



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.

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 Which of the following depict the characteristics of the Reserve Bank of India?

- A. It issues the currency of the country.
- B. It controls money supply of the country through various methods.
- C. It acts as a banker to the government.
- D. 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

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 ସର୍ବାଙ୍କର ଅନୁଯାୟୀ ଅକ୍ଷର ବ୍ୟବହାର କରି ସଂଖ୍ୟା/ପ୍ରତୀକର ଏକ ସମୂହକୁ କୋଡ୍‌ବଦ୍ଧ କରାଯାଇଛି । ସର୍ବାଙ୍କର ଅନୁଯାୟୀ କୋଡ୍‌ର ସଠିକ୍ ସଂଯୋଜନ ନୁହେଁ ଉଦ୍ଦେଶ୍ୟ ।

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

ସର୍ବାଙ୍କର :

- (i) ଯଦି ପ୍ରଥମ ଓ ଶେଷ ଉପାଦାନଗୁଡ଼ିକ ସଂଖ୍ୟା ହୁଅନ୍ତି ତେବେ ଶେଷ ଉପାଦାନଟି ପ୍ରତୀକ ଓ ଫଳା ପ୍ରତିରୋଧକ ହେବ ।
- (ii) ଯଦି ପ୍ରଥମ ଉପାଦାନଟି ଯୋଗ୍ୟ ପ୍ରତୀକ ହୁଏ ତେବେ ପ୍ରଥମ ଉପାଦାନଟି ଉଦ୍ଦେଶ୍ୟ 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:

कवीस 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 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, 5 m 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

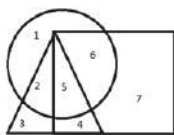
Option 3 ID : 75189715725

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 '×' 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)

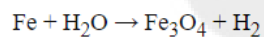
- Ans**
- ✓ 1. 4 km towards the north
 - ✗ 2. 2 km towards the east
 - ✗ 3. 2 km towards the west
 - ✗ 4. 3 km towards the east

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

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 $\alpha^2 + \beta^2 = \underline{\hspace{2cm}}$.

- 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

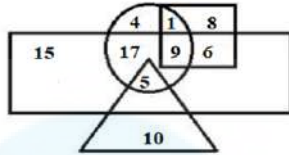
Option 3 ID : 75189716987

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, Tapasvi 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 $[x^{m(n-p)}, x^{n(p-m)}, x^{p(m-n)}][\sqrt[4]{625} - \sqrt{25}]$ 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. $316.6534\overline{5}$
 - ✗ 2. $316.4957\overline{5}$
 - ✗ 3. $316.5036\overline{5}$
 - ✓ 4. $316.5934\overline{5}$

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 ସଲେନଏଡରେ ଯୁକ୍ତି ହେଉଥିବା ତୁମ୍ଭଙ୍କଠାରୁ କେତେକ ସାମାଜିକ ନିମ୍ନୋକ୍ତ ମଧ୍ୟରୁ କେଉଁ କାରକ ଉପରେ ନିର୍ଭର କରେ ନାହିଁ?

- Ans
- ☒ 1. କୋର ସାମଗ୍ରୀ ଭାବରେ ନରମ ଲୁହା ବ୍ୟବହାର କରାଯିବା
 - ☒ 2. କୋର ସାମଗ୍ରୀ ଭାବରେ କାଠର ରତ୍ନ ବ୍ୟବହାର କରାଯିବା
 - ☒ 3. ସଲେନଏଡରେ କୁଣ୍ଡଳୀଗୁଡ଼ିକର ସଂଖ୍ୟା
 - ☒ 4. ସଲେନଏଡରେ ବିଦ୍ୟୁତ ପ୍ରେତର ସାମାଜିକ

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 Improvised 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 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

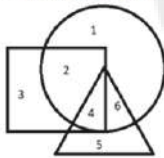
Chosen Option : --

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