ID : 75189736165
Option 3 ID : 75189736168
Option 4 ID : 75189736167
Status : Answered
Chosen Option : 3

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

(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)

13 : 195 :: 11 : 143 :: 7 : ?

- Ans
- ☐ 1. 107
 - ☐ 2. 91
 - ☐ 3. 105
 - ☒ 4. 63

Question ID : 7518978053
Option 1 ID : 75189732212
Option 2 ID : 75189732211
Option 3 ID : 75189732210
Option 4 ID : 75189732209
Status : Answered
Chosen Option : 4

Q.54 A large tanker can be filled by pipes A and B in 60 minutes and 30 minutes, respectively. How much time will it take to fill the empty tanker, if for half the time pipe B is opened and for the remaining time pipes A and B are opened?

- Ans
- ☐ 1. 20 minutes
 - ☐ 2. 15 minutes
 - ☒ 3. 24 minutes
 - ☐ 4. 28 minutes

Question ID : 7518976105
Option 1 ID : 75189724418
Option 2 ID : 75189724417
Option 3 ID : 75189724419
Option 4 ID : 75189724420
Status : Answered
Chosen Option : 3

Q.55

- Ans
- ☐ 1. 18 cm
 - ☒ 2. 9 cm
 - ☐ 3. -18 cm
 - ☐ 4. -9 cm

Question ID : 7518976582
Option 1 ID : 75189726327
Option 2 ID : 75189726325
Option 3 ID : 75189726328
Option 4 ID : 75189726326
Status : Not Answered
Chosen Option : --

Q.56 Six classmates L, M, N, O, P and Q compare the IGCSE results of their final exam. Each of them scored different marks. O scored more than N but less than L. M scored more than N. P scored less than N but more than Q. L scored less than M. Who among the six scored the most?

- Ans
- ☐ 1. O
 - ☒ 2. M
 - ☐ 3. N
 - ☐ 4. L

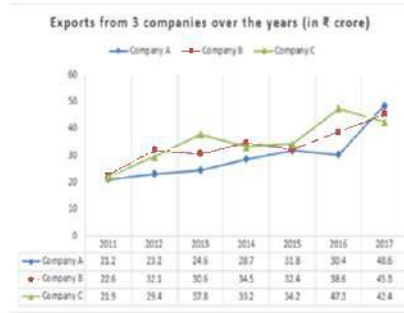
Question ID : 7518977641
Option 1 ID : 75189730563
Option 2 ID : 75189730561
Option 3 ID : 75189730564
Option 4 ID : 75189730562
Status : Answered
Chosen Option : 2

Q.57 Pinky walked 160 m towards north, then she turned right and walks 240 m. Then she turned right and walked 280 m, then she turned left and walked 120 m. Finally, she turned left and walked 120 m. In which direction and how many metres is she from the starting position?
(All turns are 90 degree turns only)

- Ans
- ☐ 1. West, 120 m
 - ☒ 2. East, 360 m
 - ☐ 3. East, 120 m
 - ☐ 4. West, 360 m

Question ID : 7518979023
Option 1 ID : 75189736090
Option 2 ID : 75189736092
Option 3 ID : 75189736089
Option 4 ID : 75189736091
Status : Answered
Chosen Option : 2

Q.58 Study the following line graph and answer the question.



The average annual exports during the given period for Company B is what percentage of the average annual exports for Company C?

- Ans** ☒ 1. 95.90%
☐ 2. 97.32%
☐ 3. 93.99%
☐ 4. 96.65%

Question ID : 7518979059

Option 1 ID : 75189736234

Option 2 ID : 75189736236

Option 3 ID : 75189736233

Option 4 ID : 75189736235

Status : Not Answered

Chosen Option : --

Q.59 Select the term from among the given options that can replace the question mark (?) in the following alpha-numeric series to make it logically complete.

3Z6, 8Y12, 15X18, 24W24, 35V30, ?

- Ans** ☐ 1. 48V36
☐ 2. 36V48
☒ 3. 48U36
☐ 4. 36U48

Question ID : 7518978980

Option 1 ID : 75189735918

Option 2 ID : 75189735919

Option 3 ID : 75189735920

Option 4 ID : 75189735917

Status : Answered

Chosen Option : 3

Q.60

- Ans
- ☒ 1. 10
 - ☒ 2. 9
 - ☒ 3. 7
 - ☒ 4. 8

Question ID : 7518978957
Option 1 ID : 75189735825
Option 2 ID : 75189735826
Option 3 ID : 75189735828
Option 4 ID : 75189735827

Status : Answered

Chosen Option : 3

Q.61 A quadratic equation whose roots are $-\frac{2}{3}$ and $-\frac{3}{2}$ is:

- Ans
- ☒ 1. $6x^2 - 13x - 1 = 0$
 - ☒ 2. $6x^2 - 13x + 6 = 0$
 - ☒ 3. $6x^2 + 13x + 6 = 0$
 - ☒ 4. $6x^2 + 13x + 1 = 0$

Question ID : 7518978454
Option 1 ID : 75189733816
Option 2 ID : 75189733815
Option 3 ID : 75189733814
Option 4 ID : 75189733813

Status : Not Answered

Chosen Option : --

Q.62 Name the process by which soluble products of photosynthesis are transported to other parts of the plant.

- Ans
- ☒ 1. Translocation
 - ☒ 2. Transpiration
 - ☒ 3. Osmosis
 - ☒ 4. Diffusion

Question ID : 7518977801
Option 1 ID : 75189731203
Option 2 ID : 75189731201
Option 3 ID : 75189731204
Option 4 ID : 75189731202

Status : Answered

Chosen Option : 1

Q.63

- Ans  1. $Pb(s) + CuCl_2(aq) \rightarrow PbCl_2(aq) + Cu(s)$
-  2. $2AgBr(s) \xrightarrow{\text{Sunlight}} 2Ag(s) + Br_2(g)$
-  3. $Zn(s) + CuSO_4(aq) \rightarrow ZnSO_4(aq) + Cu(s)$
-  4. $Fe(s) + CuSO_4(aq) \rightarrow FeSO_4(aq) + Cu(s)$

Question ID : 7518978121

Option 1 ID : 75189732484

Option 2 ID : 75189732482

Option 3 ID : 75189732483

Option 4 ID : 75189732481

Status : Not Answered

Chosen Option : --

Q.64 If each of the digits in the number 417593286 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. 2
-  2. 3
-  3. 1
-  4. 4

Question ID : 7518977749

Option 1 ID : 75189730994

Option 2 ID : 75189730995

Option 3 ID : 75189730993

Option 4 ID : 75189730996

Status : Answered

Chosen Option : 3

Q.65 Pipe P can fill $\frac{3}{4}$ part of a tank in 18 hours and pipe Q can fill $\frac{3}{5}$ part of the same tank in 12 hours. Both P and Q were kept open for 4 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in $5\frac{1}{2}$ hours. Pipes P, Q and R together can fill the empty tank in:

- Ans  1. 30 hours
-  2. 36 hours
-  3. 35 hours
-  4. 40 hours

Question ID : 7518978404

Option 1 ID : 75189733613

Option 2 ID : 75189733615

Option 3 ID : 75189733614

Option 4 ID : 75189733616

Status : Not Answered

Chosen Option : --

Q.66

- Ans
- ☒ 1. Oxygen
 - ☒ 2. Nitrogen
 - ☒ 3. carbon
 - ☒ 4. Helium

Question ID : 7518978108

Option 1 ID : 75189732430

Option 2 ID : 75189732431

Option 3 ID : 75189732429

Option 4 ID : 75189732432

Status : Answered

Chosen Option : 3

Q.67 _____, the then largest NBFC – MFI got merged with IndusInd bank in July 2019.

- Ans
- ☒ 1. Bharat Financial Inclusion Limited
 - ☒ 2. Bandhan Financial Services Limited
 - ☒ 3. CreditAccess Grameen Limited
 - ☒ 4. Annapurna Finance Private Limited

Question ID : 7518976829

Option 1 ID : 75189727313

Option 2 ID : 75189727314

Option 3 ID : 75189727316

Option 4 ID : 75189727315

Status : Not Answered

Chosen Option : --

Q.68 Two coils, A and B, such that A is connected to a battery through a key and a rheostat, and B is connected to a galvanometer, are arranged parallel and close to each other. In which of the following durations, as described, is/are current(s) induced in B?

(a) 0 to 50 s : the current in A is steady

(b) 50 to 60 s : the current in A is decreased at a constant rate

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

Question ID : 7518976757

Option 1 ID : 75189727025

Option 2 ID : 75189727027

Option 3 ID : 75189727028

Option 4 ID : 75189727026

Status : Not Answered

Chosen Option : --

Q.69

- Ans
- ☒ 1. 36
 - ☒ 2. 40
 - ☒ 3. 35
 - ☒ 4. 42

Question ID : 7518978309
Option 1 ID : 75189733235
Option 2 ID : 75189733234
Option 3 ID : 75189733236
Option 4 ID : 75189733233
Status : Not Answered
Chosen Option : --

Q.70 How many resistors of $12\ \Omega$ must be connected in parallel combination to obtain $4\ \Omega$ resistance?

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

Question ID : 7518978139
Option 1 ID : 75189732554
Option 2 ID : 75189732553
Option 3 ID : 75189732556
Option 4 ID : 75189732555
Status : Answered
Chosen Option : 3

Q.71 Bone is an example of which of the following types of tissues?

- Ans
- ☒ 1. Epithelial tissue
 - ☒ 2. Muscular tissue
 - ☒ 3. Connective tissue
 - ☒ 4. Nervous tissue

Question ID : 7518977813
Option 1 ID : 75189731251
Option 2 ID : 75189731249
Option 3 ID : 75189731250
Option 4 ID : 75189731252
Status : Answered
Chosen Option : 1

Q.72 A, B, C, D, W, X, Y and Z 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. C sits third to the left of W. C sits at one of the corners. A does not sit at any of the corners. Y sits second to the right of A. A is not an immediate neighbour of C. Only three people sit between B and D. B is an immediate neighbour of Z. B does not sit at any of the middle of the sides. Who sits second to the left of Y?

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

Question ID : 7518978170
 Option 1 ID : 75189732678
 Option 2 ID : 75189732679
 Option 3 ID : 75189732680
 Option 4 ID : 75189732677

Status : Answered

Chosen Option : 2

Q.73 For the equation $2x^2 + bx + 3 = 0$, the smaller root is 0.5. Find the value of b.

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

Question ID : 7518976163
 Option 1 ID : 75189724650
 Option 2 ID : 75189724651
 Option 3 ID : 75189724652
 Option 4 ID : 75189724649

Status : Not Answered

Chosen Option : --

Q.74 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.

PROFESS : ORPSSEF :: CONTAIN : NOCNIAI :: ROUTINE : ?

- Ans**
- ☒ 1. UROEINT
 - ☒ 2. TORENIU
 - ☒ 3. UORNETI
 - ☒ 4. UORENIT

Question ID : 7518975272
 Option 1 ID : 75189721087
 Option 2 ID : 75189721085
 Option 3 ID : 75189721088
 Option 4 ID : 75189721086

Status : Answered

Chosen Option : 4

Q.75

Ans

- ✓ 1. MnO_2 is reduced to MnCl_2
✗ 2. MnCl_2 is reduced to MnO_2
✗ 3. MnO_2 is oxidized to MnCl_2
✗ 4. Mn does not undergo redox reaction

Question ID : 7518973615

Option 1 ID : 75189714458

Option 2 ID : 75189714459

Option 3 ID : 75189714457

Option 4 ID : 75189714460

Status : Not Answered

Chosen Option : --

Q.76 In India, Petrol price was liberalized and deregulated in June:

Ans

- ✓ 1. 2010
✗ 2. 2008
✗ 3. 2017
✗ 4. 2014

Question ID : 7518978540

Option 1 ID : 75189734159

Option 2 ID : 75189734158

Option 3 ID : 75189734157

Option 4 ID : 75189734160

Status : Answered

Chosen Option : 1

Q.77 If the mean of the following data is 22, then what is the value of x ?

Class	0-10	10-20	20-30	30-40	40-50
Frequency	12	16	6	7	x

Ans

- ✗ 1. 6
✗ 2. 19
✗ 3. 13
✓ 4. 9

Question ID : 7518978417

Option 1 ID : 75189733665

Option 2 ID : 75189733668

Option 3 ID : 75189733667

Option 4 ID : 75189733666

Status : Not Answered

Chosen Option : --

Q.78

- Ans ☒ 1. ₹1.50
☐ 2. ₹2.00
☐ 3. ₹4
☐ 4. ₹1.90

Question ID : 7518975624
Option 1 ID : 75189722495
Option 2 ID : 75189722493
Option 3 ID : 75189722496
Option 4 ID : 75189722494
Status : Answered
Chosen Option : 1

Q.79 If ₹12,500 amounts to ₹15,680 in 2 years at x% compound interest per annum, compounded annually, then the value of x is:

- Ans ☐ 1. 15
☐ 2. 11
☐ 3. 20
☒ 4. 12

Question ID : 7518976276
Option 1 ID : 75189725103
Option 2 ID : 75189725101
Option 3 ID : 75189725104
Option 4 ID : 75189725102
Status : Answered
Chosen Option : 3

Q.80 Which of following molecules govern the inheritance of a trait by the offspring?

- Ans ☐ 1. Proteins
☒ 2. Paternal and maternal DNA
☐ 3. Only paternal DNA
☐ 4. Only maternal DNA

Question ID : 7518977846
Option 1 ID : 75189731383
Option 2 ID : 75189731382
Option 3 ID : 75189731381
Option 4 ID : 75189731384
Status : Not Answered
Chosen Option : --

Q.81

- Ans
- ☒ 1. 5.41
 - ☒ 2. 7.91
 - ☒ 3. 8.61
 - ☒ 4. 10.71

Question ID : 7518975664
Option 1 ID : 75189722655
Option 2 ID : 75189722654
Option 3 ID : 75189722653
Option 4 ID : 75189722656

Status : Answered

Chosen Option : 3

Q.82 Which of the following is NOT an alkali?

- Ans
- ☒ 1. LiOH
 - ☒ 2. Cu(OH)₂
 - ☒ 3. NH₄OH
 - ☒ 4. Ba(OH)₂

Question ID : 7518973459
Option 1 ID : 75189713836
Option 2 ID : 75189713835
Option 3 ID : 75189713833
Option 4 ID : 75189713834

Status : Not Answered

Chosen Option : --

Q.83 A shopkeeper professes to sell his goods at a 10% loss but uses a false balance and gains 15%. The actual weight (correct to one decimal place) he uses for 1 kg is:

- Ans
- ☒ 1. 784.4 gm
 - ☒ 2. 785.6 gm
 - ☒ 3. 782.6 gm
 - ☒ 4. 788.4 gm

Question ID : 7518978382
Option 1 ID : 75189733526
Option 2 ID : 75189733527
Option 3 ID : 75189733525
Option 4 ID : 75189733528

Status : Not Answered

Chosen Option : --

Q.84 Refer to the following letter, number, symbol series and answer the question.

(Left) N 3 F P # 1 C B 5 \$ L Q 6 & N 8 D @ K 9 R (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. 4

Question ID : 7518979170

Option 1 ID : 75189736678

Option 2 ID : 75189736679

Option 3 ID : 75189736677

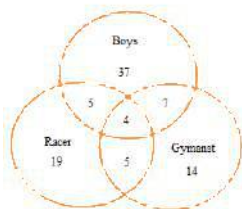
Option 4 ID : 75189736680

Status : Answered

Chosen Option : 3

Q.85 Study the given diagram carefully and answer the questions. The numbers in different sections indicate the number of persons.

In the following Venn diagram, the how many boys are there who are racers and gymnasts?



- Ans**
- ☒ 1. 4
 - ☒ 2. 5
 - ☒ 3. 14
 - ☒ 4. 7

Question ID : 7518978964

Option 1 ID : 75189735854

Option 2 ID : 75189735853

Option 3 ID : 75189735856

Option 4 ID : 75189735855

Status : Answered

Chosen Option : 1

Q.86 The sum of the present ages of a father and his son is 6 years more than 3 times the present age of the son. After 2 years, 2 times the father's age will be 7 years less than 5 times the son's age. The difference (in years) between the ages of the father and the son is:

- Ans**
- ☒ 1. 17
 - ☒ 2. 20
 - ☒ 3. 19
 - ☒ 4. 23

Question ID : 7518978442

Option 1 ID : 75189733765

Option 2 ID : 75189733767

Option 3 ID : 75189733766

Option 4 ID : 75189733768

Status : Not Answered

Chosen Option : --

Q.87

Ans

✓ 1. 10°

✗ 2. 40°

✗ 3. 30°

✗ 4. 20°

Question ID : 7518976566

Option 1 ID : 75189726261

Option 2 ID : 75189726264

Option 3 ID : 75189726263

Option 4 ID : 75189726262

Status : Not Answered

Chosen Option : --

Q.88 In a certain code language, '856 458 1265' means 'you are good', '568 235 1265 1452' means 'good boy bad habit ', and '25475 458 568' means 'evils are bad'. In that language, which code stands for 'are'?

Ans

✗ 1. 856

✓ 2. 458

✗ 3. 1265

✗ 4. 235

Question ID : 7518979011

Option 1 ID : 75189736041

Option 2 ID : 75189736042

Option 3 ID : 75189736044

Option 4 ID : 75189736043

Status : Answered

Chosen Option : 2

Q.89 Which two signs should be interchanged to make the following equation correct?

$$13 + 6 \div 12 - 4 \times 5 = 4$$

Ans

✗ 1. $-$ and $\times$

✓ 2. $\div$ and $-$

✗ 3. $\div$ and $\times$

✗ 4. $\times$ and $+$

Question ID : 7518978083

Option 1 ID : 75189732330

Option 2 ID : 75189732331

Option 3 ID : 75189732329

Option 4 ID : 75189732332

Status : Answered

Chosen Option : 2

Q.90

- Ans ☒ 1. U
☐ 2. R
☐ 3. P
☐ 4. Q

Question ID : 7518979121
Option 1 ID : 75189736483
Option 2 ID : 75189736481
Option 3 ID : 75189736484
Option 4 ID : 75189736482
Status : Answered
Chosen Option : 3

Q.91 _____ is a type of crescent-shaped sand dune formed in desert regions where the wind direction is very constant.

- Ans ☐ 1. Blowhole
☐ 2. Bluff
☐ 3. Bergschrund
☒ 4. Barchan

Question ID : 7518977248
Option 1 ID : 75189728989
Option 2 ID : 75189728992
Option 3 ID : 75189728991
Option 4 ID : 75189728990
Status : Not Answered
Chosen Option : --

Q.92 Which of the following is NOT a metal?

- Ans ☐ 1. Ga
☒ 2. Si
☐ 3. Pb
☐ 4. Sc

Question ID : 7518973494
Option 1 ID : 75189713973
Option 2 ID : 75189713975
Option 3 ID : 75189713976
Option 4 ID : 75189713974
Status : Not Answered
Chosen Option : --

Q.93

- Ans
- ☒ 1. Lord Reading
 - ☒ 2. Lord Chelmsford
 - ☒ 3. Lord Canning
 - ☒ 4. Lord Curzon

Question ID : 7518977459
Option 1 ID : 75189729835
Option 2 ID : 75189729833
Option 3 ID : 75189729836
Option 4 ID : 75189729834
Status : Not Answered
Chosen Option : --

Q.94 If $3.2 : x :: x : 16.2$, and $x > 0$, then find the value of x .

- Ans
- ☒ 1. 6.3
 - ☒ 2. 9.7
 - ☒ 3. 7.2
 - ☒ 4. 5.4

Question ID : 7518978366
Option 1 ID : 75189733462
Option 2 ID : 75189733464
Option 3 ID : 75189733463
Option 4 ID : 75189733461
Status : Answered
Chosen Option : 3

Q.95 Under the 'Talent Search and Development' component of 'Khelo India' programme to carry out talent identification, the country has been divided into how many zones as of July 2022?

- Ans
- ☒ 1. Three
 - ☒ 2. Four
 - ☒ 3. Five
 - ☒ 4. Seven

Question ID : 7518976505
Option 1 ID : 75189726017
Option 2 ID : 75189726018
Option 3 ID : 75189726019
Option 4 ID : 75189726020
Status : Not Answered
Chosen Option : --

Q.96

- Ans ☒ 1. Santhali
☒ 2. Sanskrit
☒ 3. Konkani
☒ 4. Bengali

Question ID : 7518974006

Option 1 ID : 75189716023

Option 2 ID : 75189716022

Option 3 ID : 75189716021

Option 4 ID : 75189716024

Status : Answered

Chosen Option : 4

Q.97 Suman's present age is twice that of Venkat's. Venkat's age, after 12 years, will be 21 years. Find Suman's present age.

- Ans ☒ 1. 18 years
☒ 2. 20 years
☒ 3. 16 years
☒ 4. 22 years

Question ID : 7518975934

Option 1 ID : 75189723733

Option 2 ID : 75189723734

Option 3 ID : 75189723736

Option 4 ID : 75189723735

Status : Answered

Chosen Option : 1

Q.98 The sayings or day-to-day teachings of Prophet Muhammad after his death were compiled by his followers and called _____.

- Ans ☒ 1. Hadith
☒ 2. Quran
☒ 3. Sharia
☒ 4. Sunnah

Question ID : 7518978865

Option 1 ID : 75189735458

Option 2 ID : 75189735457

Option 3 ID : 75189735460

Option 4 ID : 75189735459

Status : Answered

Chosen Option : 2

Q.99

- Ans
- ☒ 1. ₹2,67,037
 - ☒ 2. ₹2,76,703
 - ☒ 3. ₹2,67,703
 - ☒ 4. ₹2,67,730

Question ID : 7518975833
Option 1 ID : 75189723331
Option 2 ID : 75189723330
Option 3 ID : 75189723332
Option 4 ID : 75189723329
Status : Answered
Chosen Option : 2

Q.100 How many teams were scheduled to be a part of the 15th edition of the Indian Premier League (Cricket), 2022?

- Ans
- ☒ 1. 10
 - ☒ 2. 17
 - ☒ 3. 15
 - ☒ 4. 12

Question ID : 7518977437
Option 1 ID : 75189729745
Option 2 ID : 75189729748
Option 3 ID : 75189729747
Option 4 ID : 75189729746
Status : Answered
Chosen Option : 1