



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 1 Patia
Test Date	19/09/2022
Test Time	12:45 PM - 2:15 PM
Subject	Level 1

* Note

Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Which of the following depict the characteristics of the Reserve Bank of India?

- It issues the currency of the country.
- It controls money supply of the country through various methods.
- It acts as a banker to the government.
- It accepts deposits from the public and lends out part of these funds to those who want to borrow.

- Ans
1. A, B and D
 2. A, B and C
 3. B, C and D
 4. A, C and D

Question ID : 7518974238
Option 1 ID : 75189716949
Option 2 ID : 75189716952
Option 3 ID : 75189716950
Option 4 ID : 75189716951

Status : Answered

Chosen Option : 2

Q.2 Name the physico-chemical process by which plants convert light energy into chemical energy.

- Ans
1. Physico-chemical conversions
 2. Physical synthesis
 3. Photosynthesis
 4. Starch synthesis

Question ID : 7518977790
Option 1 ID : 75189731158
Option 2 ID : 75189731157
Option 3 ID : 75189731159
Option 4 ID : 75189731160

Status : Answered

Chosen Option : 3

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Q.3 This question is based on the five, four-digit numbers given below.
(Left) 6338 5345 4127 7253 6176 (Right)
(Example: 697 – first digit = 6, second digit = 9, third digit = 7)
(NOTE: All operations to be done from left to right)
If 3 is subtracted from the first digit of every number, in how many numbers will the first digit be exactly divisible by 3?

- Ans**
- 1. Four
 - 2. Three
 - 3. Five
 - 4. Two

Question ID : 75189711558
Option 1 ID : 75189746231
Option 2 ID : 75189746230
Option 3 ID : 75189746232
Option 4 ID : 75189746229
Status : Answered
Chosen Option : 4

Q.4 Why should plastic cups be replaced by paper cups for selling tea in public places?

- Ans**
- 1. Paper cups are stronger
 - 2. Plastic cups are cheaper
 - 3. Paper cups keep things safe
 - 4. Paper cups are biodegradable

Question ID : 7518974678
Option 1 ID : 75189718711
Option 2 ID : 75189718709
Option 3 ID : 75189718712
Option 4 ID : 75189718710
Status : Answered
Chosen Option : 4

Q.5 Refer to the following number series and answer the question.

(Left) 7 5 3 3 9 1 4 6 2 7 8 3 7 5 6 8 9 1 3 9 5 3 (Right)

Find the sum of all the odd numbers in the above number series.

- Ans**
- 1. 90
 - 2. 80
 - 3. 70
 - 4. 100

Question ID : 75189711543
Option 1 ID : 75189746170
Option 2 ID : 75189746171
Option 3 ID : 75189746172
Option 4 ID : 75189746169
Status : Answered
Chosen Option : 2

Q.6 Which of the following statement is INCORRECT?

- Ans
- 1. Sex is determined by different factors in various species.
 - 2. Animals, such as snails, individuals can change sex.
 - 3. All human chromosomes are not paired.
 - 4. All children will inherit a Y chromosome from their mother.

Question ID : 75189710249
Option 1 ID : 75189740993
Option 2 ID : 75189740996
Option 3 ID : 75189740994
Option 4 ID : 75189740995
Status : Answered
Chosen Option : 4

Q.7 Which of the following compounds is used as a raw material for making plaster of Paris?

- Ans
- 1. $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$
 - 2. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$
 - 3. $\text{CuSO}_4 \cdot 2\text{H}_2\text{O}$
 - 4. $\text{MgSO}_4 \cdot 2\text{H}_2\text{O}$

Question ID : 75189711909
Option 1 ID : 75189747635
Option 2 ID : 75189747633
Option 3 ID : 75189747634
Option 4 ID : 75189747636
Status : Answered
Chosen Option : 2

Q.8 Sakshi got 18th rank from the top and Ravina got 13th rank from the bottom. Only three students have rank in between the ranks of Sakshi and Ravina. Sakshi got higher rank than Ravina. Find the number of students in the class.

- Ans
- 1. 35
 - 2. 32
 - 3. 34
 - 4. 33

Question ID : 75189710746
Option 1 ID : 75189742983
Option 2 ID : 75189742984
Option 3 ID : 75189742982
Option 4 ID : 75189742981
Status : Answered
Chosen Option : 3

Q.9 A student measured the magnification of a spherical lens and a spherical mirror. He found that both are +3.0. He would conclude that:

- Ans
- 1. the lens and the mirror both are convex
 - 2. the lens and the mirror both are concave
 - 3. the lens is concave but the mirror is convex
 - 4. the lens is convex but the mirror is concave

Question ID : 75189711286
Option 1 ID : 75189745142
Option 2 ID : 75189745141
Option 3 ID : 75189745143
Option 4 ID : 75189745144
Status : Answered
Chosen Option : 1

Q.10 The equation $(x + 1)^3 - (x - 1)^3 = 0$ is:

- Ans
- 1. a linear equation with real roots
 - 2. a quadratic equation with real roots
 - 3. a quadratic equation with non-real roots
 - 4. a linear equation with non-real roots

Question ID : 75189711794
Option 1 ID : 75189747175
Option 2 ID : 75189747173
Option 3 ID : 75189747174
Option 4 ID : 75189747176
Status : Answered
Chosen Option : 3

Q.11 Which of the following lies under the jurisdiction of the Central Government?

- Ans
- 1. Cantonment Board
 - 2. Municipal Board
 - 3. District Board
 - 4. Town Area

Question ID : 75189712170
Option 1 ID : 75189748679
Option 2 ID : 75189748678
Option 3 ID : 75189748677
Option 4 ID : 75189748680
Status : Answered
Chosen Option : 1

Q.12 When you put a plant cell, fungal cell or a bacterial cell in a very dilute external medium, the plant cell or fungal cell will absorb water but will not burst, whereas an animal cell will burst. Which part of the plant cell helps it to withstand the pressure of incoming water?

- Ans**
- 1. Cell wall
 - 2. Plasma membrane
 - 3. Cytoplasm
 - 4. Nucleus

Question ID : 7518974517
Option 1 ID : 75189718066
Option 2 ID : 75189718065
Option 3 ID : 75189718068
Option 4 ID : 75189718067
Status : Answered
Chosen Option : 1

Q.13 If the induced EMF in the coil of a conductor of resistance $10\ \Omega$ is $-2\ \text{V}$, then the induced current in the coil is:

- Ans**
- 1. $-0.2\ \text{A}$
 - 2. $2\ \text{A}$
 - 3. $0.2\ \text{A}$
 - 4. $-2\ \text{A}$

Question ID : 75189711179
Option 1 ID : 75189744716
Option 2 ID : 75189744715
Option 3 ID : 75189744713
Option 4 ID : 75189744714
Status : Answered
Chosen Option : 1

Q.14 The Bhakhra Nangal dam is built on which river?

- Ans**
- 1. Godavari
 - 2. Brahmaputra
 - 3. Jhelum
 - 4. Sutlej

Question ID : 75189712158
Option 1 ID : 75189748629
Option 2 ID : 75189748630
Option 3 ID : 75189748632
Option 4 ID : 75189748631
Status : Answered
Chosen Option : 4

Q.15 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: $K \geq L > T \geq Z > V \leq X < R$

- Ans**
- 1. $L > Z > V$
 - 2. $K \geq T > Z$
 - 3. $X = T = K$
 - 4. $R > V > K$

Question ID : 7518978227

Option 1 ID : 75189732907

Option 2 ID : 75189732905

Option 3 ID : 75189732908

Option 4 ID : 75189732906

Status : Answered

Chosen Option : 1

Q.16 Which of the following is the least reactive metal in the reactivity series?

- Ans**
- 1. Au
 - 2. Ag
 - 3. Hg
 - 4. Cu

Question ID : 7518979665

Option 1 ID : 75189738659

Option 2 ID : 75189738658

Option 3 ID : 75189738660

Option 4 ID : 75189738657

Status : Answered

Chosen Option : 1

Q.17 A father is four times as old as his son. After 10 years the father's age will be 2.5 times that of his son. Find the son's present age.

- Ans**
- 1. 60 years
 - 2. 40 years
 - 3. 10 years
 - 4. 15 years

Question ID : 75189711791

Option 1 ID : 75189747164

Option 2 ID : 75189747161

Option 3 ID : 75189747162

Option 4 ID : 75189747163

Status : Answered

Chosen Option : 3

Q.18 The circum-centre of a triangle is the:

- Ans
- ✓ 1. point of concurrence of perpendicular bisectors of its sides
 - ✗ 2. point of concurrence of its medians
 - ✗ 3. point of concurrence of bisectors of angles
 - ✗ 4. point of concurrence of its altitudes

Question ID : 75189711823
 Option 1 ID : 75189747292
 Option 2 ID : 75189747290
 Option 3 ID : 75189747291
 Option 4 ID : 75189747289
 Status : Marked For Review
 Chosen Option : 1

Q.19 ଏହି ପ୍ରଶ୍ନରେ, ନିମ୍ନରେ ଦିଆଯାଇଥିବା ସାରଣୀ ଏବଂ ତା'ପରେ ଆସୁଥିବା ସର୍ବାବଳୀ ଅନୁଯାୟୀ ଅକ୍ଷର ବ୍ୟବହାର କରି ସଂଖ୍ୟା/ପ୍ରତୀକର ଏକ ସମୂହକୁ କୋଡ୍‌ବଦ୍ଧ କରାଯାଇଛି । ସର୍ବାବଳୀ ଅନୁଯାୟୀ କୋଡ୍‌ର ସଠିକ୍ ସଂଯୋଜନ ନୁହେଁ ଭଲ ହେବ ।

ସଂଖ୍ୟା/ପ୍ରତୀକ	6	8	4	+	5	#	%	2	\$	1	^	7	9	*	@
କୋଡ୍	S	U	T	W	N	P	V	D	A	Z	J	M	O	M	Y

- ସର୍ବାବଳୀ :
- (i) ଯଦି ପ୍ରଥମ ଓ ଶେଷ ଉପାଦାନଗୁଡ଼ିକ ସଂଖ୍ୟା ହୁଅନ୍ତି ତେବେ ଶେଷ ଉପାଦାନଟି ପ୍ରତୀକ @ ଥିବା ପ୍ରତିରୂପିତ ହେବ ।
 - (ii) ଯଦି ପ୍ରଥମ ଉପାଦାନଟି ଯୋଗ୍ୟ ପ୍ରତୀକ ହୁଏ ତେବେ ପ୍ରଥମ ଉପାଦାନଟି @ ଭାବରେ କୋଡ୍‌ବଦ୍ଧ ହେବ ।
 - (iii) ଯଦି ଉଭୟ ପ୍ରଥମ ଓ ଦ୍ୱିତୀୟ ଉପାଦାନ ସଂଖ୍ୟା ହୁଅନ୍ତି ଏବଂ ତୃତୀୟ ଉପାଦାନଟି * ଭାବରେ କୋଡ୍‌ବଦ୍ଧ ହେବ ।

%567@ ର କୋଡ୍ କଣ ହେବ?

- Ans
- ✗ 1. YMSN@
 - ✗ 2. AYNSM
 - ✓ 3. @NSMY
 - ✗ 4. NSMYV

Question ID : 75189711575
 Option 1 ID : 75189746298
 Option 2 ID : 75189746299
 Option 3 ID : 75189746297
 Option 4 ID : 75189746300
 Status : Answered
 Chosen Option : 3

Q.20 Which agency coordinates with various federal and state government agencies and departments to collect and compile the data required to calculate the GDP in India?

- Ans
- ✓ 1. National Statistical Office
 - ✗ 2. Ministry of Commerce and Industry
 - ✗ 3. Reserve Bank of India
 - ✗ 4. Indian Statistical Institute

Question ID : 7518974227
 Option 1 ID : 75189716908
 Option 2 ID : 75189716905
 Option 3 ID : 75189716906
 Option 4 ID : 75189716907
 Status : Answered
 Chosen Option : 1

Q.21 The words Socialist, Secular and Integrity were added in the preamble of Indian Constitution by which amendment?

- Ans
- 1. 52nd
 - 2. 44th
 - 3. 42nd
 - 4. 72nd

Question ID : 7518977550
 Option 1 ID : 75189730200
 Option 2 ID : 75189730198
 Option 3 ID : 75189730199
 Option 4 ID : 75189730197
 Status : Answered
 Chosen Option : 3

Q.22 If $x + \frac{1}{x} = 8$, then the value of $x^3 + \frac{1}{x^3}$ is:

- Ans
- 1. 388
 - 2. 688
 - 3. 588
 - 4. 488

Question ID : 7518978734
 Option 1 ID : 75189734936
 Option 2 ID : 75189734933
 Option 3 ID : 75189734934
 Option 4 ID : 75189734935
 Status : Answered
 Chosen Option : 4

Q.23 एक कथन और उसके बाद दो धारणाएं I और II दी गई हैं। आपको कथन में दी गई जानकारी को सत्य मानते हुए यह बताना है कि दी गई धारणाओं में से कौन सी कथन में निहित हैं?

कथन:

कबीस जयंती वर्ष मनाने हेतु आयोजित एक कला प्रदर्शनी, गर्मियों में एक महीने तक लगी रहेगी, और यह जनता के लिए खुली रहेगी।

धारणाएं:

- I. कलाकृतियां रानी के जीवन और उनकी विरासत के इर्द-गिर्द केंद्रित हैं।
- II. प्रदर्शनी में भाग लेना, सभी के लिए निःशुल्क है।

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

Question ID : 75189711700
 Option 1 ID : 75189746798
 Option 2 ID : 75189746800
 Option 3 ID : 75189746797
 Option 4 ID : 75189746799
 Status : Answered
 Chosen Option : 3

Q.24 Which of the following methods is used to prevent STDs to some extent?

- Ans
- 1. Tubectomy
 - 2. Copper-T
 - 3. Vasectomy
 - 4. Condoms

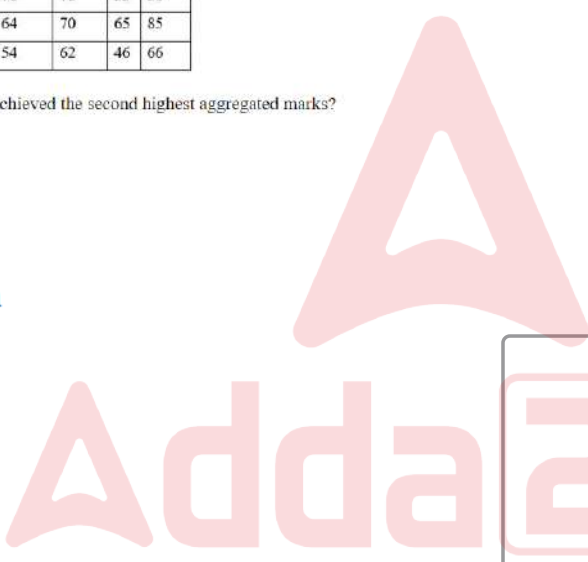
Question ID : 75189710225
 Option 1 ID : 75189740898
 Option 2 ID : 75189740899
 Option 3 ID : 75189740897
 Option 4 ID : 75189740900
 Status : Answered
 Chosen Option : 4

Q.25 Following table shows the marks of five students in 5 different subjects in a school examination. Each subject carries a maximum of 100 marks. Study the table and answer the question.

Students \ Subject	Rohan	Mohan	Radha	Ali	Johan
Mathematics	70	88	70	90	95
Statistics	74	78	75	70	85
Hindi	65	78	76	53	50
English	60	64	70	65	85
Social Science	58	54	62	46	66

Who among them has achieved the second highest aggregated marks?

- Ans
- 1. Radha
 - 2. Rohan
 - 3. Johan
 - 4. Mohan



Question ID : 75189711410
 Option 1 ID : 75189745638
 Option 2 ID : 75189745640
 Option 3 ID : 75189745637
 Option 4 ID : 75189745639
 Status : Answered
 Chosen Option : 4

Q.26 All 30 students of a class are standing in a straight row facing the north. Komal is 8th from the right end while Priya is 14th from the left end. How many students are standing between Komal and Priya?

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

Question ID : 75189710977
 Option 1 ID : 75189743907
 Option 2 ID : 75189743905
 Option 3 ID : 75189743906
 Option 4 ID : 75189743908
 Status : Answered
 Chosen Option : 1

Q.27 A ball of diameter 10 cm is placed at a distance of 40 cm in front of a lens with a power of +5.0 D. The diameter of the image of the ball will be:

- Ans**
- 1. 10 cm
 - 2. 8 cm
 - 3. 12 cm
 - 4. 6 cm

Question ID : 75189711292
Option 1 ID : 75189745167
Option 2 ID : 75189745166
Option 3 ID : 75189745168
Option 4 ID : 75189745165
Status : Not Answered
Chosen Option : --

Q.28 The following observations are arranged in ascending order.

29, 32, 48, 50, x , $x + 2$, 72, 78, 84, 95

If the median is 63, then the value of x is:

- Ans**
- 1. 50
 - 2. 31
 - 3. 62
 - 4. 63

Question ID : 75189711768
Option 1 ID : 75189747072
Option 2 ID : 75189747070
Option 3 ID : 75189747069
Option 4 ID : 75189747071
Status : Answered
Chosen Option : 3

Q.29 If three taps are opened together, a tank is filled in 12 hrs. One of the taps can fill it in 10 hrs and another in 15 hrs, whereas the third pipe is a drainpipe that empties the tank. In how much time can the third pipe can empty the filled tank when no other pipe is open?

- Ans**
- 1. 9 hrs
 - 2. 10 hrs
 - 3. 11 hrs
 - 4. 12 hrs

Question ID : 75189711762
Option 1 ID : 75189747048
Option 2 ID : 75189747047
Option 3 ID : 75189747045
Option 4 ID : 75189747046
Status : Answered
Chosen Option : 4

Q.30 The correct relation between v , u , and f for a spherical mirror is:

- Ans
- 1. $\frac{1}{f} = \frac{1}{v} - \frac{1}{u}$
 - 2. $v = u + f$
 - 3. $\frac{1}{f} + \frac{1}{u} = \frac{1}{v}$
 - 4. $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$

Question ID : 7518979489
Option 1 ID : 75189737954
Option 2 ID : 75189737953
Option 3 ID : 75189737956
Option 4 ID : 75189737955
Status : Answered
Chosen Option : 1

Q.31 Who is the Chairperson of the National Commission for Women as on 1 April 2022?

- Ans
- 1. Mohini Giri
 - 2. Swati Maliwal
 - 3. Jayanti Patnaik
 - 4. Rekha Sharma

Question ID : 75189712121
Option 1 ID : 75189748481
Option 2 ID : 75189748483
Option 3 ID : 75189748484
Option 4 ID : 75189748482
Status : Answered
Chosen Option : 3

Q.32 Find the scale with the greatest possible length which can measure poles of length 3 m 96 cm, 5m 28 cm, and 7 m 92 cm exact number of times.

- Ans
- 1. 3 m 21 cm
 - 2. 33 cm
 - 3. 66 cm
 - 4. 1 m 32 cm

Question ID : 75189712014
Option 1 ID : 75189748054
Option 2 ID : 75189748056
Option 3 ID : 75189748055
Option 4 ID : 75189748053
Status : Answered
Chosen Option : 4

Q.33 The HCF and the LCM of two numbers are 15 and 300, respectively. If the difference of the two numbers is 15, find the sum of those two numbers.

- Ans**
- 1. 130
 - 2. 140
 - 3. 135
 - 4. 145

Question ID : 75189711727
Option 1 ID : 75189746907
Option 2 ID : 75189746906
Option 3 ID : 75189746905
Option 4 ID : 75189746908
Status : Not Answered
Chosen Option : --

Q.34 Out of the following options, which is the best strategy to avoid acquiring HIV?

- Ans**
- 1. Simply by avoiding sex with people who have AIDS
 - 2. Only avoid sex with drug addicts
 - 3. Only restrict sex with prostitutes
 - 4. Restrict sex to a single known healthy person

Question ID : 75189710115
Option 1 ID : 75189740457
Option 2 ID : 75189740459
Option 3 ID : 75189740458
Option 4 ID : 75189740460
Status : Answered
Chosen Option : 1

Q.35 This question is based on the following 3-letter words.

AID, BAD, CAT, DOG, EAT

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words (not necessarily meaningful) thus formed will have no vowel?

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

Question ID : 7518979849
Option 1 ID : 75189739395
Option 2 ID : 75189739394
Option 3 ID : 75189739393
Option 4 ID : 75189739396
Status : Answered
Chosen Option : 4

Q.36 In a certain code language, 'LALIT' is written as 'ODOLW' and 'MOHIT' is written as 'PRKLW'. How will 'SUMIT' be written in that code language?

- Ans**
- 1. VXLPW
 - 2. XVPWL
 - 3. LPWVX
 - 4. VXPLW

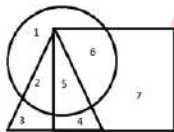
Question ID : 75189711566
 Option 1 ID : 75189746261
 Option 2 ID : 75189746264
 Option 3 ID : 75189746263
 Option 4 ID : 75189746262
 Status : Answered
 Chosen Option : 4

Q.37 The registry of The Supreme Court is headed by who among the following?

- Ans**
- 1. President
 - 2. Chief Justice of India
 - 3. Secretary General
 - 4. Attorney General

Question ID : 7518973932
 Option 1 ID : 75189715727
 Option 2 ID : 75189715728
 Option 3 ID : 75189715725
 Option 4 ID : 75189715726
 Status : Answered
 Chosen Option : 2

Q.38 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. 'Hindi speakers' are represented by the circle, 'Urdu speakers' are represented by the square, and 'Tamil speakers' are represented by the triangle. How many people can speak all the three languages?



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

Question ID : 75189711484
 Option 1 ID : 75189745934
 Option 2 ID : 75189745933
 Option 3 ID : 75189745935
 Option 4 ID : 75189745936
 Status : Answered
 Chosen Option : 4

Q.39 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

A3E7S21 : IC5G19U :: B4I11U23 : 2D9K21W :: C5H10L14 : ?

- Ans**
- 1. 3E8J13O
 - 2. 3E8J13N
 - 3. 3E8J12O
 - 4. 3E8J12N

Question ID : 7518978028
Option 1 ID : 75189732111
Option 2 ID : 75189732110
Option 3 ID : 75189732109
Option 4 ID : 75189732112
Status : Answered
Chosen Option : 2

Q.40 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. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

62 : 50 :: 72 : 60 :: 82 : ?

- Ans**
- 1. 72
 - 2. 70
 - 3. 74
 - 4. 76

Question ID : 75189711616
Option 1 ID : 75189746462
Option 2 ID : 75189746461
Option 3 ID : 75189746463
Option 4 ID : 75189746464
Status : Answered
Chosen Option : 2

Q.41 In July 2022, the 17th campus of the National Institute of Fashion Technology (NIFT) was inaugurated by the Union Textile Minister Sri Piyush Goyal at which place?

- Ans**
- 1. Rae Bareli
 - 2. Shillong
 - 3. Panchkula
 - 4. Patna

Question ID : 7518976787
Option 1 ID : 75189727148
Option 2 ID : 75189727147
Option 3 ID : 75189727146
Option 4 ID : 75189727145
Status : Not Answered
Chosen Option : --

Q.42 Which of the following is the general formula of alkene?

- Ans
- 1. C_nH_{2n+2}
 - 2. C_nH_{2n+4}
 - 3. C_nH_{2n}
 - 4. C_nH_{2n-2}

Question ID : 75189711856
Option 1 ID : 75189747421
Option 2 ID : 75189747424
Option 3 ID : 75189747422
Option 4 ID : 75189747423
Status : Answered
Chosen Option : 3

Q.43 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?

$$160 \times 8 - 22 \times 11 \div 180 \times 6 - 4 = ?$$

- Ans
- 1. 94
 - 2. 74
 - 3. 64
 - 4. 84

Question ID : 75189711646
Option 1 ID : 75189746584
Option 2 ID : 75189746582
Option 3 ID : 75189746581
Option 4 ID : 75189746583
Status : Answered
Chosen Option : 4

Q.44 Who gave the concept of the Grameen Bank Model, which has inspired the creation of Regional Rural Banks (RRBs) in India?

- Ans
- 1. Abdul Hamid
 - 2. Muhammad Yunus
 - 3. Rejwan Ahammad Taufiq
 - 4. Ziaur Rahman

Question ID : 75189710572
Option 1 ID : 75189742287
Option 2 ID : 75189742288
Option 3 ID : 75189742286
Option 4 ID : 75189742285
Status : Not Answered
Chosen Option : --

Q.45 Metals are electropositive in nature.

Which of the following is the correct explanation for the given assertion?

- Ans
- 1. Metals lose electrons to form cations.
 - 2. Metals gain electrons to form cations.
 - 3. Metals gain electrons to form anions.
 - 4. Metals lose electrons to form anions.

Question ID : 75189711943
Option 1 ID : 75189747772
Option 2 ID : 75189747771
Option 3 ID : 75189747770
Option 4 ID : 75189747769
Status : Answered
Chosen Option : 1

Q.46 A watch passes through three hands and each gains 25%. If the third seller sells the watch for ₹1,250, the cost price of the watch to the first seller is:

- Ans
- 1. ₹640
 - 2. ₹740
 - 3. ₹540
 - 4. ₹840

Question ID : 75189711751
Option 1 ID : 75189747003
Option 2 ID : 75189747002
Option 3 ID : 75189747001
Option 4 ID : 75189747004
Status : Answered
Chosen Option : 1

Q.47 The area (in cm^2) of a triangle, the lengths of whose sides are 5 cm, 7 cm and 8 cm, is _____.

- Ans
- 1. 280
 - 2. $60\sqrt{3}$
 - 3. 140
 - 4. $10\sqrt{3}$

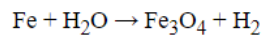
Question ID : 75189711978
Option 1 ID : 75189747909
Option 2 ID : 75189747912
Option 3 ID : 75189747910
Option 4 ID : 75189747911
Status : Answered
Chosen Option : 4

Q.48 Aakash starts from Point O and drives 3 km towards the north. He then takes a right turn, drives 5 km, turns right and drives 10 km. He then takes a right turn and drives 5 km. He takes a final right turn, drives 3 km and stops at Point Z. How far and towards which direction should he drive in order to reach Point O from Point Z? (All turns are 90 degree turns only)

- Ans**
- ✓ 1. 4 km towards the north
 - ✗ 2. 2 km towards the east
 - ✗ 3. 2 km towards the west
 - ✗ 4. 3 km towards the east

Question ID : 7518979864
Option 1 ID : 75189739453
Option 2 ID : 75189739454
Option 3 ID : 75189739456
Option 4 ID : 75189739455
Status : Answered
Chosen Option : 1

Q.49 Which of the following is the correct balanced equation for the given chemical reaction?



- Ans**
- ✗ 1. $\text{Fe}(\text{s}) + 4\text{H}_2\text{O}(\text{g}) \rightarrow \text{Fe}_3\text{O}_4(\text{s}) + 2\text{H}_2(\text{g})$
 - ✗ 2. $3\text{Fe}(\text{s}) + \text{H}_2\text{O}(\text{g}) \rightarrow 3\text{Fe}_3\text{O}_4(\text{s}) + \text{H}_2(\text{g})$
 - ✗ 3. $\text{Fe}(\text{s}) + 4\text{H}_2\text{O}(\text{g}) \rightarrow 3\text{Fe}_3\text{O}_4(\text{s}) + \text{H}_2(\text{g})$
 - ✓ 4. $3\text{Fe}(\text{s}) + 4\text{H}_2\text{O}(\text{g}) \rightarrow \text{Fe}_3\text{O}_4(\text{s}) + 4\text{H}_2(\text{g})$

Question ID : 75189711861
Option 1 ID : 75189747442
Option 2 ID : 75189747443
Option 3 ID : 75189747444
Option 4 ID : 75189747441
Status : Answered
Chosen Option : 4

Q.50 Who among the following was widely remembered for hoisting the Indian National flag at the Gowalia Tank maidan, Bombay during a Quit India Movement in 1942?

- Ans**
- ✓ 1. Aruna Asaf Ali
 - ✗ 2. Velu Nachiyar
 - ✗ 3. Rani Gaidinliu
 - ✗ 4. Durgavati Devi

Question ID : 7518978846
Option 1 ID : 75189735381
Option 2 ID : 75189735384
Option 3 ID : 75189735383
Option 4 ID : 75189735382
Status : Answered
Chosen Option : 1

Q.51 If α, β are the roots of $px^2 + qx + r = 0$, then $\alpha^2 + \beta^2 =$ _____.

- Ans
- 1. $\frac{q^2 + 2pr}{p^2}$
 - 2. $\frac{q^2 - 2pr}{p^2}$
 - 3. $2pq$
 - 4. $-2pq$

Question ID : 75189711976
Option 1 ID : 75189747903
Option 2 ID : 75189747902
Option 3 ID : 75189747901
Option 4 ID : 75189747904
Status : Answered
Chosen Option : 2

Q.52 The Ancient Indian Epic '_____' stands as the longest epic poem known, and has been described as 'the longest poem ever written'.

- Ans
- 1. The Ramayana
 - 2. The Mahabharata
 - 3. The Buddhacharita
 - 4. The Bhagawad Gita

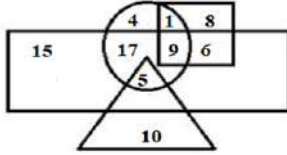
Question ID : 75189710448
Option 1 ID : 75189741789
Option 2 ID : 75189741790
Option 3 ID : 75189741792
Option 4 ID : 75189741791
Status : Answered
Chosen Option : 2

Q.53 Tata Iron and Steel Company (TISCO) was incorporated in which of the following years?

- Ans
- 1. 1906
 - 2. 1905
 - 3. 1907
 - 4. 1908

Question ID : 7518974247
Option 1 ID : 75189716986
Option 2 ID : 75189716985
Option 3 ID : 75189716987
Option 4 ID : 75189716988
Status : Answered
Chosen Option : 3

Q.54 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The triangle represents 'motivational speakers', the circle represents 'women', the square represents 'scientists', and the rectangle represents 'married'. Find the number of married women who are scientists but NOT motivational speakers.



- Ans**
- 1. 6
 - 2. 17
 - 3. 5
 - 4. 9

Question ID : 75189711485
 Option 1 ID : 75189745938
 Option 2 ID : 75189745937
 Option 3 ID : 75189745940
 Option 4 ID : 75189745939
 Status : Answered
 Chosen Option : 4

Q.55 The correct relation between ρ, R, l and A is:

- Ans**
- 1. $\rho = \frac{Rl}{A}$
 - 2. $R = \rho l A$
 - 3. $\rho = \frac{RA}{l}$
 - 4. $R = \frac{\rho A}{l}$

Question ID : 7518979551
 Option 1 ID : 75189738202
 Option 2 ID : 75189738201
 Option 3 ID : 75189738203
 Option 4 ID : 75189738204
 Status : Answered
 Chosen Option : 4

Q.56 If the curved surface area of a solid right circular cylinder is 2310 cm^2 and its radius of base is 21 cm, then the total surface area (in cm^2) of the given cylinder is _____.

(Take $\pi = \frac{22}{7}$)

- Ans**
- 1. 5082
 - 2. 3696
 - 3. 4250
 - 4. 5892

Question ID : 75189711986
 Option 1 ID : 75189747942
 Option 2 ID : 75189747941
 Option 3 ID : 75189747943
 Option 4 ID : 75189747944
 Status : Answered
 Chosen Option : 1

Q.57 Who among the following was first to find that every eighth element had properties similar to that of the first element?

- Ans**
- 1. John Newlands
 - 2. Johann Wolfgang Döbereiner
 - 3. Dmitri Ivanovich Mendeléeev
 - 4. Henry Moseley

Question ID : 75189711921
Option 1 ID : 75189747683
Option 2 ID : 75189747682
Option 3 ID : 75189747681
Option 4 ID : 75189747684
Status : Answered
Chosen Option : 1

Q.58 If all the directions are moved 135 degrees clockwise, then which new direction does the original south point to?

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

Question ID : 75189711415
Option 1 ID : 75189745660
Option 2 ID : 75189745659
Option 3 ID : 75189745658
Option 4 ID : 75189745657
Status : Answered
Chosen Option : 4

Q.59 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

WXN13, UVL19, STJ25, QRH31, ?

- Ans**
- 1. FPO37
 - 2. OPF37
 - 3. PFO36
 - 4. OFP27

Question ID : 7518979837
Option 1 ID : 75189739348
Option 2 ID : 75189739345
Option 3 ID : 75189739347
Option 4 ID : 75189739346
Status : Answered
Chosen Option : 2

Q.60 If $a \sec A + b \tan A + c = 0$ and $a' \sec A + b' \tan A + c' = 0$, then $(bc' - b'c)^2 - (ca' - c'a)^2$ is equal to:

- Ans
- 1. $(ab + a'b')^2$
 - 2. $(a'b + ab')^2$
 - 3. $(ab - a'b')^2$
 - 4. $(ab' - a'b)^2$

Question ID : 75189711835

Option 1 ID : 75189747339

Option 2 ID : 75189747338

Option 3 ID : 75189747340

Option 4 ID : 75189747337

Status : Not Answered

Chosen Option : --

Q.61 The value of $216^{\frac{2}{3}} + \frac{1}{256^{-\frac{3}{4}}} + 32^{\frac{1}{5}} - \frac{1}{10^{-2}} - 2$ is _____.

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

Question ID : 75189711946

Option 1 ID : 75189747783

Option 2 ID : 75189747784

Option 3 ID : 75189747781

Option 4 ID : 75189747782

Status : Answered

Chosen Option : 3

Q.62 If $a^2 - 4a + 1 = 0$, find $a^2 + \frac{1}{a^2}$.

- Ans
- 1. 14
 - 2. 16
 - 3. 18
 - 4. 12

Question ID : 75189711401

Option 1 ID : 75189745602

Option 2 ID : 75189745603

Option 3 ID : 75189745604

Option 4 ID : 75189745601

Status : Answered

Chosen Option : 1

Q.63 Eight politicians, Prudhvi, Samrat, Rajesh, Unadkat, Narayan, Vimal, Tapsvi and Wazid, are standing in a straight line facing north, but not necessarily in the same order. Rajesh and Wazid are the immediate neighbours of Samrat. Vimal is an immediate neighbour of Unadkat and Wazid. Tapasvi and Narayan are the immediate neighbours of Prudhvi. Neither Tapasvi nor Rajesh is at the extreme ends of the line. Unadkat is somewhere to the right of Tapasvi.

Who among the following is standing second to the right of Prudhvi?

- Ans**
- 1. Wazid
 - 2. Tapasvi
 - 3. Vimal
 - 4. Rajesh

Question ID : 75189711437

Option 1 ID : 75189745747

Option 2 ID : 75189745745

Option 3 ID : 75189745748

Option 4 ID : 75189745746

Status : Answered

Chosen Option : 4

Q.64 Seven friends, Monika, Janak, Pawan, Lokesh, Rupesh, Sohan and Anand, are sitting in a straight line facing north but not necessarily in the same order. Anand is sitting to the immediate right of Rupesh. Rupesh is sitting fourth to the right of Sohan. Pawan is an immediate neighbour of Janak and Lokesh. Lokesh is third to the right of Sohan, who is sitting at one of ends.

What is the position of Monika with respect to Lokesh?

- Ans**
- 1. Third to the right
 - 2. Immediate neighbour
 - 3. Third to the left
 - 4. Second to the left

Question ID : 75189711432

Option 1 ID : 75189745728

Option 2 ID : 75189745725

Option 3 ID : 75189745726

Option 4 ID : 75189745727

Status : Answered

Chosen Option : 1

Q.65 Where was the latest Regional Centre of the Sports Authority of India opened on 2 November 2020?

- Ans**
- 1. Sonipat
 - 2. Bhopal
 - 3. Imphal
 - 4. Zirakpur

Question ID : 75189712120

Option 1 ID : 75189748478

Option 2 ID : 75189748480

Option 3 ID : 75189748479

Option 4 ID : 75189748477

Status : Not Answered

Chosen Option : --

Q.66 The part of the Himalayas lying between Satluj and Kali rivers is known as:

- Ans
- 1. Assam Himalayas
 - 2. Purvanchal
 - 3. Kumaun Himalayas
 - 4. Nepal Himalayas

Question ID : 7518979430
 Option 1 ID : 75189737718
 Option 2 ID : 75189737717
 Option 3 ID : 75189737720
 Option 4 ID : 75189737719
 Status : Answered
 Chosen Option : 4

Q.67 If $a = \frac{x}{2x + y + z} = \frac{y}{x + 2y + z} = \frac{z}{x + y + 2z}$, then find the value of a.

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

Question ID : 75189711743
 Option 1 ID : 75189746972
 Option 2 ID : 75189746970
 Option 3 ID : 75189746969
 Option 4 ID : 75189746971
 Status : Answered
 Chosen Option : 2

Q.68 Which of the following numbers will replace the question mark (?) in the given series?

45, 50, 60, 75, 95, ?

- Ans
- 1. 130
 - 2. 125
 - 3. 120
 - 4. 115

Question ID : 7518978300
 Option 1 ID : 75189733197
 Option 2 ID : 75189733200
 Option 3 ID : 75189733199
 Option 4 ID : 75189733198
 Status : Answered
 Chosen Option : 3

Q.69 At a health club, 80% of the members are men and the remaining 20% are women. The average age of the male members is 30 years and the average age of the female members is 40 years. The combined average age of all the members of this health club is _____ years.

- Ans
- 1. 35
 - 2. 31
 - 3. 33
 - 4. 32

Question ID : 75189711959
Option 1 ID : 75189747833
Option 2 ID : 75189747834
Option 3 ID : 75189747836
Option 4 ID : 75189747835
Status : Answered
Chosen Option : 4

Q.70 The value of $[x^{m(n-p)} \cdot x^{n(p-m)} \cdot x^{p(m-n)}][\sqrt[4]{625} - \sqrt{25}]$ is _____.

- Ans
- 1. 1
 - 2. 2
 - 3. 5
 - 4. 0

Question ID : 75189711947
Option 1 ID : 75189747785
Option 2 ID : 75189747788
Option 3 ID : 75189747786
Option 4 ID : 75189747787
Status : Answered
Chosen Option : 4

Q.71 The only thing that we do not get from natural resources but directly from outside the earth is _____.

- Ans
- 1. Minerals
 - 2. Coal
 - 3. Natural gases
 - 4. Energy

Question ID : 75189710280
Option 1 ID : 75189741119
Option 2 ID : 75189741117
Option 3 ID : 75189741118
Option 4 ID : 75189741120
Status : Answered
Chosen Option : 4

Q.72 If 12 April 2010 is a Monday, then what will be the day of the week on 8 March 2022?

- Ans
- 1. Friday
 - 2. Wednesday
 - 3. Tuesday
 - 4. Sunday

Question ID : 75189711667
Option 1 ID : 75189746666
Option 2 ID : 75189746668
Option 3 ID : 75189746665
Option 4 ID : 75189746667
Status : Answered
Chosen Option : 3

Q.73 Which of the following numbers will replace the question mark (?) in the given series?

6, 3, 13, 7, 20, 11, 27, 15, 34, ?

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

Question ID : 75189711610
Option 1 ID : 75189746438
Option 2 ID : 75189746439
Option 3 ID : 75189746437
Option 4 ID : 75189746440
Status : Answered
Chosen Option : 1

Q.74 Who won the Men's Single title at the 2022 Australian Open tennis tournament?

- Ans
- 1. Roger Federer
 - 2. Daniil Medvedev
 - 3. Novak Djokovic
 - 4. Rafael Nadal

Question ID : 75189710510
Option 1 ID : 75189742037
Option 2 ID : 75189742039
Option 3 ID : 75189742038
Option 4 ID : 75189742040
Status : Answered
Chosen Option : 4

Q.75 Which IIT, along with Visual Quest and Youth4Jobs, developed India's first AI-based job portal for persons with disabilities called 'Swarajability'?

- Ans**
- 1. IIT-Hyderabad
 - 2. IIT-Bombay
 - 3. IIT-Kharagpur
 - 4. IIT-Delhi

Question ID : 7518979358
Option 1 ID : 75189737432
Option 2 ID : 75189737431
Option 3 ID : 75189737429
Option 4 ID : 75189737430
Status : Answered
Chosen Option : 1

Q.76 The value of $326.\overline{786} - 10.19\overline{3}$ is:

- Ans**
- 1. 316.65345
 - 2. 316.49575
 - 3. 316.50365
 - 4. 316.59345

Question ID : 75189711719
Option 1 ID : 75189746876
Option 2 ID : 75189746873
Option 3 ID : 75189746875
Option 4 ID : 75189746874
Status : Answered
Chosen Option : 4

Q.77 A current of 15 mA is flowing through an electronic device when the voltage across the device is 0.3 mV. The resistance of the device is:

- Ans**
- 1. 20 mΩ
 - 2. 0.2 mΩ
 - 3. 2.0 mΩ
 - 4. 200 mΩ

Question ID : 75189711317
Option 1 ID : 75189745267
Option 2 ID : 75189745265
Option 3 ID : 75189745266
Option 4 ID : 75189745268
Status : Answered
Chosen Option : 2

Q.78 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. EXAMPLE: 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

32 : 150 :: 22 : 100 :: 12 : ?

- Ans**
- 1. 65
 - 2. 50
 - 3. 60
 - 4. 55

Question ID : 75189711620
 Option 1 ID : 75189746480
 Option 2 ID : 75189746477
 Option 3 ID : 75189746479
 Option 4 ID : 75189746478
 Status : Answered
 Chosen Option : 2

Q.79 Five film makers, Pragati, Ratan, Tomar, Vihari and Ujwala, live on five 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 5. Vihari lives on the floor immediately below Ujwala, Pragati lives on the floor immediately above Tomar. Ratan lives on the floor immediately above Pragati. Ujwala lives on the floor immediately below Tomar.

Who lives on the third floor?

- Ans**
- 1. Pragati
 - 2. Tomar
 - 3. Ujwala
 - 4. Ratan

Question ID : 75189711452
 Option 1 ID : 75189745806
 Option 2 ID : 75189745807
 Option 3 ID : 75189745808
 Option 4 ID : 75189745805
 Status : Answered
 Chosen Option : 2

Q.80 In the following question, the statement is followed by two conclusions. Which of the two conclusion(s) is/are true based on the given statement?

Statement: $F \leq I < G > J \geq H > L$

Conclusions: I. $G > F$

II. $L < J$

- Ans**
- 1. Only conclusion I is true
 - 2. Neither conclusion I nor II is true
 - 3. Both conclusions I and II are true
 - 4. Only conclusion II is true

Question ID : 7518977628
 Option 1 ID : 75189730509
 Option 2 ID : 75189730511
 Option 3 ID : 75189730512
 Option 4 ID : 75189730510
 Status : Answered
 Chosen Option : 3

Q.81 ଏକ ସଲେନ-ଏଡରେ ସୃଷ୍ଟି ହେଉଥିବା ତୁମ୍ବକୀୟ କ୍ଷେତ୍ରର ସାମର୍ଥ୍ୟ ନିମ୍ନୋକ୍ତ ମଧ୍ୟରୁ କେଉଁ କାରକ ଉପରେ ନିର୍ଭର କରେ ନାହିଁ?

- Ans
- 1. କୋର୍ ସାମଗ୍ରୀ ଭାବରେ ନରମ ଲୁହା ବ୍ୟବହାର କରାଯିବା
 - 2. କୋର୍ ସାମଗ୍ରୀ ଭାବରେ କାଠର ରତ୍ ବ୍ୟବହାର କରାଯିବା
 - 3. ସଲେନ-ଏଡରେ କୁଣ୍ଡଳୀଗୁଡ଼ିକର ସଂଖ୍ୟା
 - 4. ସଲେନ-ଏଡରେ ବିଦ୍ୟୁତ ସ୍ରୋତର ସାମର୍ଥ୍ୟ

Question ID : 75189712229
 Option 1 ID : 75189748916
 Option 2 ID : 75189748915
 Option 3 ID : 75189748913
 Option 4 ID : 75189748914
 Status : Answered
 Chosen Option : 2

Q.82 The 8th Schedule of the Constitution of India recognises a total of _____ languages as the official languages.

- Ans
- 1. 23
 - 2. 22
 - 3. 21
 - 4. 20

Question ID : 75189710440
 Option 1 ID : 75189741760
 Option 2 ID : 75189741759
 Option 3 ID : 75189741758
 Option 4 ID : 75189741757
 Status : Answered
 Chosen Option : 2

Q.83 The SVAMITVA (Survey of Villages Abadi and Mapping with Improved Technology in Village Areas) Scheme, implemented by the Ministry of Panchayati Raj, uses _____ for mapping of land parcels.

- Ans
- 1. earth- orbiting satellites
 - 2. rockets
 - 3. helicopters
 - 4. drones

Question ID : 7518978497
 Option 1 ID : 75189733986
 Option 2 ID : 75189733987
 Option 3 ID : 75189733988
 Option 4 ID : 75189733985
 Status : Answered
 Chosen Option : 1

Q.84 Which sanctuary has the largest number of one-horned Rhinoceros as on June 2022?

- Ans
- 1. Kanha
 - 2. Sariska
 - 3. Kaziranga
 - 4. Mudumalai

Question ID : 75189712159
Option 1 ID : 75189748636
Option 2 ID : 75189748633
Option 3 ID : 75189748634
Option 4 ID : 75189748635
Status : Answered
Chosen Option : 3

Q.85 The product of $(x - 5)$ and $(x + 3)$ is:

- Ans
- 1. $x^2 - 2x - 15$
 - 2. $x^2 + 2x + 15$
 - 3. $x^2 + 3x - 15$
 - 4. $x^2 + 3x + 15$

Question ID : 7518979977
Option 1 ID : 75189739905
Option 2 ID : 75189739907
Option 3 ID : 75189739906
Option 4 ID : 75189739908
Status : Answered
Chosen Option : 1

Q.86 The price of a TV set increases by 20% in the first year and again by 5% in the next year. The net effect on the price of the TV set after two years compared to its initial price is a:

- Ans
- 1. 26% increase
 - 2. 20% increase
 - 3. 15% increase
 - 4. 25% increase

Question ID : 75189711733
Option 1 ID : 75189746932
Option 2 ID : 75189746930
Option 3 ID : 75189746931
Option 4 ID : 75189746929
Status : Answered
Chosen Option : 1

Q.87 A shopkeeper sells pulses at ₹100 per kg that he purchased for ₹80 per kg. While selling, he cheats and gives 800 g instead of 1 kg. What is his actual profit?

- Ans**
- 1. 64.00%
 - 2. 56.25%
 - 3. 62.75%
 - 4. 58.00%

Question ID : 75189712038
Option 1 ID : 75189748149
Option 2 ID : 75189748151
Option 3 ID : 75189748152
Option 4 ID : 75189748150
Status : Answered
Chosen Option : 2

Q.88 Mayurbhanj Chhau dance is native to which state?

- Ans**
- 1. Odisha
 - 2. Bihar
 - 3. Manipur
 - 4. Jharkhand

Question ID : 75189712130
Option 1 ID : 75189748518
Option 2 ID : 75189748520
Option 3 ID : 75189748519
Option 4 ID : 75189748517
Status : Answered
Chosen Option : 1

Q.89 If the principal amount is ₹13,000, then the simple interest for 4 years at a rate of 5% per annum is _____.

- Ans**
- 1. ₹5,200
 - 2. ₹1,300
 - 3. ₹2,600
 - 4. ₹2750

Question ID : 75189711953
Option 1 ID : 75189747812
Option 2 ID : 75189747809
Option 3 ID : 75189747810
Option 4 ID : 75189747811
Status : Answered
Chosen Option : 3

Q.90 In an electric circuit 2 lamps of resistances $10\ \Omega$ and $20\ \Omega$ are in parallel and a battery of $20\ \text{V}$ is applied. If power, voltage, current and resistance are represented by P, V, I and R , respectively, then which of the following relations holds true?

- Ans
- 1. $P = V^2 R$
 - 2. $P = \frac{V}{R^2}$
 - 3. $P = \frac{V^2}{R}$
 - 4. $P = IR^2$

Question ID : 75189712225
Option 1 ID : 75189748897
Option 2 ID : 75189748899
Option 3 ID : 75189748898
Option 4 ID : 75189748900
Status : Answered
Chosen Option : 4

Q.91 What is the percentage of oxygen in air normally inhaled and exhaled by human beings?

- Ans
- 1. Around 20% in inhaled air and 2% in exhaled air
 - 2. Around 18% in inhaled air and 10% in exhaled air
 - 3. Around 21% in inhaled air and 16% in exhaled air
 - 4. Around 19% in inhaled air and 17% in exhaled air

Question ID : 75189710092
Option 1 ID : 75189740367
Option 2 ID : 75189740365
Option 3 ID : 75189740368
Option 4 ID : 75189740366
Status : Not Answered
Chosen Option : --

Q.92 What approximate value should come in place of the question mark (?) in the following equation

$$55.98 \div 7.09 \times 5.05 + 33.98 - 26.99 \div 2.97 = ?$$

- Ans
- 1. 64
 - 2. 65
 - 3. 62
 - 4. 63

Question ID : 75189710941
Option 1 ID : 75189743762
Option 2 ID : 75189743761
Option 3 ID : 75189743764
Option 4 ID : 75189743763
Status : Answered
Chosen Option : 3

Q.93 What happens when concentrated hydrochloric acid is added to manganese dioxide?

- Ans
- 1. Hydrochloric acid is reduced while MnO_2 is oxidised.
 - 2. Hydrochloric acid is reduced to chlorine gas.
 - 3. Manganese dioxide is reduced to manganese (II) chloride.
 - 4. Hydrogen gas is liberated.

Question ID : 75189711891

Option 1 ID : 75189747564

Option 2 ID : 75189747562

Option 3 ID : 75189747563

Option 4 ID : 75189747561

Status : Not Answered

Chosen Option : --

Q.94 Which of the following compounds reacts with carbon dioxide to form lime stone?

- Ans
- 1. Calcium carbide
 - 2. Calcium oxide
 - 3. Calcium hydroxide
 - 4. Calcium

Question ID : 75189710332

Option 1 ID : 75189741325

Option 2 ID : 75189741327

Option 3 ID : 75189741328

Option 4 ID : 75189741326

Status : Answered

Chosen Option : 4

Q.95 Suppose a ball is placed in front of a concave mirror and a real image that is twice the size of the ball is formed on a screen. The ball and the screen are then moved until the image is five times the size of the object. If the shift of the screen is d , then the shift in the object is:

- Ans
- 1. $\frac{d}{18}$
 - 2. $\frac{d}{10}$
 - 3. $\frac{d}{15}$
 - 4. $\frac{d}{12}$

Question ID : 75189712193

Option 1 ID : 75189748772

Option 2 ID : 75189748769

Option 3 ID : 75189748771

Option 4 ID : 75189748770

Status : Not Answered

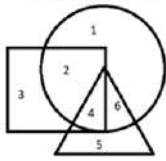
Chosen Option : --

Q.96 Each of the digits in the number 1428935 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. Two
 - 2. Three
 - 3. One
 - 4. None

Question ID : 7518979881
 Option 1 ID : 75189739522
 Option 2 ID : 75189739523
 Option 3 ID : 75189739521
 Option 4 ID : 75189739524
 Status : Answered
 Chosen Option : 3

Q.97 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons. The circle represents 'healthy people', the square represents 'men', and the triangle represents 'graduates'. How many men are there who are healthy but NOT graduates?



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

Question ID : 75189711489
 Option 1 ID : 75189745956
 Option 2 ID : 75189745954
 Option 3 ID : 75189745953
 Option 4 ID : 75189745955
 Status : Answered
 Chosen Option : 2

Q.98 If each interior angle of a regular polygon measures 108° , that polygon has _____ sides.

- Ans**
- 1. 6
 - 2. 5
 - 3. 4
 - 4. 10

Question ID : 75189711820
 Option 1 ID : 75189747279
 Option 2 ID : 75189747278
 Option 3 ID : 75189747277
 Option 4 ID : 75189747280
 Status : Answered
 Chosen Option : 2

Q.99 Two pipes A and B can fill a tank completely in 5 hours and 8 hours, respectively. Pipe C can empty the tank completely in 10 hours. If all the three pipes are opened simultaneously in an empty tank, then how much time will it take to fill the tank completely?

- Ans**
- ✓ 1. $4\frac{4}{9}$ hours
 - ✗ 2. 6 hours
 - ✗ 3. 3 hours
 - ✗ 4. $4\frac{2}{9}$ hours

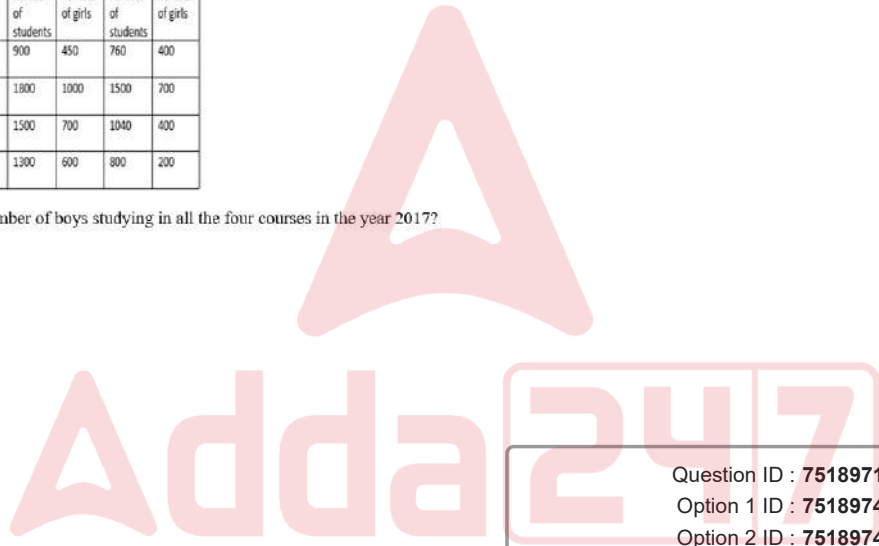
Question ID : 75189712049
 Option 1 ID : 75189748196
 Option 2 ID : 75189748193
 Option 3 ID : 75189748195
 Option 4 ID : 75189748194
 Status : Answered
 Chosen Option : 1

Q.100 The table given shows the total number of students of a college and the number of girls who are studying in four different courses – Data science, Cloud computing, Statistics and Image processing in 3 different years.

Year/Courses	2016		2017		2018	
	Total number of students	Total number of girls	Total number of students	Total number of girls	Total number of students	Total number of girls
Data science	800	500	900	450	760	400
Cloud computing	1600	400	1800	1000	1500	700
Statistics	1400	600	1500	700	1040	400
Image processing	1200	600	1300	600	800	200

What is the average number of boys studying in all the four courses in the year 2017?

- Ans**
- ✗ 1. 734.5
 - ✓ 2. 687.5
 - ✗ 3. 492.5
 - ✗ 4. 586.5



Question ID : 75189711662
 Option 1 ID : 75189746647
 Option 2 ID : 75189746646
 Option 3 ID : 75189746648
 Option 4 ID : 75189746645
 Status : Answered
 Chosen Option : 2