



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	Orissa Institute Of Engineering And Technology
Test Date	13/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

* Note

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

- 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 Naphthalene balls are prepared from _____.

- Ans
- 1. coke
 - 2. petroleum
 - 3. coal gas
 - 4. coal tar

Question ID : 7518974492
Option 1 ID : 75189717965
Option 2 ID : 75189717968
Option 3 ID : 75189717967
Option 4 ID : 75189717966
Status : Answered
Chosen Option : 4

Q.2 Eight men L, M, N, O, P, Q, R and S were sitting around a square table, facing the centre. Some of them were sitting at the corners, while some were sitting at the exact centre of the sides. P was sitting fourth to the left of Q. Only O was sitting between M and Q. N was sitting to the immediate right of L. R was sitting to the immediate left of M. L and P were sitting at corners. Who was sitting fourth to the left of R?

- Ans
- 1. S
 - 2. L
 - 3. O
 - 4. N

Question ID : 7518977578
Option 1 ID : 75189730311
Option 2 ID : 75189730312
Option 3 ID : 75189730309
Option 4 ID : 75189730310
Status : Answered
Chosen Option : 1

Q.3 _____ of the Constitution of India lays down the qualifications for the membership of Parliament.

- Ans**
- 1. Article 84
 - 2. Article 81
 - 3. Article 83
 - 4. Article 82

Question ID : 7518978935
Option 1 ID : 75189735740
Option 2 ID : 75189735737
Option 3 ID : 75189735739
Option 4 ID : 75189735738
Status : Answered
Chosen Option : 2

Q.4 As of March 2022, which of the following is the largest bank in private sector in India?

- Ans**
- 1. Kotak Mahindra Bank Ltd
 - 2. HDFC Bank
 - 3. Axis Bank
 - 4. ICICI Bank

Question ID : 75189710575
Option 1 ID : 75189742297
Option 2 ID : 75189742299
Option 3 ID : 75189742300
Option 4 ID : 75189742298
Status : Answered
Chosen Option : 2

Q.5 A man buys a table for ₹2,800 and sells it at a loss of 30%. The selling price (in ₹) of the table is _____.

- Ans**
- 1. 1,890
 - 2. 1,960
 - 3. 1,440
 - 4. 1,770

Question ID : 75189710661
Option 1 ID : 75189742643
Option 2 ID : 75189742642
Option 3 ID : 75189742641
Option 4 ID : 75189742644
Status : Answered
Chosen Option : 2

Q.6 As of 31 March 2022, the official language of the state of _____ is Hindi.

- Ans
- 1. Punjab
 - 2. Arunachal Pradesh
 - 3. Rajasthan
 - 4. Goa

Question ID : 7518978528
Option 1 ID : 75189734112
Option 2 ID : 75189734110
Option 3 ID : 75189734109
Option 4 ID : 75189734111
Status : Answered
Chosen Option : 4

Q.7 Vesak, the festival that is observed on the full-moon day of the lunar month of Vaisakha, which falls in April or May, is the festival for which religion?

- Ans
- 1. Jainism
 - 2. Buddhism
 - 3. Jews
 - 4. Sikhism

Question ID : 75189710432
Option 1 ID : 75189741728
Option 2 ID : 75189741726
Option 3 ID : 75189741727
Option 4 ID : 75189741725
Status : Answered
Chosen Option : 1

Q.8 Which of the following awards is given for significant contribution in the field of atomic energy?

- Ans
- 1. Homi Bhabha Award
 - 2. Borlaug Award
 - 3. Dr. B.C. Roy Award
 - 4. Shanti Swarup Bhatnagar Award

Question ID : 7518977151
Option 1 ID : 75189728602
Option 2 ID : 75189728604
Option 3 ID : 75189728603
Option 4 ID : 75189728601
Status : Answered
Chosen Option : 1

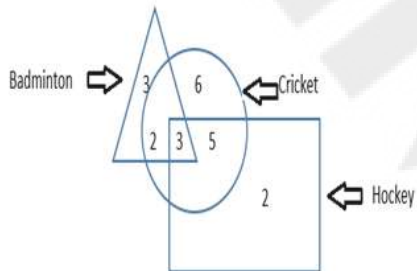
Q.9 In March 2022, the Karnataka Government announced the Vinaya Samarasya Yojana, an awareness programme meant to eradicate _____ in Gram Panchayats across the state.

- Ans**
- ✓ 1. untouchability
 - ✗ 2. poverty
 - ✗ 3. unemployment
 - ✗ 4. illiteracy

Question ID : 7518978836
Option 1 ID : 75189735342
Option 2 ID : 75189735343
Option 3 ID : 75189735341
Option 4 ID : 75189735344
Status : Answered
Chosen Option : 1

Q.10 Study the given diagram carefully and answer the question that follows.

The numbers in different sections indicate the number of people who play different sports.



How many people play both Hockey and Cricket but not Badminton ?

- Ans**
- ✗ 1. 8
 - ✗ 2. 3
 - ✗ 3. 2
 - ✓ 4. 5

Question ID : 75189711003
Option 1 ID : 75189744011
Option 2 ID : 75189744010
Option 3 ID : 75189744012
Option 4 ID : 75189744009
Status : Answered
Chosen Option : 4

Q.11 Select the conclusion that is true based on the given statement.

Statement: $A \geq Q > Z \leq S = O < W$

- Ans
- 1. $Q > O$
 - 2. $W > Z$
 - 3. $A > O$
 - 4. $W \geq A$

Question ID : 7518979831
Option 1 ID : 75189739323
Option 2 ID : 75189739322
Option 3 ID : 75189739321
Option 4 ID : 75189739324
Status : Answered
Chosen Option : 2

Q.12 The value of $\sin^2 \theta + \cos^2 \theta - (\sec^2 \theta - \tan^2 \theta) + \tan \theta \cos \theta - \sin \theta$ is _____.

- Ans
- 1. 0
 - 2. $4\sin\theta\cos\theta$
 - 3. -1
 - 4. $\sec^2 \theta$

Question ID : 75189710728
Option 1 ID : 75189742912
Option 2 ID : 75189742909
Option 3 ID : 75189742911
Option 4 ID : 75189742910
Status : Answered
Chosen Option : 1

Q.13 Which edition of 'Khelo India Youth Games' was held in June 2022?

- Ans
- 1. Second
 - 2. Third
 - 3. First
 - 4. Fourth

Question ID : 7518976470
Option 1 ID : 75189725878
Option 2 ID : 75189725879
Option 3 ID : 75189725877
Option 4 ID : 75189725880
Status : Answered
Chosen Option : 2

Q.14 Which of the following numbers will replace the question mark (?) in the given series?

54, 149, 294, 489, ?

- Ans
- 1. 596
 - 2. 734
 - 3. 674
 - 4. 692

Question ID : 75189711067
Option 1 ID : 75189744265
Option 2 ID : 75189744266
Option 3 ID : 75189744267
Option 4 ID : 75189744268
Status : Not Answered
Chosen Option : --

Q.15 The ratio of Kamal's to Kiran's age is 4 : 5. Kamal will be 30 years old after 6 years. What is the present age of Kiran?

- Ans
- 1. 28 years
 - 2. 30 years
 - 3. 40 years
 - 4. 24 years

Question ID : 75189710708
Option 1 ID : 75189742832
Option 2 ID : 75189742829
Option 3 ID : 75189742831
Option 4 ID : 75189742830
Status : Answered
Chosen Option : 2

Q.16 An electromagnet is formed when:

- Ans
- 1. a current is passed through magnet
 - 2. a current is passed through a coil wound around a soft iron core
 - 3. a magnet is placed near current carrying conductor
 - 4. a current is passed through a coil wound around a glass rod

Question ID : 7518979582
Option 1 ID : 75189738325
Option 2 ID : 75189738327
Option 3 ID : 75189738326
Option 4 ID : 75189738328
Status : Answered
Chosen Option : 2

Q.17 A group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	4	&	5	^	8	@	2	6	%	\$	9	5	3	#
Code Letter	G	B	H	T	V	M	A	K	L	D	F	E	Q	U

Conditions:

- (i) If the first element is a symbol and the last element is a number, the codes for these two (the first and the last elements) are to be interchanged.
- (ii) If the first element is an odd number and the last element is an even number, the first and last elements are to be coded as ©.
- (iii) If both the second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What will be the code ^ \$ 9 # 8 ?

- Ans**
- 1. TDUFV
 - 2. VDUFT
 - 3. TDFUV
 - 4. VDFUT

Question ID : 75189711057

Option 1 ID : 75189744228

Option 2 ID : 75189744227

Option 3 ID : 75189744226

Option 4 ID : 75189744225

Status : Answered

Chosen Option : 4

Q.18 Which of the following waste items should NOT be thrown into general trash?

- Ans**
- 1. Old vessels
 - 2. Old shoes
 - 3. Old furniture
 - 4. Old batteries

Question ID : 75189710129

Option 1 ID : 75189740514

Option 2 ID : 75189740516

Option 3 ID : 75189740513

Option 4 ID : 75189740515

Status : Answered

Chosen Option : 4

Q.19 Which of the following circulates around the body and plugs the leaks by helping to clot the blood at the points of injury?

- Ans** 1. Platelets
 2. Plasma
 3. WBC
 4. RBC

Question ID : 75189710210
Option 1 ID : 75189740838
Option 2 ID : 75189740837
Option 3 ID : 75189740840
Option 4 ID : 75189740839
Status : Answered
Chosen Option : 1

Q.20 The number of factors of any prime number is:

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

Question ID : 7518978643
Option 1 ID : 75189734570
Option 2 ID : 75189734572
Option 3 ID : 75189734571
Option 4 ID : 75189734569
Status : Answered
Chosen Option : 3

Q.21 If 5 March 2009 is a Thursday, then what will be the day of the week on 11 March 2016?

- Ans** 1. Thursday
 2. Wednesday
 3. Monday
 4. Friday

Question ID : 7518979148
Option 1 ID : 75189736589
Option 2 ID : 75189736590
Option 3 ID : 75189736591
Option 4 ID : 75189736592
Status : Not Answered
Chosen Option : --

Q.22 The total surface area of a solid hemisphere is 42 cm^2 . Its radius (in cm) is:

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

Ans

✓ 1. $\frac{7}{\sqrt{11}}$

✗ 2. $\frac{7\sqrt{2}}{\sqrt{22}}$

✗ 3. $\frac{7\sqrt{2}}{\sqrt{11}}$

✗ 4. $\frac{7\sqrt{3}}{\sqrt{22}}$

Question ID : 75189710024

Option 1 ID : 75189740093

Option 2 ID : 75189740095

Option 3 ID : 75189740094

Option 4 ID : 75189740096

Status : Answered

Chosen Option : 2

Q.23 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.

14 : 196 :: 16 : 256 :: 18 : ?

Ans ✗ 1. 314

✓ 2. 324

✗ 3. 328

✗ 4. 326

Question ID : 75189710927

Option 1 ID : 75189743707

Option 2 ID : 75189743708

Option 3 ID : 75189743705

Option 4 ID : 75189743706

Status : Answered

Chosen Option : 2

Q.24 A man walking at a speed of 10 km/h crosses a bridge in $7\frac{1}{2}$ minutes. The length of the bridge is _____ metres.

- Ans
- 1. 1480
 - 2. 1560
 - 3. 1250
 - 4. 1500

Question ID : 75189710668
Option 1 ID : 75189742671
Option 2 ID : 75189742672
Option 3 ID : 75189742670
Option 4 ID : 75189742669
Status : Answered
Chosen Option : 3

Q.25 The class of compounds with a functional group which has no oxygen atom is:

- Ans
- 1. halo compounds
 - 2. Esters
 - 3. Ketones
 - 4. carboxylic acid

Question ID : 7518979602
Option 1 ID : 75189738405
Option 2 ID : 75189738407
Option 3 ID : 75189738406
Option 4 ID : 75189738408
Status : Answered
Chosen Option : 1

Q.26 Yajurveda is _____ fold.

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

Question ID : 7518978870
Option 1 ID : 75189735480
Option 2 ID : 75189735478
Option 3 ID : 75189735477
Option 4 ID : 75189735479
Status : Answered
Chosen Option : 3

Q.27 The value of $\{1 + (1 - 2)^{-1} + 2 - (1 - 2)^{-2}\}^2$ is:

- Ans
- 1. 0
 - 2. 9
 - 3. 1
 - 4. 8

Question ID : 7518979098
Option 1 ID : 75189736390
Option 2 ID : 75189736392
Option 3 ID : 75189736389
Option 4 ID : 75189736391
Status : Answered
Chosen Option : 3

Q.28 To obtain sharp signals from a dish antenna, the receiver of the dish antenna should be placed _____.

- Ans
- 1. in front of the dish at C
 - 2. in front of the dish at F
 - 3. in front of the dish between C and F
 - 4. behind the dish

Question ID : 7518979482
Option 1 ID : 75189737926
Option 2 ID : 75189737927
Option 3 ID : 75189737928
Option 4 ID : 75189737925
Status : Answered
Chosen Option : 3

Q.29 All 30 students are standing in a straight line facing the north. Amit is at 12th position from the extreme left end. What is the position of Amit when considered from the extreme right end?

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

Question ID : 75189710993
Option 1 ID : 75189743970
Option 2 ID : 75189743971
Option 3 ID : 75189743972
Option 4 ID : 75189743969
Status : Answered
Chosen Option : 4

Q.30 Select the correct example for mechanical barrier method of contraception from the options given below.

- Ans
- 1. Vasectomy
 - 2. Use of copper-T
 - 3. Use of contraceptive pills
 - 4. Use of condom

Question ID : 7518974420
Option 1 ID : 75189717680
Option 2 ID : 75189717678
Option 3 ID : 75189717677
Option 4 ID : 75189717679
Status : Answered
Chosen Option : 2

Q.31 Three chairs and two tables cost ₹1,850. Five chairs and three tables cost ₹2,850. Find the cost of two chairs and two tables.

- Ans
- 1. ₹1,300
 - 2. ₹1,400
 - 3. ₹1,700
 - 4. ₹700

Question ID : 7518979287
Option 1 ID : 75189737148
Option 2 ID : 75189737147
Option 3 ID : 75189737146
Option 4 ID : 75189737145
Status : Answered
Chosen Option : 3

Q.32 Which of the following statements about the Himalayas is INCORRECT?

- Ans
- 1. The Patkai hills lie between the lesser Himalayas and the Shiwaliks.
 - 2. The Kumaon Himalayas lie between the Satluj and Kali rivers.
 - 3. The outer-most range of the Himalayas is called the Shiwaliks.
 - 4. The Brahmaputra marks the eastern-most boundary of the Himalayas.

Question ID : 7518978566
Option 1 ID : 75189734261
Option 2 ID : 75189734264
Option 3 ID : 75189734262
Option 4 ID : 75189734263
Status : Answered
Chosen Option : 3

Q.33 What is the physical state of a precipitate in a chemical reaction?

- Ans 1. Solid
 2. Liquid
 3. Gaseous
 4. Aqueous

Question ID : 75189710349
Option 1 ID : 75189741394
Option 2 ID : 75189741393
Option 3 ID : 75189741396
Option 4 ID : 75189741395
Status : Answered
Chosen Option : 3

Q.34 What approximate value should come in place of the question mark (?) in the following equation?

$$12.89 + 3.05 \times 84.95 \div 5.07 - 23.88 = ?$$

- Ans 1. 44
 2. 40
 3. 35
 4. 48

Question ID : 75189710940
Option 1 ID : 75189743757
Option 2 ID : 75189743760
Option 3 ID : 75189743759
Option 4 ID : 75189743758
Status : Answered
Chosen Option : 2

Q.35 The volume (in cm^3) of a solid right circular cylinder whose diameter of base is 7 cm and height is 20 cm is _____ . (Use $\pi = \frac{22}{7}$)

- Ans 1. 770
 2. 3080
 3. 980
 4. 1440

Question ID : 75189710713
Option 1 ID : 75189742851
Option 2 ID : 75189742849
Option 3 ID : 75189742850
Option 4 ID : 75189742852
Status : Answered
Chosen Option : 1

Q.36 Sri Bhagavan Mahavir Govt. Museum is located in:

- Ans
- 1. Maharashtra
 - 2. Andhra Pradesh
 - 3. Karnataka
 - 4. New Delhi

Question ID : 75189710562
Option 1 ID : 75189742247
Option 2 ID : 75189742245
Option 3 ID : 75189742246
Option 4 ID : 75189742248
Status : Answered
Chosen Option : 3

Q.37 The correct expression of $8.\overline{46}$ in the fractional form is _____.

- Ans
- 1. $\frac{846}{99}$
 - 2. $\frac{838}{99}$
 - 3. $\frac{83}{99}$
 - 4. $\frac{84}{99}$

Question ID : 75189710628
Option 1 ID : 75189742509
Option 2 ID : 75189742511
Option 3 ID : 75189742512
Option 4 ID : 75189742510
Status : Answered
Chosen Option : 2

Q.38 Which of the following elements is a metalloid?

- Ans
- 1. Selenium
 - 2. Bismuth
 - 3. Antimony
 - 4. Iron

Question ID : 75189710398
Option 1 ID : 75189741592
Option 2 ID : 75189741589
Option 3 ID : 75189741590
Option 4 ID : 75189741591
Status : Answered
Chosen Option : 1

Q.39 Simplify $x^2 + y^2 + (x - y)^2 + (x + y)^2 - 20$:

- Ans
- 1. $3x^2 - 3y^2 + 20$
 - 2. $3x^2 - 3y^2 - 20$
 - 3. $3x^2 + 3y^2 - 20$
 - 4. $3x^2 + 3y^2 + 20$

Question ID : 7518978725
Option 1 ID : 75189734900
Option 2 ID : 75189734899
Option 3 ID : 75189734897
Option 4 ID : 75189734898
Status : Answered
Chosen Option : 3

Q.40 What happens when calcium sulphate hemihydrate is mixed with water?

- Ans
- 1. SO_2 gas is liberated.
 - 2. Lime water is formed.
 - 3. A clear solution is formed.
 - 4. It sets as a hard solid mass.

Question ID : 7518979662
Option 1 ID : 75189738647
Option 2 ID : 75189738648
Option 3 ID : 75189738646
Option 4 ID : 75189738645
Status : Answered
Chosen Option : 2

Q.41 When a ray of light travels from a denser to a rarer medium, it will:

- Ans
- 1. bend away from the normal
 - 2. not hold the phenomenon of refraction
 - 3. bend towards the normal
 - 4. have similar angles of incidence and refraction

Question ID : 7518979504
Option 1 ID : 75189738014
Option 2 ID : 75189738016
Option 3 ID : 75189738013
Option 4 ID : 75189738015
Status : Answered
Chosen Option : 1

Q.42 Town C is to the north of Town F. Town O is to the east of Town F. Town Z is to the west of Town O. Town Y is to the south of Town Z. Town C is to the north-east of Town Y. What is the position of Town C with respect to Town Z?

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

Question ID : 7518979857
Option 1 ID : 75189739427
Option 2 ID : 75189739426
Option 3 ID : 75189739428
Option 4 ID : 75189739425
Status : Answered
Chosen Option : 4

Q.43 Which of the following has the value of pH lower than that of pure water?

- Ans**
- 1. NaOH
 - 2. Gastric juice
 - 3. Milk of magnesia
 - 4. NH_4OH

Question ID : 7518979638
Option 1 ID : 75189738550
Option 2 ID : 75189738551
Option 3 ID : 75189738549
Option 4 ID : 75189738552
Status : Answered
Chosen Option : 2

Q.44 100 surnames were randomly picked up from a local telephone directory and the frequency distribution of the number of letters from the English alphabets in the surnames was obtained as follows.

Number of letters	1 - 4	4 - 7	7 - 10	10 - 13	13 - 16	16 - 19
Number of surnames	6	30	40	18	4	4

The median number of letters in the surnames is:

- Ans**
- 1. 8.05
 - 2. 7.09
 - 3. 8.02
 - 4. 7.04

Question ID : 7518979274
Option 1 ID : 75189737096
Option 2 ID : 75189737094
Option 3 ID : 75189737093
Option 4 ID : 75189737095
Status : Answered
Chosen Option : 4

Q.45 Tanvi saves ₹5,000 from her salary every month after spending 80% of her monthly salary. Tanvi's salary is:

- Ans**
- 1. ₹35,000
 - 2. ₹30,000
 - 3. ₹25,000
 - 4. ₹20,000

Question ID : 7518979227
Option 1 ID : 75189736908
Option 2 ID : 75189736906
Option 3 ID : 75189736907
Option 4 ID : 75189736905
Status : Answered
Chosen Option : 3

Q.46 According to the Ministry of New and Renewable Energy, out of the total estimated potential more than 95% of commercially exploitable wind resources are concentrated in how many states in India?

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

Question ID : 7518979429
Option 1 ID : 75189737713
Option 2 ID : 75189737715
Option 3 ID : 75189737716
Option 4 ID : 75189737714
Status : Not Answered
Chosen Option : --

Q.47 Where is India's first ever e-waste (electronic waste) clinic set up?

- Ans**
- 1. Bhopal
 - 2. Hyderabad
 - 3. Jaipur
 - 4. Bengaluru

Question ID : 7518979357
Option 1 ID : 75189737425
Option 2 ID : 75189737427
Option 3 ID : 75189737428
Option 4 ID : 75189737426
Status : Answered
Chosen Option : 1

Q.48 If $13 : 12 :: x : 60$ then, the value of x is:

- Ans
- 1. 91
 - 2. 65
 - 3. 78
 - 4. 56

Question ID : 7518979237
Option 1 ID : 75189736948
Option 2 ID : 75189736945
Option 3 ID : 75189736946
Option 4 ID : 75189736947
Status : Answered
Chosen Option : 2

Q.49 In July 2021, which Government's Department of Women and Child Development (WCD) came up with a policy to define street children, and asked 10 of its agencies to identify and rehabilitate them?

- Ans
- 1. West Bengal
 - 2. Punjab
 - 3. Delhi
 - 4. Jammu and Kashmir

Question ID : 75189711085
Option 1 ID : 75189744340
Option 2 ID : 75189744339
Option 3 ID : 75189744337
Option 4 ID : 75189744338
Status : Answered
Chosen Option : 3

Q.50 Three statements are given followed by three conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow(s) from the given statements.

Statements:

1. Some nails are rings.
2. All rings are fingers.
3. All nails are bracelets.

Conclusions:

- (I) Some bracelets are rings.
- (II) Some fingers are nails.
- (III) No ring is a bracelet.

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

Question ID : 7518979721
Option 1 ID : 75189738882
Option 2 ID : 75189738881
Option 3 ID : 75189738884
Option 4 ID : 75189738883
Status : Answered
Chosen Option : 4

Q.51 Which of the following describes the nature of the roots of the quadratic equation $5x^2 - 16x + 10 = 0$?

- Ans**
- 1. No real roots
 - 2. One real root and one imaginary root
 - 3. Two equal roots
 - 4. Two distinct real roots

Question ID : 7518978772
Option 1 ID : 75189735085
Option 2 ID : 75189735088
Option 3 ID : 75189735086
Option 4 ID : 75189735087
Status : Answered
Chosen Option : 1

Q.52 The mean literacy rate of a few cities as displayed in the following distribution is:

Literacy rate in %	No. of cities
25-35	6
35-45	5
45-55	4
55-65	1

- Ans
- 1. 28
 - 2. 32
 - 3. 40
 - 4. 36

Question ID : 7518979971
Option 1 ID : 75189739881
Option 2 ID : 75189739882
Option 3 ID : 75189739884
Option 4 ID : 75189739883
Status : Answered
Chosen Option : 2

Q.53 The Industries (Development and Regulation) Act was enacted in _____ in India.

- Ans
- 1. 1957
 - 2. 1951
 - 3. 1953
 - 4. 1954

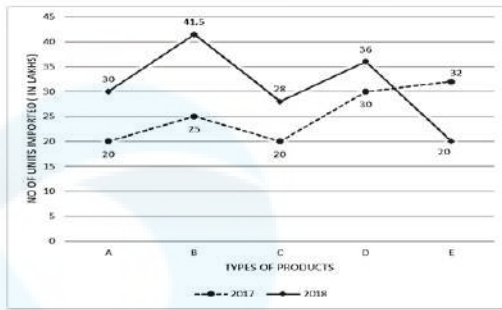
Question ID : 7518977520
Option 1 ID : 75189730080
Option 2 ID : 75189730077
Option 3 ID : 75189730078
Option 4 ID : 75189730079
Status : Answered
Chosen Option : 2

Q.54 A pipe can fill an empty tank in 15 minutes while another pipe can empty the same tank, when completely full, in 20 minutes. How much time (in minutes) will it take to completely fill the empty tank if both the pipes are opened simultaneously?

- Ans
- 1. 56
 - 2. 60
 - 3. 48
 - 4. 54

Question ID : 75189710674
Option 1 ID : 75189742694
Option 2 ID : 75189742695
Option 3 ID : 75189742696
Option 4 ID : 75189742693
Status : Answered
Chosen Option : 2

Q.55 The line graph given below shows the total number of different products, A, B, C, D and E, (in lakhs) imported by a company in 2017 and 2018. Study the graph and answer the question.



The import of which type of product in 2017 was equal to the average import of A and E types of product in 2018?

- Ans
- 1. E
 - 2. A
 - 3. D
 - 4. B

Question ID : 75189710960

Option 1 ID : 75189743840

Option 2 ID : 75189743837

Option 3 ID : 75189743839

Option 4 ID : 75189743838

Status : Answered

Chosen Option : 4

Q.56 Which two signs should be interchanged to make the following equation correct?

$$28 \div 4 - 12 \times 5 + 11 = 56$$

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

Question ID : 7518978082

Option 1 ID : 75189732328

Option 2 ID : 75189732326

Option 3 ID : 75189732325

Option 4 ID : 75189732327

Status : Answered

Chosen Option : 2

Q.57 In plants the exchange of carbon dioxide and oxygen takes place by:

- Ans
- 1. osmosis
 - 2. fermentation
 - 3. diffusion
 - 4. plasmolysis

Question ID : 75189710158
Option 1 ID : 75189740629
Option 2 ID : 75189740632
Option 3 ID : 75189740631
Option 4 ID : 75189740630
Status : Answered
Chosen Option : 1

Q.58 Two resistors, each of $20\ \Omega$, are connected in parallel. The combination, in turn, is connected in series to a third resistor of $20\ \Omega$ and a battery of 3 V. The power supplied by the battery is:

- Ans
- 1. 0.675 W
 - 2. 0.15 W
 - 3. 1.35 W
 - 4. 0.30 W

Question ID : 7518976715
Option 1 ID : 75189726859
Option 2 ID : 75189726857
Option 3 ID : 75189726860
Option 4 ID : 75189726858
Status : Answered
Chosen Option : 4

Q.59 Mohan borrows a sum of ₹2,20,000 at the rate of 8% per annum simple interest. At the end of the first year, he repays ₹27,600 towards return of principal amount borrowed. If Mohan clears all pending dues at the end of the second year, including interest payment that accrued during the first year, how much does he pay at the end of the second year?

- Ans
- 1. ₹2,25,512
 - 2. ₹2,26,800
 - 3. ₹2,25,392
 - 4. ₹2,27,600

Question ID : 7518979938
Option 1 ID : 75189739752
Option 2 ID : 75189739751
Option 3 ID : 75189739749
Option 4 ID : 75189739750
Status : Answered
Chosen Option : 4

Q.60 In the month of March 2022, who was appointed as the Chairman of Air India?

- Ans**
- 1. M Damodaran
 - 2. Ratan Tata
 - 3. Adi Godrej
 - 4. N Chandrasekaran

Question ID : **75189710535**
Option 1 ID : **75189742140**
Option 2 ID : **75189742137**
Option 3 ID : **75189742139**
Option 4 ID : **75189742138**
Status : **Answered**
Chosen Option : **4**

Q.61 Which of the following devices is NOT based on the heating effect of electric current?

Electric kettle, Electric bulb, Oven, Electric generator

- Ans**
- 1. Electric bulb
 - 2. Electric kettle
 - 3. Oven
 - 4. Electric generator

Question ID : **7518976700**
Option 1 ID : **75189726798**
Option 2 ID : **75189726797**
Option 3 ID : **75189726799**
Option 4 ID : **75189726800**
Status : **Answered**
Chosen Option : **4**

Q.62 Which plateau is spread across Rajasthan, Madhya Pradesh and Gujarat with an average altitude of 500 m?

- Ans**
- 1. Chotanagpur Plateau
 - 2. Deccan Plateau
 - 3. Malwa Plateau
 - 4. Marwar Plateau

Question ID : **7518974080**
Option 1 ID : **75189716319**
Option 2 ID : **75189716317**
Option 3 ID : **75189716318**
Option 4 ID : **75189716320**
Status : **Answered**
Chosen Option : **3**

Q.63 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 4, 5, 11, 20, 36, ?

Ans 1. 67

2. 56

3. 74

4. 71

Question ID : 7518979031

Option 1 ID : 75189736122

Option 2 ID : 75189736121

Option 3 ID : 75189736124

Option 4 ID : 75189736123

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.64 Which of the following molecular formulas is related to cyclic hydrocarbon?

Ans 1. C_7H_{16}

2. C_5H_{12}

3. C_4H_{10}

4. C_6H_{12}

Question ID : 75189710319

Option 1 ID : 75189741273

Option 2 ID : 75189741276

Option 3 ID : 75189741275

Option 4 ID : 75189741274

Status : Answered

Chosen Option : 1

Q.65 Farhan started from his home and walked a distance of 'Y' eastwards. Then, he turned right and walked 10 m. After that, he turned right again and walked 25 m. Then, he took a left turn and walked 10 m, followed by a right turn and walking 15 m. He finally took a right turn and walked 20 m to reach his home. What is the value of Y?

Ans 1. 30m

2. 55m

3. 40m

4. 50m

Question ID : 75189710895

Option 1 ID : 75189743580

Option 2 ID : 75189743577

Option 3 ID : 75189743579

Option 4 ID : 75189743578

Status : Answered

Chosen Option : 3

Q.66 This question is based on the following 3-letter words:

(left) BAT DIG FIT WIN (right)

If 'T' is added before each word, which of the following will form a meaningful English word?

- Ans**
- 1. Only FIT
 - 2. Only BAT
 - 3. Only DIG
 - 4. Only WIN

Question ID : 75189710861

Option 1 ID : 75189743441

Option 2 ID : 75189743442

Option 3 ID : 75189743444

Option 4 ID : 75189743443

Status : Answered

Chosen Option : 4

Q.67 If the digits of the number 31275848 are arranged in decreasing order from left to right, what will be the sum of the first 3 digits from the left?

- Ans**
- 1. 23
 - 2. 20
 - 3. 12
 - 4. 6

Question ID : 7518979786

Option 1 ID : 75189739144

Option 2 ID : 75189739141

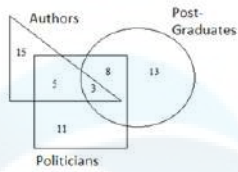
Option 3 ID : 75189739142

Option 4 ID : 75189739143

Status : Answered

Chosen Option : 1

Q.68 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many people are politicians as well as authors but do not have post-graduate degree?

- Ans**
- 1. 11
 - 2. 5
 - 3. 8
 - 4. 3

Question ID : 75189710790

Option 1 ID : 75189743160

Option 2 ID : 75189743157

Option 3 ID : 75189743159

Option 4 ID : 75189743158

Status : Answered

Chosen Option : 2

Q.69 A beam of light parallel to the _____ of a concave mirror, after reflection, will pass through the principal focus.

- Ans**
- 1. focal plane
 - 2. object on the principal axis
 - 3. principal axis
 - 4. surface of mirror

Question ID : 7518979473

Option 1 ID : 75189737892

Option 2 ID : 75189737891

Option 3 ID : 75189737890

Option 4 ID : 75189737889

Status : Answered

Chosen Option : 3

Q.70 Which of the following awards is given to Gram Panchayats/Village Councils for their outstanding contribution to the socio-economic development by involving Gram Sabhas?

Ans 1.

Deen Dayal Upadhyay Panchayat Sashaktikaran Puraskar (DDUPSP)

2.

Nanaji Deshmukh Rashtriya Gaurav Gram Sabha Puraskar (NDRGGSP)

3. Child-friendly Gram Panchayat Award (CFGPA)

4. Gram Panchayat Development Plan Award (GPDPA)

Question ID : 75189710614

Option 1 ID : 75189742453

Option 2 ID : 75189742454

Option 3 ID : 75189742456

Option 4 ID : 75189742455

Status : Answered

Chosen Option : 1

Q.71 Which of the following is a two-carbon molecule?

Ans 1. Glucose

2. Lactic acid

3. Ethanol

4. Pyruvic acid

Question ID : 75189710162

Option 1 ID : 75189740645

Option 2 ID : 75189740646

Option 3 ID : 75189740648

Option 4 ID : 75189740647

Status : Answered

Chosen Option : 3

Q.72 A person sells a sofa at a certain price. If he sold it at 60% of this price, then there will be a loss of 20%. The percentage profit when sofa was sold at the original selling price is:

Ans 1. $33\frac{1}{3}\%$

2. $12\frac{1}{2}\%$

3. $15\frac{1}{2}\%$

4. 12%

Question ID : 7518979247

Option 1 ID : 75189736987

Option 2 ID : 75189736986

Option 3 ID : 75189736985

Option 4 ID : 75189736988

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.73 Refer to the following letter, number and symbol series and answer the question.

(Left) V 2 5 @ f W ¥ # 2 Ω R Q 1 @ F B 4 # H 6 J % Y 3 Z (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the right?

- Ans
- 1. #
 - 2. H
 - 3. J
 - 4. B

Question ID : 75189710843
Option 1 ID : 75189743370
Option 2 ID : 75189743369
Option 3 ID : 75189743371
Option 4 ID : 75189743372
Status : Answered
Chosen Option : 2

Q.74 If the number of sides of a regular polygon is 12, then the measure of each exterior angle is:

- Ans
- 1. 30°
 - 2. 36°
 - 3. 48°
 - 4. 40°

Question ID : 7518979109
Option 1 ID : 75189736435
Option 2 ID : 75189736434
Option 3 ID : 75189736433
Option 4 ID : 75189736436
Status : Answered
Chosen Option : 1

Q.75 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. 12 – Operations on 12 such as adding/ subtracting/multiplying etc. to 12 can be performed. Breaking down 12 into 1 and 2 and then performing mathematical operations on 1 and 2 is not allowed)

(15, 450, 10)

(12, 540, 15)

- Ans
- 1. (9, 18, 81)
 - 2. (5, 60, 6)
 - 3. (5, 25, 5)
 - 4. (11, 330, 10)

Question ID : 7518978319
Option 1 ID : 75189733273
Option 2 ID : 75189733275
Option 3 ID : 75189733274
Option 4 ID : 75189733276
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.76 The value of $72 \div (9 - 7)$ of $3 - 6 \times 2 + 8$ is:

- Ans
- 1. 68
 - 2. 104
 - 3. 44
 - 4. 8

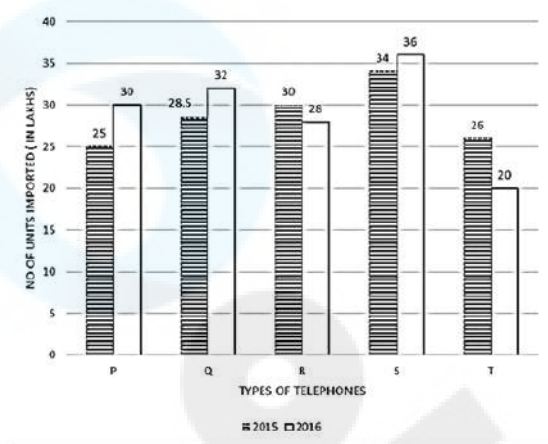
Question ID : 7518979096
Option 1 ID : 75189736384
Option 2 ID : 75189736381
Option 3 ID : 75189736382
Option 4 ID : 75189736383
Status : Answered
Chosen Option : 2

Q.77 In March 2022, which Indian cricketer broke Kapil Dev's record for the highest score by an Indian coming to bat at No. 7 or below in Test cricket by scoring an unbeaten 175 in the test match against Sri Lanka?

- Ans
- 1. Rishabh Pant
 - 2. Virat Kohli
 - 3. Rohit Sharma
 - 4. Ravindra Jadeja

Question ID : 7518978822
Option 1 ID : 75189735286
Option 2 ID : 75189735287
Option 3 ID : 75189735288
Option 4 ID : 75189735285
Status : Answered
Chosen Option : 4

- Q.78** The bar graph given below shows the total number of different types of telephones P, Q, R, S and T (in lakh) imported by a company in 2015 and 2016. Study the graph and answer the question.



The average import of Q and R types of telephones in 2016 was equal to the average import of which types of telephone in 2015?

- Ans**
- 1. P and Q
 - 2. R and S
 - 3. S and T
 - 4. Q and R

Question ID : 75189710963

Option 1 ID : 75189743849

Option 2 ID : 75189743851

Option 3 ID : 75189743852

Option 4 ID : 75189743850

Status : Answered

Chosen Option : 3

- Q.79** The L.C.M. of 70, 28 and 42 is _____.

- Ans**
- 1. 700
 - 2. 116
 - 3. 280
 - 4. 420

Question ID : 75189710633

Option 1 ID : 75189742529

Option 2 ID : 75189742532

Option 3 ID : 75189742530

Option 4 ID : 75189742531

Status : Answered

Chosen Option : 4

Q.80 Which of the following term will replace the question mark (?) in the given series to make it logically complete?

TR11, QO16, NL21, KI26, ?

- Ans**
- 1. HF31
 - 2. KG33
 - 3. HF33
 - 4. KG31

Question ID : 75189711017
Option 1 ID : 75189744065
Option 2 ID : 75189744068
Option 3 ID : 75189744066
Option 4 ID : 75189744067
Status : Answered
Chosen Option : 1

Q.81 All the students of a class are sitting in a queue facing north. Priti is at 17th position from the start of the queue. Poonam is sitting ahead of Priti and there are exactly four students between them. Poonam is at 16th position from the end of the queue. How many students are there in the class?

- Ans**
- 1. 29
 - 2. 27
 - 3. 26
 - 4. 37

Question ID : 75189710992
Option 1 ID : 75189743966
Option 2 ID : 75189743965
Option 3 ID : 75189743968
Option 4 ID : 75189743967
Status : Answered
Chosen Option : 2

Q.82 Six people, A, B, C, D, E and F are sitting in a straight line, facing North (but not necessarily in the same order). Only one person sits to the left of D. Only two persons sit between F and C. B sits third to the right of E. D sits to the immediate left of F. E sits at the extreme left end. Who among the following has A and F as his immediate neighbours?

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

Question ID : 75189710742
Option 1 ID : 75189742965
Option 2 ID : 75189742967
Option 3 ID : 75189742968
Option 4 ID : 75189742966
Status : Answered
Chosen Option : 3

Q.83 The discriminant of the equation $4x^2 - 5x - 3 = 0$ is:

- Ans
- ✓ 1. 73
 - ✗ 2. -73
 - ✗ 3. 23
 - ✗ 4. -23

Question ID : 7518978759
Option 1 ID : 75189735036
Option 2 ID : 75189735035
Option 3 ID : 75189735034
Option 4 ID : 75189735033
Status : Answered
Chosen Option : 1

Q.84 $16x^2 + 4y^2 + 25z^2 - 16xy + 20yz - 40zx$ is equal to:

- Ans
- ✗ 1. $(4x + 2y - 5z)^2$
 - ✗ 2. $(4x - 2y + 5z)^2$
 - ✗ 3. $(4x + 2y + 5z)^2$
 - ✓ 4. $(4x - 2y - 5z)^2$

Question ID : 7518979278
Option 1 ID : 75189737109
Option 2 ID : 75189737110
Option 3 ID : 75189737111
Option 4 ID : 75189737112
Status : Answered
Chosen Option : 4

Q.85 Read the given statement and the arguments carefully and select the appropriate answer from the given options.

Statement:

Indian society is a symbol of unity in diversity.

Arguments:

- I. People of different cultures celebrate their identity in Indian society.
- II. Brain-drain in India is an indicator of unity in diversity.

- Ans**
- 1. I weakens while II strengthens the statement.
 - 2. Both I and II strengthen the statement.
 - 3. II weakens while I strengthens the statement.
 - 4. Both I and II weaken the statement.

Question ID : 75189711127

Option 1 ID : 75189744505

Option 2 ID : 75189744508

Option 3 ID : 75189744506

Option 4 ID : 75189744507

Status : Answered

Chosen Option : 3

Q.86 In this question, the statement is followed by four conclusions. Find out which conclusion is true based on the given statement:

Statement: $E < H < K = G > F > D$

- Ans**
- 1. $G > E$
 - 2. $K < E$
 - 3. $D > G$
 - 4. $K < D$

Question ID : 75189710804

Option 1 ID : 75189743216

Option 2 ID : 75189743213

Option 3 ID : 75189743214

Option 4 ID : 75189743215

Status : Answered

Chosen Option : 1

Q.87 A strong magnet is moved towards a stationary coil. The induced current in the coil is the minimum when the angle between the direction of motion of the magnet and the plane of the coil is _____.

- Ans
- 1. 60°
 - 2. 30°
 - 3. 0°
 - 4. 90°

Question ID : **7518976756**
Option 1 ID : **75189727023**
Option 2 ID : **75189727022**
Option 3 ID : **75189727021**
Option 4 ID : **75189727024**
Status : **Not Answered**
Chosen Option : --

Q.88 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.

DHP : HLT

MSO : QWS

- Ans
- 1. WSE : WJO
 - 2. SEW : WOJ
 - 3. SWE : WJO
 - 4. SKF : WOJ

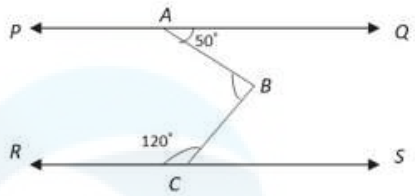
Question ID : **7518979869**
Option 1 ID : **75189739476**
Option 2 ID : **75189739474**
Option 3 ID : **75189739475**
Option 4 ID : **75189739473**
Status : **Answered**
Chosen Option : 4

Q.89 What is the primary purpose of rainwater harvesting?

- Ans
- 1. Reduce dependence on municipality water
 - 2. Collect pure fresh drinking water
 - 3. Help each raindrop to seep into the ground
 - 4. Promote drip irrigation

Question ID : **75189710144**
Option 1 ID : **75189740575**
Option 2 ID : **75189740574**
Option 3 ID : **75189740573**
Option 4 ID : **75189740576**
Status : **Answered**
Chosen Option : 3

Q.90 What is the measure of $\angle ABC$ in the given figure, given that $PQ \parallel RS$?



- Ans
- 1. 140°
 - 2. 90°
 - 3. 110°
 - 4. 70°

Question ID : 7518979106

Option 1 ID : 75189736422

Option 2 ID : 75189736421

Option 3 ID : 75189736423

Option 4 ID : 75189736424

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.91 Refer to the following number series and answer the question.

6 3 5 3 5 6 3 2 2 2 5 1 9 5 4 8 9 5 2 7

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

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

Question ID : 7518975004

Option 1 ID : 75189720015

Option 2 ID : 75189720016

Option 3 ID : 75189720014

Option 4 ID : 75189720013

Status : Answered

Chosen Option : 3

Q.92 Systolic pressure is a measure of _____.

- Ans
- 1. atrial relaxation
 - 2. ventricular relaxation
 - 3. atrial contraction
 - 4. ventricular contraction

Question ID : 75189710098
Option 1 ID : 75189740391
Option 2 ID : 75189740389
Option 3 ID : 75189740392
Option 4 ID : 75189740390
Status : Not Answered
Chosen Option : --

Q.93 Which of the following aqueous solutions is formed when copper sulphate solution reacts with zinc metal?

- Ans
- 1. Zinc sulphate
 - 2. Zinc oxide
 - 3. Zinc cuprite
 - 4. Zinc sulphide

Question ID : 75189710343
Option 1 ID : 75189741372
Option 2 ID : 75189741369
Option 3 ID : 75189741371
Option 4 ID : 75189741370
Status : Answered
Chosen Option : 1

Q.94 In this question, a group of letters is coded using symbols as per the table given below and the conditions which follow.
The correct combination of codes following the conditions is your answer.

Letters	A	S	V	J	I	L	N	E
Codes	@	>	^	%	=	#	S	+

Conditions:

1. If both the first and the last letters of the word are vowels, then both these letters will be coded as '&'.
&
2. If both the first and the last letters of the word are consonants, then the first letter of the word will be coded as '*'.
*

What will be the code for the word 'JAVELINS'?

- Ans**
- 1. % @ ^ + # = S >
 - 2. % @ ^ + # = S *
 - 3. * @ ^ + # = S >
 - 4. % > ^ + # = S >

Question ID : 75189710880

Option 1 ID : 75189743519

Option 2 ID : 75189743518

Option 3 ID : 75189743520

Option 4 ID : 75189743517

Status : Answered

Chosen Option : 3

Q.95 A certain number of people are sitting in a row facing north. Y sits fourth to the right of A. Only four people sit between Y and Z. B sits second to the left of Z. Only one person sits between Z and C. X sits to the immediate right of C. X 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. 14
 - 2. 13
 - 3. 15
 - 4. 12

Question ID : 7518979821

Option 1 ID : 75189739283

Option 2 ID : 75189739281

Option 3 ID : 75189739282

Option 4 ID : 75189739284

Status : Answered

Chosen Option : 2

Q.96 According to Constitution of India, which is NOT a fundamental duty of a citizen from following?

Ans 1.

To defend the country and render national service when called upon to do so

2.

To treat men and women equally, have the right to an adequate means of livelihood

3.

To cherish and follow the noble ideals which inspired our national struggle for freedom

4.

To value and preserve the rich heritage of our composite culture

Question ID : 75189710491

Option 1 ID : 75189741962

Option 2 ID : 75189741963

Option 3 ID : 75189741964

Option 4 ID : 75189741961

Status : Answered

Chosen Option : 1

Q.97 When a photograph of Earth is taken from space its background looks dark because of:

Ans 1. no refraction of light

2. no reflection of light

3. no dispersion of light

4. no scattering of light

Question ID : 7518979532

Option 1 ID : 75189738126

Option 2 ID : 75189738125

Option 3 ID : 75189738127

Option 4 ID : 75189738128

Status : Answered

Chosen Option : 1

Q.98 Which of the following will NOT react with oxygen at high temperature?

Ans 1. Aluminium

2. Nichrome

3. Iron

4. Copper

Question ID : 7518979550

Option 1 ID : 75189738199

Option 2 ID : 75189738198

Option 3 ID : 75189738200

Option 4 ID : 75189738197

Status : Answered

Chosen Option : 2

Q.99 In general, the oxides of metals are _____ in nature.

- Ans
- 1. basic
 - 2. acidic
 - 3. neutral
 - 4. amphoteric

Question ID : 7518979702
Option 1 ID : 75189738806
Option 2 ID : 75189738805
Option 3 ID : 75189738807
Option 4 ID : 75189738808
Status : Answered
Chosen Option : 1

Q.100 According to the Government budget of 2022-23, what is the estimated growth rate of the Indian economy for financial year 2022-23?

- Ans
- 1. 9.4%
 - 2. 9.1%
 - 3. 9.2%
 - 4. 9.3%

Question ID : 75189710456
Option 1 ID : 75189741824
Option 2 ID : 75189741821
Option 3 ID : 75189741822
Option 4 ID : 75189741823
Status : Answered
Chosen Option : 3