



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	SAS Institute of IT & Research
Test Date	30/08/2022
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 B, C, D, E, F and G are six team members who joined a team on different days of the same month, viz. 2nd, 4th, 5th, 8th, 10th and 11th of January.

C joined on one of the days before F, E and G. B joined immediately before F. D joined immediately before C. E joined on one of the days after B and before G. Who joined the team on 10th of January?

- Ans** ☒ 1. E
☒ 2. G
☒ 3. F
☒ 4. B

Question ID : 7518974916

Option 1 ID : 75189719664

Option 2 ID : 75189719662

Option 3 ID : 75189719661

Option 4 ID : 75189719663

Status : Answered

Chosen Option : 1

Q.2 The given table shows the number of candidates who appeared for the interview and the number of candidates who got selected for the post of Assistant Professor in XYZ university, from different states over the years. Study the table and answer the question.

Year \ State	2020		2021		2022	
	Interviewed	Selected	Interviewed	Selected	Interviewed	Selected
A	1200	800	1500	700	1800	1000
B	1500	600	1600	800	2000	1120
C	2000	680	2200	900	1800	1100
D	1600	700	1500	950	1800	1200
E	1500	490	1100	400	1300	800

In the year 2020, the total number of candidates who got selected from different states is approximately what percentage of the total number of candidates who appeared for the interview from different states in the same year?

- Ans  1. 55%
-  2. 41.9%
-  3. 45.5%
-  4. 50%

Question ID : 7518977781

Option 1 ID : 75189731122

Option 2 ID : 75189731124

Option 3 ID : 75189731121

Option 4 ID : 75189731123

Status : Answered

Chosen Option : 2

Q.3 In this question, a group of letters is coded using numbers as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Letter/ Symbol	I	M	H	R	D	C	E	V
Code	4	8	0	1	3	5	7	9

Conditions:

- (i) If the first element is a vowel and the last, a consonant, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is a consonant and the last, an vowel, the first and last elements are to be coded as 2.
- (iii) If the middle letter is a vowel, then it is to be coded as 6.

Question: DRIVE

- Ans  1. 31967
-  2. 31679
-  3. 21492
-  4. 21692

Question ID : 7518977362

Option 1 ID : 75189729448

Option 2 ID : 75189729446

Option 3 ID : 75189729445

Option 4 ID : 75189729447

Status : Answered

Chosen Option : 4

Q.4

- Ans  1. Potassium
 2. Iodine
 3. Calcium
 4. Iron

Question ID : **7518974367**
Option 1 ID : **75189717468**
Option 2 ID : **75189717466**
Option 3 ID : **75189717467**
Option 4 ID : **75189717465**

Status : **Answered**

Chosen Option : **3**

Q.5 When the terminal phosphate linkage in ATP is broken using water, what is the amount of energy released?

- Ans  1. 30.5 kJ/mol
 2. 33 kJ/mol
 3. 32 kJ/mol
 4. 32.5 kJ/mol

Question ID : **7518974536**
Option 1 ID : **75189718141**
Option 2 ID : **75189718144**
Option 3 ID : **75189718142**
Option 4 ID : **75189718143**

Status : **Answered**

Chosen Option : **4**

Q.6 How many stages of life did early Hindu philosophy determine?

- Ans  1. four
 2. three
 3. five
 4. two

Question ID : **7518974019**
Option 1 ID : **75189716075**
Option 2 ID : **75189716074**
Option 3 ID : **75189716076**
Option 4 ID : **75189716073**

Status : **Answered**

Chosen Option : **1**

Q.7

Ans ☒ 1. Gujarati

☐ 2. Tamil

☐ 3. Malayalam

☐ 4. Bengali

Question ID : 7518977483

Option 1 ID : 75189729929

Option 2 ID : 75189729932

Option 3 ID : 75189729930

Option 4 ID : 75189729931

Status : Answered

Chosen Option : 1

Q.8 A device of 30 W is connected to a 12 V battery. The current in the device is:

Ans ☒ 1. 2.5 A

☐ 2. 0.4 A

☐ 3. 0.2 A

☐ 4. 1.25 A

Question ID : 7518976718

Option 1 ID : 75189726869

Option 2 ID : 75189726871

Option 3 ID : 75189726872

Option 4 ID : 75189726870

Status : Answered

Chosen Option : 1

Q.9 A vessel is one-fourth full of water. After adding 10 cups of water to it, the vessel gets three-fourth full. Find the capacity of the vessel in cups.

Ans ☒ 1. 20

☐ 2. 25

☐ 3. 27

☐ 4. 22

Question ID : 7518976138

Option 1 ID : 75189724549

Option 2 ID : 75189724551

Option 3 ID : 75189724552

Option 4 ID : 75189724550

Status : Answered

Chosen Option : 1

Q.10

- Ans
- ☒ 1. nitrogen
 - ☒ 2. carbon dioxide
 - ☒ 3. hydrogen
 - ☒ 4. oxygen

Question ID : 7518974333
Option 1 ID : 75189717332
Option 2 ID : 75189717329
Option 3 ID : 75189717331
Option 4 ID : 75189717330
Status : Answered
Chosen Option : 4

Q.11 If 7, 12, 21 and x are in proportion, the value of x is:

- Ans
- ☒ 1. 36
 - ☒ 2. 24
 - ☒ 3. 35
 - ☒ 4. 27

Question ID : 7518976269
Option 1 ID : 75189725076
Option 2 ID : 75189725075
Option 3 ID : 75189725074
Option 4 ID : 75189725073
Status : Answered
Chosen Option : 1

Q.12 Aditya and Bhaskar undertake to do a piece of work for ₹15,000. Aditya alone can do it in 15 days while Bhaskar alone can do it in 18 days. With the help of Chandra, they finish it in 6 days. What is Chandra's share?

- Ans
- ☒ 1. ₹4,000
 - ☒ 2. ₹7,000
 - ☒ 3. ₹5,000
 - ☒ 4. ₹6,000

Question ID : 7518976298
Option 1 ID : 75189725189
Option 2 ID : 75189725192
Option 3 ID : 75189725190
Option 4 ID : 75189725191
Status : Answered
Chosen Option : 1

Q.13

- Ans
- ☐ 1. Aditya Mehta
 - ☐ 2. Dhruv Sitwala
 - ☐ 3. Geet Sethi
 - ☒ 4. Pankaj Advani

Question ID : 7518977436
Option 1 ID : 75189729742
Option 2 ID : 75189729741
Option 3 ID : 75189729744
Option 4 ID : 75189729743
Status : Answered
Chosen Option : 4

Q.14 An object is placed on the principal axis of a lens of power -10 D , at a distance of 15 cm . The image formed is

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

Question ID : 7518976639
Option 1 ID : 75189726554
Option 2 ID : 75189726556
Option 3 ID : 75189726553
Option 4 ID : 75189726555
Status : Answered
Chosen Option : 2

Q.15 Consider the following statements about an electric generator:

- (a) After every half rotation, the current in the respective arms of the coil reverses its direction.
- (b) The direction of the induced current in the coil can be found using Fleming's right-hand rule.

Which of the above statements is/are correct?

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

Question ID : 7518976748
Option 1 ID : 75189726989
Option 2 ID : 75189726990
Option 3 ID : 75189726991
Option 4 ID : 75189726992
Status : Answered
Chosen Option : 2

Q.16

- Ans
- ☒ 1. $\div, -$
 - ☒ 2. $\div, \times$
 - ☒ 3. $\times, -$
 - ☒ 4. $\times, +$

Question ID : 7518977763
Option 1 ID : 75189731051
Option 2 ID : 75189731050
Option 3 ID : 75189731052
Option 4 ID : 75189731049
Status : Answered
Chosen Option : 3

Q.17 The National Anti-Doping Bill, 2021, passed by Lok Sabha in July 2022 seeks to create a statutory framework for which of the following agencies?

- Ans
- ☒ 1. National Anti-Doping Agency (NADA)
 - ☒ 2. Anti-Doping Agency of India (ADAI)
 - ☒ 3. Indian Anti-Doping Agency (IADA)
 - ☒ 4. Anti-Doping National Agency (ADNA)

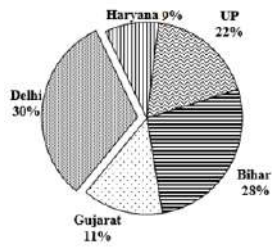
Question ID : 7518976775
Option 1 ID : 75189727098
Option 2 ID : 75189727097
Option 3 ID : 75189727099
Option 4 ID : 75189727100
Status : Answered
Chosen Option : 1

Q.18 Identify the goods whose demand falls due to the fall in their price.

- Ans
- ☒ 1. Substitute goods
 - ☒ 2. Normal goods
 - ☒ 3. Inferior goods
 - ☒ 4. Giffen goods

Question ID : 7518977215
Option 1 ID : 75189728860
Option 2 ID : 75189728857
Option 3 ID : 75189728858
Option 4 ID : 75189728859
Status : Answered
Chosen Option : 1

Q.19 The given pie-chart shows the percentage distribution of the number of people from different provinces migrating to USA upon getting their Green Card. Study the pie-chart and answer the question.



What is the central angle of the sector corresponding to the number of people migrating from Delhi?

- Ans**
- ✓ 1. 108°
 - ✗ 2. 32.4°
 - ✗ 3. 40°
 - ✗ 4. 100.8°

Question ID : 7518977776
Option 1 ID : 75189731104
Option 2 ID : 75189731101
Option 3 ID : 75189731103
Option 4 ID : 75189731102

Status : Answered

Chosen Option : 1

Q.20 How many development and welfare subjects have been moved from the state to the Panchayati raj institution through the Constitutional amendments in the Indian constitution?

- Ans**
- ✗ 1. 27
 - ✗ 2. 28
 - ✓ 3. 29
 - ✗ 4. 21

Question ID : 7518977284
Option 1 ID : 75189729136
Option 2 ID : 75189729134
Option 3 ID : 75189729135
Option 4 ID : 75189729133

Status : Answered

Chosen Option : 2

Q.21

- Ans
- ☐ 1. 110 m, East
 - ☒ 2. 223 m, West
 - ☐ 3. 129 m, West
 - ☐ 4. 203 m, East

Question ID : 7518977698

Option 1 ID : 75189730789

Option 2 ID : 75189730792

Option 3 ID : 75189730791

Option 4 ID : 75189730790

Status : Answered

Chosen Option : 2

Q.22 C, J, H, Q and W contested in an election and each of them got different number of votes. H got more votes than J but less than W. W got less votes than only one person. C got the least number of votes. Who among the following got the highest number of votes?

- Ans
- ☐ 1. H
 - ☒ 2. Q
 - ☐ 3. J
 - ☐ 4. W

Question ID : 7518977337

Option 1 ID : 75189729346

Option 2 ID : 75189729345

Option 3 ID : 75189729347

Option 4 ID : 75189729348

Status : Answered

Chosen Option : 2

Q.23 The value of $\tan \theta + \frac{1}{\tan \theta}$ is:

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

Question ID : 7518975998

Option 1 ID : 75189723992

Option 2 ID : 75189723989

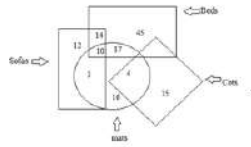
Option 3 ID : 75189723991

Option 4 ID : 75189723990

Status : Answered

Chosen Option : 4

Q.24 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of units.



How many such sofas are there that are either beds or mats but not both?

- Ans** ☒ 1. 17
☒ 2. 22
☒ 3. 10
☒ 4. 12

Question ID : 7518977321

Option 1 ID : 75189729283

Option 2 ID : 75189729281

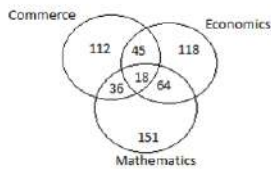
Option 3 ID : 75189729284

Option 4 ID : 75189729282

Status : Answered

Chosen Option : 1

Q.25 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of students enrolled in different programmes in a university.



How many students are enrolled in both commerce and economics but NOT mathematics?

- Ans** ☒ 1. 56
☒ 2. 63
☒ 3. 18
☒ 4. 45

Question ID : 7518977617

Option 1 ID : 75189730468

Option 2 ID : 75189730466

Option 3 ID : 75189730465

Option 4 ID : 75189730467

Status : Answered

Chosen Option : 4

Q.26

- Ans ☒ 1. positive
☐ 2. negative
☐ 3. fluctuating
☐ 4. constant

Question ID : 7518974240

Option 1 ID : 75189716958

Option 2 ID : 75189716957

Option 3 ID : 75189716960

Option 4 ID : 75189716959

Status : Answered

Chosen Option : 1

Q.27 Each of the digits in the number 26397145 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. 1
☐ 2. 2
☐ 3. None
☐ 4. 3

Question ID : 7518975097

Option 1 ID : 75189720386

Option 2 ID : 75189720387

Option 3 ID : 75189720385

Option 4 ID : 75189720388

Status : Answered

Chosen Option : 1

Q.28 Two trains start from P and Q, respectively, at the same time and run towards each other at a speed of 40 km/h and 30 km/h, respectively. By the time they meet, the first train has covered 80 km more than the other train. Find the distance between P and Q.

- Ans ☐ 1. 660 km
☐ 2. 240 km
☒ 3. 560 km
☐ 4. 630 km

Question ID : 7518976091

Option 1 ID : 75189724363

Option 2 ID : 75189724364

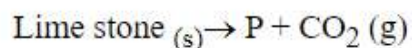
Option 3 ID : 75189724361

Option 4 ID : 75189724362

Status : Answered

Chosen Option : 3

Q.29 Identify the product (P) in the following reaction:



- Ans
- ☐ 1. $\text{Ca(OH)}_2(l)$
 - ☐ 2. $\text{CaO}(s) + \text{O}_2(g)$
 - ☐ 3. $\text{CaCO}_3(s)$
 - ☒ 4. $\text{CaO}(s)$

Question ID : 7518973578

Option 1 ID : 75189714311

Option 2 ID : 75189714312

Option 3 ID : 75189714310

Option 4 ID : 75189714309

Status : Answered

Chosen Option : 1

Q.30 Find the volume of a sphere whose diameter is 42 m.

- Ans
- ☐ 1. $13,416 \text{ m}^3$
 - ☐ 2. $23,437 \text{ m}^3$
 - ☒ 3. $38,808 \text{ m}^3$
 - ☐ 4. $42,137 \text{ m}^3$

Question ID : 7518975751

Option 1 ID : 75189723003

Option 2 ID : 75189723002

Option 3 ID : 75189723001

Option 4 ID : 75189723004

Status : Answered

Chosen Option : 3

Q.31 The value of 121.12×0.121 is:

- Ans
- ☒ 1. 14.65552
 - ☐ 2. 1.465552
 - ☐ 3. 1465.552
 - ☐ 4. 146.5552

Question ID : 7518975806

Option 1 ID : 75189723223

Option 2 ID : 75189723222

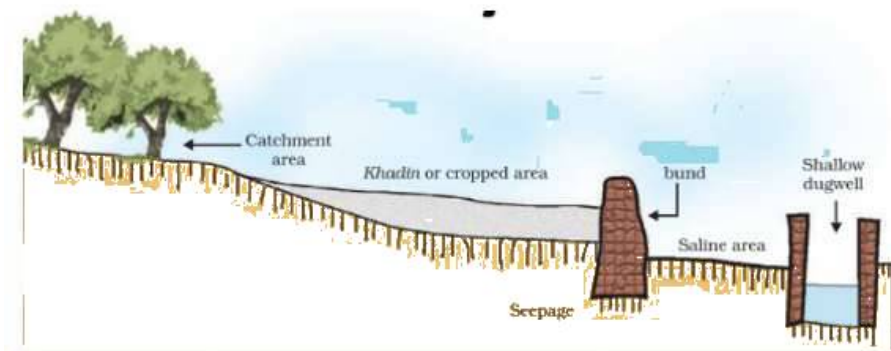
Option 3 ID : 75189723224

Option 4 ID : 75189723221

Status : Answered

Chosen Option : 1

Q.32 Identify the water harvesting structure shown below.



Ans ✓ 1. Khadin System

✗ 2. Tank

✗ 3. Kattas

✗ 4. Bandharas

Question ID : 7518974686

Option 1 ID : 75189718743

Option 2 ID : 75189718744

Option 3 ID : 75189718741

Option 4 ID : 75189718742

Status : Answered

Chosen Option : 1

Q.33 Find Compound Interest on ₹11,000 in 2 years at 4% p.a., interest compounded yearly.

Ans ✓ 1. ₹897.60

✗ 2. ₹906.50

✗ 3. ₹786.60

✗ 4. ₹875.80

Question ID : 7518975620

Option 1 ID : 75189722479

Option 2 ID : 75189722477

Option 3 ID : 75189722478

Option 4 ID : 75189722480

Status : Answered

Chosen Option : 1

Q.34

- Ans ☒ 1. None
☒ 2. One
☒ 3. Two
☒ 4. Three

Question ID : 7518977655
Option 1 ID : 75189730617
Option 2 ID : 75189730618
Option 3 ID : 75189730619
Option 4 ID : 75189730620

Status : Answered

Chosen Option : 2

Q.35 Starting from point X, Aditya walked 30 m towards the south. He then took a left turn and walked 20 m. Then, he took a right turn and walked 10 m. He then took another right turn and walked 40 m. Finally, he took one last right turn and walked another 40 m to reach point Y. How far and in which direction is point X from point Y ? (All turns are 90 degree turns only)

- Ans ☒ 1. 40 m, East
☒ 2. 20 m, East
☒ 3. 40 m, West
☒ 4. 20 m, West

Question ID : 7518975037
Option 1 ID : 75189720147
Option 2 ID : 75189720145
Option 3 ID : 75189720148
Option 4 ID : 75189720146

Status : Answered

Chosen Option : 3

Q.36 Which was the theme state in the 35th Suraj Kund Crafts fair held in March-April 2022?

- Ans ☒ 1. Gujarat
☒ 2. Haryana
☒ 3. Jammu and Kashmir
☒ 4. Rajasthan

Question ID : 7518977469
Option 1 ID : 75189729875
Option 2 ID : 75189729876
Option 3 ID : 75189729873
Option 4 ID : 75189729874

Status : Answered

Chosen Option : 2

Q.37

- Ans  1. 8, K
 2. 6, L
 3. 8, M
 4. 6, M

Question ID : 7518973548
Option 1 ID : 75189714191
Option 2 ID : 75189714190
Option 3 ID : 75189714189
Option 4 ID : 75189714192
Status : Answered
Chosen Option : 4

Q.38 Simplify: $x^3 - 3x^2 + 9x - 12 - x^3 - 7x^2 - 8x - 16$.

- Ans  1. $10x^2 + x - 28$
 2. $-10x^2 + x + 28$
 3. $-10x^2 + x - 28$
 4. $10x^2 - x - 28$

Question ID : 7518975910
Option 1 ID : 75189723639
Option 2 ID : 75189723638
Option 3 ID : 75189723640
Option 4 ID : 75189723637
Status : Answered
Chosen Option : 3

Q.39 Which blood group is referred to as the 'Universal Donor'?

- Ans  1. A
 2. O
 3. B
 4. AB

Question ID : 7518974446
Option 1 ID : 75189717781
Option 2 ID : 75189717784
Option 3 ID : 75189717782
Option 4 ID : 75189717783
Status : Answered
Chosen Option : 2

Q.40

- Ans ☒ 1. 13
☒ 2. 11
☒ 3. 12
☒ 4. 14

Question ID : 7518977553
Option 1 ID : 75189730211
Option 2 ID : 75189730209
Option 3 ID : 75189730210
Option 4 ID : 75189730212
Status : Answered
Chosen Option : 2

Q.41 Which of the following technologies was used for the first time in February 2022 by astronomers from NCRA-TIFR to map the distribution of atomic hydrogen gas in the galaxy?

- Ans ☒ 1. Multislit Solar Explorer (MUSE)
☒ 2. INSPIRESAT-1
☒ 3. Giant Meter wave Radio Telescope (GMRT)
☒ 4. Helioswarm

Question ID : 7518977157
Option 1 ID : 75189728626
Option 2 ID : 75189728627
Option 3 ID : 75189728625
Option 4 ID : 75189728628
Status : Answered
Chosen Option : 3

Q.42 Which of the following trade policies did India adopt in its first seven (five-year) plans?

- Ans ☒ 1. International cooperation and multilateral mechanism
☒ 2. Restricted imports
☒ 3. Export promotion
☒ 4. Import substitution

Question ID : 7518977242
Option 1 ID : 75189728968
Option 2 ID : 75189728967
Option 3 ID : 75189728965
Option 4 ID : 75189728966
Status : Not Answered
Chosen Option : --

Q.43

- Ans
- ☒ 1. 60 km
 - ☒ 2. 30 km
 - ☒ 3. 90 km
 - ☒ 4. 95 km

Question ID : 7518975896
Option 1 ID : 75189723582
Option 2 ID : 75189723581
Option 3 ID : 75189723583
Option 4 ID : 75189723584
Status : Answered
Chosen Option : 3

Q.44 Which India women cricket player was named the ICC Women's Cricketer of the Year for her incredible run of form across all formats in 2021?

- Ans
- ☒ 1. Mithali Raj
 - ☒ 2. Pooja Vastrakar
 - ☒ 3. Smriti Mandhana
 - ☒ 4. S Meghana

Question ID : 7518976504
Option 1 ID : 75189726013
Option 2 ID : 75189726016
Option 3 ID : 75189726015
Option 4 ID : 75189726014
Status : Answered
Chosen Option : 1

Q.45 For what value of k do the pair of linear equations $2x + 3y - 1 = 0$ and $4x + ky + 2 = 0$ have no solution?

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

Question ID : 7518976323
Option 1 ID : 75189725289
Option 2 ID : 75189725292
Option 3 ID : 75189725291
Option 4 ID : 75189725290
Status : Answered
Chosen Option : 1

Q.46 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(21, 225, 9)

(4, 25, 6)

Ans  1. (13, 81, 6)

 2. (11, 18, 7)

 3. (14, 64, 2)

 4. (15, 54, 3)

Question ID : 7518977738

Option 1 ID : 75189730950

Option 2 ID : 75189730949

Option 3 ID : 75189730951

Option 4 ID : 75189730952

Status : Answered

Chosen Option : 3

Q.47 The power of a convex lens of focal length 40 cm is _____.

Ans  1. -2.5 D

 2. 0.25 D

 3. 2.5 D

 4. -0.25 D

Question ID : 7518976637

Option 1 ID : 75189726548

Option 2 ID : 75189726545

Option 3 ID : 75189726547

Option 4 ID : 75189726546

Status : Not Answered

Chosen Option : --

Q.48

Ans  1.

Ratio of areas of two similar triangles = Ratio of squares of corresponding segments obtained by corresponding angle bisectors.

 2.

Ratio of areas of two similar triangles = Ratio of corresponding segments obtained by corresponding angle bisectors.

 3.

Ratio of areas of two similar triangles = Ratio of squares of corresponding medians

 4.

Ratio of areas of two similar triangles = Ratio of squares of corresponding altitudes

Question ID : 7518975990

Option 1 ID : 75189723959

Option 2 ID : 75189723960

Option 3 ID : 75189723958

Option 4 ID : 75189723957

Status : Answered

Chosen Option : 4

Q.49 In a certain code language, 'SUPERIOR' is written as 'SNHSDQTT' and 'STUNNING' is written as 'HOHOOTUT'. How will 'STRATEGY' be written in that language?

Ans  1. ZH DUASUT

 2. TUSZUDHZ

 3. ZH DUZSUT

 4. ZH CUZSUT

Question ID : 7518977674

Option 1 ID : 75189730694

Option 2 ID : 75189730693

Option 3 ID : 75189730695

Option 4 ID : 75189730696

Status : Not Answered

Chosen Option : --

Q.50 $\frac{a^{10} \times b^{-7} \times c^{-4}}{a^{-5} \times b^2 \times c^5}$ in simplified form is:

Ans  1. $a^{15} \times b^9 \times c^9$

 2. $a^5 \times b^{-9} \times c^{-9}$

 3. $a^5 \times b^9 \times c^{-9}$

 4. $a^{15} \times b^{-9} \times c^{-9}$

Question ID : 7518975558

Option 1 ID : 75189722230

Option 2 ID : 75189722232

Option 3 ID : 75189722231

Option 4 ID : 75189722229

Status : Answered

Chosen Option : 4

Q.51

- Ans
- ☒ 1. Chhattisgarh
 - ☒ 2. Jharkhand
 - ☒ 3. Rajasthan
 - ☒ 4. Madhya Pradesh

Question ID : 7518977533
Option 1 ID : 75189730130
Option 2 ID : 75189730131
Option 3 ID : 75189730129
Option 4 ID : 75189730132
Status : Answered
Chosen Option : 3

Q.52 The average of ten numbers is 8. If each number is divided by 2, then find the average of the new set of numbers.

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

Question ID : 7518976109
Option 1 ID : 75189724436
Option 2 ID : 75189724435
Option 3 ID : 75189724433
Option 4 ID : 75189724434
Status : Answered
Chosen Option : 2

Q.53 An object is placed in front of a concave mirror at a distance twice its focal length ($2f$). The image is formed at a distance of:

- Ans
- ☒ 1. $4f$
 - ☒ 2. $1.5f$
 - ☒ 3. $2f$
 - ☒ 4. f

Question ID : 7518976595
Option 1 ID : 75189726380
Option 2 ID : 75189726378
Option 3 ID : 75189726379
Option 4 ID : 75189726377
Status : Not Answered
Chosen Option : --

Q.54

- Ans ☒ 1. B
☒ 2. A
☒ 3. D
☒ 4. C

Question ID : 7518977583

Option 1 ID : 75189730330

Option 2 ID : 75189730329

Option 3 ID : 75189730332

Option 4 ID : 75189730331

Status : Answered

Chosen Option : 1

Q.55 The focal length of a convex mirror is 15 cm. Following New Cartesian Sign Convention, its centre of curvature is located at:

- Ans ☒ 1. 30 cm
☒ 2. -15 cm
☒ 3. 15 cm
☒ 4. -30 cm

Question ID : 7518976580

Option 1 ID : 75189726319

Option 2 ID : 75189726318

Option 3 ID : 75189726317

Option 4 ID : 75189726320

Status : Not Answered

Chosen Option : --

Q.56 Consider two wires, A and B, of same thickness but lengths L and $4L$, respectively. If the resistances of A and B are $0.5\ \Omega$ and $2.0\ \Omega$, respectively, the ratio of the resistivity of A to the resistivity of B is:

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

Question ID : 7518976677

Option 1 ID : 75189726707

Option 2 ID : 75189726708

Option 3 ID : 75189726706

Option 4 ID : 75189726705

Status : Answered

Chosen Option : 4

Q.57

- Ans
- ☒ 1. 10.1
 - ☒ 2. 1.02
 - ☒ 3. 1.01
 - ☒ 4. 101

Question ID : 7518975560
Option 1 ID : 75189722237
Option 2 ID : 75189722239
Option 3 ID : 75189722238
Option 4 ID : 75189722240
Status : Answered
Chosen Option : 3

Q.58 The position of how many letters will remain unchanged if each of the letters in the word COMPUTE is arranged in alphabetical order?

- Ans
- ☒ 1. Two
 - ☒ 2. One
 - ☒ 3. None
 - ☒ 4. Three

Question ID : 7518977345
Option 1 ID : 75189729379
Option 2 ID : 75189729378
Option 3 ID : 75189729377
Option 4 ID : 75189729380
Status : Answered
Chosen Option : 1

Q.59 In the given letter-cluster pairs, the first letter-cluster is related to the second letter-cluster following a certain logic. Study the given pairs carefully, and from the given options, select the pair that follows the same logic.

LUN : PXP

WXP : AAR

- Ans
- ☒ 1. NIB : RLD
 - ☒ 2. NOT : RQV
 - ☒ 3. TIN : XLQ
 - ☒ 4. JUG : NYJ

Question ID : 7518975057
Option 1 ID : 75189720228
Option 2 ID : 75189720227
Option 3 ID : 75189720226
Option 4 ID : 75189720225
Status : Answered
Chosen Option : 1

Q.60

- Ans  1. 14:15 hours
 2. 14:45 hours
 3. 16:15 hours
 4. 16:45 hours

Question ID : **7518976770**
Option 1 ID : **75189727078**
Option 2 ID : **75189727077**
Option 3 ID : **75189727079**
Option 4 ID : **75189727080**
Status : **Answered**
Chosen Option : **3**

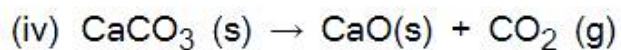
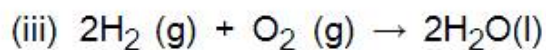
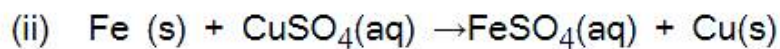
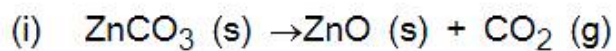
Q.61 Which of the following numbers will replace the question mark (?) in the given series?

11, 20, 23, 44, 47, 92, 95, ?

- Ans  1. 198
 2. 199
 3. 188
 4. 189

Question ID : **7518977384**
Option 1 ID : **75189729534**
Option 2 ID : **75189729536**
Option 3 ID : **75189729535**
Option 4 ID : **75189729533**
Status : **Answered**
Chosen Option : **3**

Q.62 Which of the following is a displacement reaction?



Ans  1. (ii)

 2. (i)

 3. (iii)

 4. (iv)

Question ID : 7518973585

Option 1 ID : 75189714338

Option 2 ID : 75189714337

Option 3 ID : 75189714339

Option 4 ID : 75189714340

Status : Answered

Chosen Option : 1

Q.63 Workers from which of the following sectors produce goods which are NOT tertiary?

Ans  1. Transportation

 2. Communication

 3. Banking

 4. Sugar mill

Question ID : 7518974057

Option 1 ID : 75189716227

Option 2 ID : 75189716228

Option 3 ID : 75189716226

Option 4 ID : 75189716225

Status : Answered

Chosen Option : 4

Q.64

- Ans
- ☒ 1. 80°
 - ☒ 2. 90°
 - ☒ 3. 70°
 - ☒ 4. 50°

Question ID : 7518976381
Option 1 ID : 75189725522
Option 2 ID : 75189725524
Option 3 ID : 75189725523
Option 4 ID : 75189725521

Status : Answered

Chosen Option : 2

Q.65 A trader owes a merchant ₹10,500 due in one year. The trader wants to settle the account after four months. If the rate of interest is 6% per annum, then how much should he pay (rounded off value)?

- Ans
- ☒ 1. ₹11,069
 - ☒ 2. ₹11,096
 - ☒ 3. ₹10,069
 - ☒ 4. ₹10,096

Question ID : 7518975868
Option 1 ID : 75189723471
Option 2 ID : 75189723469
Option 3 ID : 75189723470
Option 4 ID : 75189723472

Status : Answered

Chosen Option : 2

Q.66 Urine is composed of _____ water.

- Ans
- ☒ 1. 83%
 - ☒ 2. 68%
 - ☒ 3. 79%
 - ☒ 4. 95%

Question ID : 7518974393
Option 1 ID : 75189717571
Option 2 ID : 75189717569
Option 3 ID : 75189717570
Option 4 ID : 75189717572

Status : Answered

Chosen Option : 4

Q.67 A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.

Statement:

"If we promote our play in all the local newspapers before the end of this week, we will sell more tickets for our play this weekend." — play director in City D.

Assumptions:

- I. The newspaper companies in City D take less than a week to finalise advertisements and publish them.
- II. Not many people in City D prefer watching plays.

- Ans**
- ✓ 1. Only I can be assumed
 - ✗ 2. Both I and II can be assumed
 - ✗ 3. Neither I nor II can be assumed
 - ✗ 4. Only II can be assumed

Question ID : **7518976763**
Option 1 ID : **75189727049**
Option 2 ID : **75189727051**
Option 3 ID : **75189727052**
Option 4 ID : **75189727050**
Status : **Answered**
Chosen Option : **4**

Q.68 Geetha, Latha and Madhuri's ages are in the ratio 5 : 6 : 3. If their average age is 42 years, then find Latha's age.

- Ans**
- ✓ 1. 54 years
 - ✗ 2. 27 years
 - ✗ 3. 45 years
 - ✗ 4. 35 years

Question ID : **7518975939**
Option 1 ID : **75189723756**
Option 2 ID : **75189723754**
Option 3 ID : **75189723755**
Option 4 ID : **75189723753**
Status : **Answered**
Chosen Option : **1**

Q.69 A certain number of people are sitting in a row, facing north. Only P sits to the left of Q. Only three people sit between T and R. Only three people sit between Q and R. S sits to the immediate right of R. P sits at one of the extreme ends of the row. If no other person is sitting in the row, what is the total number of persons seated?

- Ans**
- ✓ 1. 10
 - ✗ 2. 7
 - ✗ 3. 8
 - ✗ 4. 9

Question ID : **7518974922**
Option 1 ID : **75189719688**
Option 2 ID : **75189719685**
Option 3 ID : **75189719686**
Option 4 ID : **75189719687**
Status : **Not Answered**
Chosen Option : **--**

Q.70

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

Question ID : 7518976730

Option 1 ID : 75189726917

Option 2 ID : 75189726920

Option 3 ID : 75189726918

Option 4 ID : 75189726919

Status : Not Answered

Chosen Option : --

Q.71 Which of the following terms will replace the question mark (?) in the given series to make it logically complete ?

T8, N16, H32, B64, V128, ?

- Ans
- ☒ 1. Q256
 - ☒ 2. P256
 - ☒ 3. P228
 - ☒ 4. P512

Question ID : 7518974973

Option 1 ID : 75189719889

Option 2 ID : 75189719890

Option 3 ID : 75189719891

Option 4 ID : 75189719892

Status : Answered

Chosen Option : 2

Q.72 If the volume of a cylinder is $256\pi \text{ cm}^3$ and the radius of its base is 8 cm, then find the height of the cylinder.

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

Question ID : 7518975972

Option 1 ID : 75189723887

Option 2 ID : 75189723886

Option 3 ID : 75189723888

Option 4 ID : 75189723885

Status : Answered

Chosen Option : 2

Q.73 Consider the below statements and identify the correct answer.

Statement-I: The p in pH stands for 'potenz' in German, meaning power.

Statement-II: On the pH scale we can measure pH generally from 0 to 16.

Ans ☒ 1. Statement-I is true, and Statement-II is false.

☐ 2. Both the statements are true.

☐ 3. Both the statements are false.

☐ 4. Statement-I is false, and Statement-II is true.

Question ID : **7518973631**

Option 1 ID : **75189714523**

Option 2 ID : **75189714521**

Option 3 ID : **75189714522**

Option 4 ID : **75189714524**

Status : **Answered**

Chosen Option : 1

Q.74 The marked price of an article is ₹1,200. The shopkeeper offered two successive discounts of 10% and 5% respectively to a customer. At what price did the customer purchase the article?

Ans ☐ 1. ₹1,062

☒ 2. ₹1,026

☐ 3. ₹1,602

☐ 4. ₹1,206

Question ID : **7518975832**

Option 1 ID : **75189723325**

Option 2 ID : **75189723327**

Option 3 ID : **75189723328**

Option 4 ID : **75189723326**

Status : **Answered**

Chosen Option : 2

Q.75 If the HCF and LCM of two numbers are 7 and 245, respectively, then their product is:

Ans ☐ 1. 1175

☒ 2. 1715

☐ 3. 1751

☐ 4. 1517

Question ID : **7518975818**

Option 1 ID : **75189723271**

Option 2 ID : **75189723269**

Option 3 ID : **75189723272**

Option 4 ID : **75189723270**

Status : **Answered**

Chosen Option : 1

Q.76

- Ans
- ☒ 1. Either K or O
 - ☒ 2. Only O
 - ☒ 3. Only Q
 - ☒ 4. Only K

Question ID : 7518977576

Option 1 ID : 75189730304

Option 2 ID : 75189730303

Option 3 ID : 75189730301

Option 4 ID : 75189730302

Status : Answered

Chosen Option : 1

Q.77 Based on the given statement, four conclusions are drawn. Find out which conclusion is true based on the statement.

Statement: $M \geq D \leq N < J < F = E$

- Ans
- ☒ 1. $M > N$
 - ☒ 2. $N < E$
 - ☒ 3. $E = D$
 - ☒ 4. $F < M$

Question ID : 7518974761

Option 1 ID : 75189719041

Option 2 ID : 75189719043

Option 3 ID : 75189719044

Option 4 ID : 75189719042

Status : Answered

Chosen Option : 2

Q.78 Find the sum of the roots of $\sqrt{2}x^2 - 2\sqrt{5}x + \sqrt{3} = 0$.

- Ans
- ☒ 1. $\sqrt{10}$
 - ☒ 2. $5\sqrt{2}$
 - ☒ 3. $-\sqrt{10}$
 - ☒ 4. $-2\sqrt{5}$

Question ID : 7518975959

Option 1 ID : 75189723834

Option 2 ID : 75189723835

Option 3 ID : 75189723836

Option 4 ID : 75189723833

Status : Answered

Chosen Option : 1

Q.79 Consider the statements below and identify the correct answer.

Statement-I: Isotopes of all elements posed a challenge to Medeleev's periodic law.

Statement-II: No fixed position can be given to hydrogen in the periodic table.

- Ans
- ☒ 1. Statement II is correct, Statement I is incorrect.
 - ☒ 2. Both statements are incorrect.
 - ☒ 3. Both statements are correct.
 - ☒ 4. Statement I is correct, Statement II is incorrect.

Question ID : 7518973715
Option 1 ID : 75189714858
Option 2 ID : 75189714860
Option 3 ID : 75189714859
Option 4 ID : 75189714857
Status : Answered
Chosen Option : 3

Q.80 If X represents the smallest prime number multiplied by 4 and added to the least common multiple of 5 and 10; Y represents the smallest odd prime number multiplied by 5 and added to the 2nd smallest odd prime, then which of the following is true?

- Ans
- ☒ 1. X and Y are equal.
 - ☒ 2. $X + Y = 10$.
 - ☒ 3. X is greater than Y.
 - ☒ 4. The difference of Y and X is 2.

Question ID : 7518975582
Option 1 ID : 75189722327
Option 2 ID : 75189722326
Option 3 ID : 75189722325
Option 4 ID : 75189722328
Status : Answered
Chosen Option : 4

Q.81 Which of the following numbers will replace the question mark (?) in the given series?

65, 90, 107, 116, 121, ?

- Ans
- ☒ 1. 123
 - ☒ 2. 125
 - ☒ 3. 122
 - ☒ 4. 124

Question ID : 7518977725
Option 1 ID : 75189730898
Option 2 ID : 75189730900
Option 3 ID : 75189730897
Option 4 ID : 75189730899
Status : Answered
Chosen Option : 3

Q.82 Six friends, G, H, I, J, K, and L have marriage anniversaries in different months of the same year viz. January, March, July, August, September and December but not necessarily in the same order.

H has an anniversary immediately after K. Only I has an anniversary before G. J has an anniversary in September. Who among them has an anniversary in December?

- Ans
- ☐ 1. H
 - ☐ 2. K
 - ☐ 3. G
 - ☒ 4. L

Question ID : 7518977596

Option 1 ID : 75189730382

Option 2 ID : 75189730384

Option 3 ID : 75189730383

Option 4 ID : 75189730381

Status : Answered

Chosen Option : 4

Q.83 Three wires, A, B and C, of the same length and the same thickness have resistances of $1\ \Omega$, $0.5\ \Omega$ and $0.25\ \Omega$, respectively. Their resistivities are _____.

- Ans
- ☐ 1. in the ratio of 2 : 4 : 1
 - ☐ 2. equal
 - ☒ 3. in the ratio of 4 : 2 : 1
 - ☐ 4. in the ratio of 1 : 2 : 4

Question ID : 7518976679

Option 1 ID : 75189726715

Option 2 ID : 75189726716

Option 3 ID : 75189726713

Option 4 ID : 75189726714

Status : Answered

Chosen Option : 3

Q.84 Which of the following rivers is called the 'Dakshin Ganga'?

- Ans
- ☐ 1. Tapi
 - ☐ 2. Periyar
 - ☐ 3. Narmada
 - ☒ 4. Godavari

Question ID : 7518977545

Option 1 ID : 75189730178

Option 2 ID : 75189730177

Option 3 ID : 75189730179

Option 4 ID : 75189730180

Status : Answered

Chosen Option : 4

Q.85 Refer to the following number series and answer the question.

5 3 6 8 2 6 3 2 8 0 3 8 5 6 7 2 5 0 9 6

How many such odd numbers are there each of which is immediately preceded by an odd number and immediately followed by an even number?

- Ans**
- ☒ 1. None
 - ☒ 2. One
 - ☒ 3. Three
 - ☒ 4. Two

Question ID : **7518977662**

Option 1 ID : **75189730645**

Option 2 ID : **75189730646**

Option 3 ID : **75189730648**

Option 4 ID : **75189730647**

Status : **Answered**

Chosen Option : **2**

Q.86 Which app has been released first time by the Ministry of Education to learn spoken sentences in 22 languages?

- Ans**
- ☒ 1. IEPFA
 - ☒ 2. SARATHI
 - ☒ 3. ENGLISH PRO
 - ☒ 4. Bhasha Sangam

Question ID : **7518974142**

Option 1 ID : **75189716568**

Option 2 ID : **75189716565**

Option 3 ID : **75189716567**

Option 4 ID : **75189716566**

Status : **Answered**

Chosen Option : **4**

Q.87 How many electrons are present in an L-Shell of a carbon atom?

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

Question ID : **7518973385**

Option 1 ID : **75189713538**

Option 2 ID : **75189713539**

Option 3 ID : **75189713540**

Option 4 ID : **75189713537**

Status : **Answered**

Chosen Option : **1**

Q.88

- Ans ☒ 1. 4
☒ 2. 3
☒ 3. 2
☒ 4. 6

Question ID : 7518976170
Option 1 ID : 75189724679
Option 2 ID : 75189724678
Option 3 ID : 75189724677
Option 4 ID : 75189724680
Status : Answered
Chosen Option : 4

Q.89 Which of the following interchanges of numbers would make the given equation correct?

$$7 \times 10 \div 6 + 3 - 2 = 10$$

- Ans ☒ 1. 6, 10
☒ 2. 2, 6
☒ 3. 3, 7
☒ 4. 3, 6

Question ID : 7518977762
Option 1 ID : 75189731047
Option 2 ID : 75189731046
Option 3 ID : 75189731045
Option 4 ID : 75189731048
Status : Answered
Chosen Option : 3

Q.90 Newlands compared his Octave with _____.

- Ans ☒ 1. musical notes
☒ 2. Hindi rhymes
☒ 3. computer language codes
☒ 4. historical events

Question ID : 7518973504
Option 1 ID : 75189714014
Option 2 ID : 75189714016
Option 3 ID : 75189714015
Option 4 ID : 75189714013
Status : Answered
Chosen Option : 1

Q.91

- Ans
- ☒ 1. permanent forest
 - ☒ 2. unclassed forest
 - ☒ 3. reserved forest
 - ☒ 4. protected forest

Question ID : 7518977255

Option 1 ID : 75189729020

Option 2 ID : 75189729019

Option 3 ID : 75189729017

Option 4 ID : 75189729018

Status : Answered

Chosen Option : 3

Q.92 Who plays the role of an intermediary between the state government and the municipal corporation?

- Ans
- ☒ 1. Municipal Commissioner
 - ☒ 2. Aldermen
 - ☒ 3. Municipal Councillors
 - ☒ 4. Mahapaur

Question ID : 7518977287

Option 1 ID : 75189729148

Option 2 ID : 75189729147

Option 3 ID : 75189729145

Option 4 ID : 75189729146

Status : Answered

Chosen Option : 4

Q.93 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:

Few envelopes are papers

All papers are pulps

All pulps are leaves

Conclusions:

(I) Some leaves are papers

(II) Some pulps are papers

(III) All papers are leaves

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

Question ID : 7518977604

Option 1 ID : 75189730414

Option 2 ID : 75189730416

Option 3 ID : 75189730415

Option 4 ID : 75189730413

Status : Answered

Chosen Option : 2

Q.94 In the Union Budget 2022-23, a scheme named PM-DevINE launched to fund infrastructure and social development projects in _____ India.

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

Question ID : 7518976530

Option 1 ID : 75189726119

Option 2 ID : 75189726118

Option 3 ID : 75189726117

Option 4 ID : 75189726120

Status : Answered

Chosen Option : 4

Q.95

- Ans
- ☐ 1. Battle of Saragarhi
 - ☐ 2. Battle of Buxar
 - ☒ 3. Battle of Plassey
 - ☐ 4. Battle of Imphal

Question ID : 7518973991
Option 1 ID : 75189715963
Option 2 ID : 75189715961
Option 3 ID : 75189715964
Option 4 ID : 75189715962

Status : Answered

Chosen Option : 3

Q.96 The owner loses 20% when he sells a plot for ₹19,50,000. At what price must he sell the plot in order to gain a profit of 20%?

- Ans
- ☐ 1. ₹22,50,000
 - ☐ 2. ₹21,00,000
 - ☒ 3. ₹29,25,000
 - ☐ 4. ₹25,95,000

Question ID : 7518976078
Option 1 ID : 75189724310
Option 2 ID : 75189724309
Option 3 ID : 75189724312
Option 4 ID : 75189724311

Status : Answered

Chosen Option : 3

Q.97 For a healthy society, what should be the distribution of males and females in a given population?

- Ans
- ☐ 1. More males than females
 - ☒ 2. Equal number of males and females
 - ☐ 3. More females than males
 - ☐ 4. More aged than young

Question ID : 7518974417
Option 1 ID : 75189717667
Option 2 ID : 75189717665
Option 3 ID : 75189717666
Option 4 ID : 75189717668

Status : Answered

Chosen Option : 2

Q.98

- Ans
- ☐ 1. blood cancer
 - ☐ 2. liver cancer
 - ☐ 3. lung cancer
 - ☒ 4. skin cancer

Question ID : 7518974468

Option 1 ID : 75189717871

Option 2 ID : 75189717872

Option 3 ID : 75189717869

Option 4 ID : 75189717870

Status : Answered

Chosen Option : 4

Q.99 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.

13 : 234 :: 9 : 126 :: 7 : ?

- Ans
- ☐ 1. 126
 - ☐ 2. 98
 - ☒ 3. 84
 - ☐ 4. 106

Question ID : 7518977396

Option 1 ID : 75189729581

Option 2 ID : 75189729582

Option 3 ID : 75189729583

Option 4 ID : 75189729584

Status : Answered

Chosen Option : 1

Q.100 Plaster of Paris is NOT used:

- Ans
- ☐ 1. as building material
 - ☐ 2. for making toys
 - ☐ 3. for supporting fractured bones
 - ☒ 4. for cooking food

Question ID : 7518973486

Option 1 ID : 75189713944

Option 2 ID : 75189713942

Option 3 ID : 75189713941

Option 4 ID : 75189713943

Status : Answered

Chosen Option : 4