



RRB GROUP - D **SHIFT - 3** (14-09-2022)

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रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन आर आर सी - ०१/२०१९ - CEN RRC - 01/2019



Test Date	14/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

*** Note**

Correct Answer will carry 1 mark per Question.

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

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

Q.1 Simplify $34 - 66 \div 6 + 18 \times 8$.

- Ans
- 1. 104
 - 2. 138
 - 3. -600
 - 4. 167



Question ID : 7518979092
Option 1 ID : 75189736365
Option 2 ID : 75189736367
Option 3 ID : 75189736368
Option 4 ID : 75189736366
Status : Answered
Chosen Option : 4

Q.2 Raghav's monthly salary is ₹18,000. Raghav took a loan of ₹30,000 on simple interest for 3 years at the rate of 5% per annum. The amount that he will be paying as simple interest in 3 years is what percentage of his monthly salary?

- Ans
- 1. 20%
 - 2. 30%
 - 3. 25%
 - 4. 35%

Question ID : 7518979102
Option 1 ID : 75189736406
Option 2 ID : 75189736407
Option 3 ID : 75189736405
Option 4 ID : 75189736408
Status : Answered
Chosen Option : 3

Q.3 In electrical geyser _____ energy is converted to _____.

- Ans
- 1. Electrical, heat
 - 2. Mechanical, electrical
 - 3. Electrical, magnetic
 - 4. Electrical, light

Question ID : 7518979563
Option 1 ID : 75189738251
Option 2 ID : 75189738250
Option 3 ID : 75189738249
Option 4 ID : 75189738252
Status : Answered
Chosen Option : 1

Q.4 If 19 November 2005 is a Saturday, then what will be the day of the week on 23 November 2008?

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

Question ID : 7518979150
Option 1 ID : 75189736600
Option 2 ID : 75189736597
Option 3 ID : 75189736599
Option 4 ID : 75189736598
Status : Answered
Chosen Option : 4

Q.5

The historic place 'Chauri Chaura' is situated in which state?

- Ans
- 1. Himachal Pradesh
 - 2. Uttar Pradesh
 - 3. Andhra Pradesh
 - 4. Kerala

Question ID : 7518973801
Option 1 ID : 75189715201
Option 2 ID : 75189715203
Option 3 ID : 75189715202
Option 4 ID : 75189715204
Status : Answered
Chosen Option : 2

Q.6 Evaluate 999^3 .

- Ans
- 1. 997005999
 - 2. 997002999
 - 3. 997003999
 - 4. 997004999

Question ID : 7518979983
Option 1 ID : 75189739932
Option 2 ID : 75189739929
Option 3 ID : 75189739930
Option 4 ID : 75189739931
Status : Answered
Chosen Option : 2

Q.7 Each vowel in the word THUNDER is changed to the letter following it in the English alphabetical order and each consonant is changed to the letter preceding it in the English alphabetical order. Which of the following letters will appear in the middle of the group of letters thus formed?

- Ans
- 1. V
 - 2. O
 - 3. M
 - 4. N

Question ID : 75189710839
Option 1 ID : 75189743355
Option 2 ID : 75189743353
Option 3 ID : 75189743354
Option 4 ID : 75189743356
Status : Answered
Chosen Option : 3

Q.8 Garhwal was the birthplace of the _____.

- Ans
- 1. Chipko Movement
 - 2. Narmada Bachao Andolan
 - 3. Jungle Bachao Andolan
 - 4. Bishnoi Movement

Question ID : 7518974497
Option 1 ID : 75189717988
Option 2 ID : 75189717986
Option 3 ID : 75189717987
Option 4 ID : 75189717985
Status : Answered
Chosen Option : 1

Q.9 In which of the following states are the Palitana temples, a Jain pilgrimage site, located?

- Ans
- 1. Rajasthan
 - 2. Karnataka
 - 3. Gujarat
 - 4. Jharkhand

Question ID : 7518977492
Option 1 ID : 75189729967
Option 2 ID : 75189729968
Option 3 ID : 75189729966
Option 4 ID : 75189729965
Status : Answered
Chosen Option : 1

Q.10 Factorise $49a^2 + 70ab + 25b^2$.

- Ans
- 1. $(7a - 5b)^2$
 - 2. $(7a + 5b)^2$
 - 3. $(5a - 7b)^2$
 - 4. $(5a + 7b)^2$

Question ID : 7518979978
Option 1 ID : 75189739911
Option 2 ID : 75189739909
Option 3 ID : 75189739912
Option 4 ID : 75189739910
Status : Answered
Chosen Option : 2

Q.11 We can obtain an image that is real and of equal size when an object is placed _____ of a _____ mirror.

- Ans
- 1. between P and F, concave
 - 2. at F, concave
 - 3. at F, convex
 - 4. at C, concave

Question ID : 7518979463
Option 1 ID : 75189737852
Option 2 ID : 75189737851
Option 3 ID : 75189737849
Option 4 ID : 75189737850
Status : Answered
Chosen Option : 4

Q.12 The LCM of 36, 48, 120 and 300 is:

- Ans
- 1. 1800
 - 2. 1200
 - 3. 3600
 - 4. 900

Question ID : 7518979916
Option 1 ID : 75189739663
Option 2 ID : 75189739662
Option 3 ID : 75189739664
Option 4 ID : 75189739661
Status : Answered
Chosen Option : 3

Q.13 Which of the following is the most environment-friendly method of disposing of organic wastes?

- Ans
- 1. Incineration
 - 2. Landfills
 - 3. Development of value-added products
 - 4. Composting

Question ID : 7518974478
Option 1 ID : 75189717910
Option 2 ID : 75189717909
Option 3 ID : 75189717912
Option 4 ID : 75189717911
Status : Answered
Chosen Option : 2

Q.14 On 7 March 2022, the Ministry of Women and Child Development (MoWCD), in partnership with the Ministry of Education and UNICEF, launched a landmark campaign to bring back out of school adolescent girls in India to the formal education and/or skilling system. What is the name of this campaign?

- Ans
- 1. Kanya Pravesh Utsav
 - 2. Kanya Shikhsan Utsav
 - 3. Kanya Pathshala Utsav
 - 4. Kanya Shikhsa Pravesh Utsav

Question ID : 7518979367
Option 1 ID : 75189737466
Option 2 ID : 75189737468
Option 3 ID : 75189737465
Option 4 ID : 75189737467
Status : Answered
Chosen Option : 4

Q.15 Which of the following industries does NOT use washing soda?

- Ans
- 1. Paper
 - 2. Soap
 - 3. Glass
 - 4. Cosmetic

Question ID : 75189710370
Option 1 ID : 75189741480
Option 2 ID : 75189741477
Option 3 ID : 75189741478
Option 4 ID : 75189741479
Status : Answered
Chosen Option : 3

Q.16 As per the Ministry of Mines, as of 2021, 44% of the country's primary gold ore reserves is in _____

- Ans
- 1. Bihar
 - 2. Rajasthan
 - 3. Karnataka
 - 4. Jharkhand

Question ID : 7518978573
Option 1 ID : 75189734292
Option 2 ID : 75189734289
Option 3 ID : 75189734290
Option 4 ID : 75189734291
Status : Answered
Chosen Option : 1

Q.17 What are the group numbers of halogens and carbon family, respectively, in the modern periodic table?

- Ans
- 1. Group 16 and Group 17
 - 2. Group 17 and Group 14
 - 3. Group 16 and Group 14
 - 4. Group 18 and Group 14

Question ID : 75189710391
Option 1 ID : 75189741563
Option 2 ID : 75189741564
Option 3 ID : 75189741562
Option 4 ID : 75189741561
Status : Answered
Chosen Option : 2

Q.18 Which of the following statements correctly describes water transport in plants?

Ans 1.

The process which is the main driving force of water into the xylem during the day is root pressure.

2.

The process in which loss of water takes place in the form of water vapour through stomata is called transpiration.

3.

The process of water loss from stomata requires energy in the form of ATP.

4.

The process by which water is pulled from the xylem cells of the roots into leaves is called translocation.

Question ID : 7518977803

Option 1 ID : 75189731212

Option 2 ID : 75189731209

Option 3 ID : 75189731210

Option 4 ID : 75189731211

Status : Answered

Chosen Option : 2

Q.19 Two trains are moving in opposite directions at speeds of 80 km/h and 120 km/h. The length of one train is 300 m. The time taken by them to cross each other is 12 seconds. The length (in m) of the other train, correct to 2 decimal places, is:

Ans 1. 388.88

2. 333.33

3. 377.77

4. 366.67

Question ID : 7518979960

Option 1 ID : 75189739840

Option 2 ID : 75189739837

Option 3 ID : 75189739839

Option 4 ID : 75189739838

Status : Answered

Chosen Option : 4

Q.20 All 24 students of a class are standing in a straight row facing north. Neha is 8th from the right end, while Abhishek is 20th from the left end. How many students are standing between Neha and Abhishek?

Ans 1. 2

2. 1

3. 4

4. 3

Question ID : 7518979813

Option 1 ID : 75189739249

Option 2 ID : 75189739252

Option 3 ID : 75189739250

Option 4 ID : 75189739251

Status : Answered

Chosen Option : 1

Q.21 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

BKS36, GPX48, LUC60, QZH72,?

- Ans
- 1. VEM88
 - 2. MVE84
 - 3. VEM84
 - 4. MVE88

Question ID : 7518979145
Option 1 ID : 75189736579
Option 2 ID : 75189736580
Option 3 ID : 75189736577
Option 4 ID : 75189736578
Status : Answered
Chosen Option : 3

Q.22 What is good way to get relief from leg muscle cramps after intense activity?

- Ans
- 1. Gentle massage with warm pads
 - 2. Applying a pain reliever ointment
 - 3. Rubbing legs with an ice-pack
 - 4. Drinking warm sweet milk or tea

Question ID : 75189710093
Option 1 ID : 75189740371
Option 2 ID : 75189740370
Option 3 ID : 75189740369
Option 4 ID : 75189740372
Status : Answered
Chosen Option : 3

Q.23 A group of numbers/symbols is coded using letters as per the table given below and the conditions that follow. The correct combination of codes following the conditions is your answer.

Number/ symbol	6	%	8	9	@	\$	5	4	^	+	#	3	7	9
Code Letter	G	O	H	Q	T	M	A	B	L	M	F	S	Q	R

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 for 3 @ 4 # 4 ?

- Ans
- 1. STBF©
 - 2. ©TBF©
 - 3. ©TFBC
 - 4. SFTF©

Question ID : 75189711051
Option 1 ID : 75189744201
Option 2 ID : 75189744204
Option 3 ID : 75189744203
Option 4 ID : 75189744202
Status : Answered

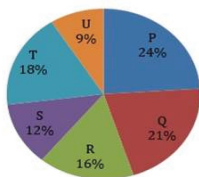
Q.24 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 5374816. What will be the product of the digits which are second from the left and second from the right in the new number thus formed?

- Ans
- 1. 20
 - 2. 15
 - 3. 3
 - 4. 28

Question ID : 75189710947
Option 1 ID : 75189743785
Option 2 ID : 75189743788
Option 3 ID : 75189743786
Option 4 ID : 75189743787
Status : Answered
Chosen Option : 2

Q.25 The given pie chart shows the number of students in six different Houses- P, Q, R, S, T and U of VV International School. Study the chart and answer the question.

Total number of students = 2400



Find the ratio of students in House S to students in House T.

- Ans
- 1. 3 : 4
 - 2. 1 : 2
 - 3. 4 : 7
 - 4. 2 : 3

Question ID : 75189710966
Option 1 ID : 75189743862
Option 2 ID : 75189743861
Option 3 ID : 75189743864
Option 4 ID : 75189743863
Status : Answered
Chosen Option : 4

Q.26 In preparation of NaOH by electrolytic method, which solution is used?

- Ans
- 1. Lime water
 - 2. Brine
 - 3. Bromine water
 - 4. Chlorine water

Question ID : 7518979645
Option 1 ID : 75189738577
Option 2 ID : 75189738578
Option 3 ID : 75189738579
Option 4 ID : 75189738580
Status : Answered
Chosen Option : 2

Q.27 What do you call an economic contraction (recession) followed by an expansion?

- Ans**
- 1. Business Cycle
 - 2. Production function
 - 3. Adaptive Expectations
 - 4. Balance of payment

Question ID : 7518978882
Option 1 ID : 75189735528
Option 2 ID : 75189735527
Option 3 ID : 75189735526
Option 4 ID : 75189735525
Status : Answered
Chosen Option : 2

Q.28 Read the given statement and arguments carefully and select the appropriate answer from the given options.

Statement:

Unemployment among youth has emerged as the biggest challenge in post-COVID-19 times.

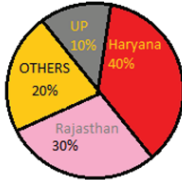
Arguments:

- I. Many small-scale industries stopped working during the COVID period.
- II. People do not want to work in small scale industries.

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

Q.29 Study the given pie chart and answer the question that follows.

The pie-chart shows the number of tourists visiting from different states. The total tourist traffic is 20 lakh.



Find the difference between the number of tourists visiting from Haryana and Rajasthan.

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

Question ID : 75189711082
Option 1 ID : 75189744326
Option 2 ID : 75189744328
Option 3 ID : 75189744327
Option 4 ID : 75189744325
Status : Answered
Chosen Option : 3

Q.30 Read the given statements and conclusions carefully and decide which of the given conclusions logically follows the statements.

Statements:

1. $D \geq S$
2. $X < W$
3. $S = J$
4. $W > Y$
5. $X > D$
6. $J \geq E$

Conclusions:

- I. $D < Y$
- II. $D = E$
- III. $E = S$
- IV. $W > J$

- Ans**
- 1. Only conclusion IV follows
 - 2. Only conclusion I follows
 - 3. Only conclusion II follows
 - 4. Only conclusion III follows

Question ID : 7518977942
Option 1 ID : 75189731767
Option 2 ID : 75189731765
Option 3 ID : 75189731766
Option 4 ID : 75189731768
Status : Answered
Chosen Option : 3

Q.31 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.

72 : 90 :: 48 : 60 :: 24 : ?

- Ans**
- 1. 32
 - 2. 24
 - 3. 30
 - 4. 40

Question ID : 75189710925
Option 1 ID : 75189743700
Option 2 ID : 75189743698
Option 3 ID : 75189743699
Option 4 ID : 75189743697
Status : Answered
Chosen Option : 3

Q.32 A shopkeeper marked the price of an article at 10% higher than its cost price. He then gives two successive discounts of 5% each. What is his loss or profit percentage?

- Ans**
- 1. 0.525% loss
 - 2. 0.725% profit
 - 3. 0.525% profit
 - 4. 0.725% loss

Question ID : 7518979954
Option 1 ID : 75189739814
Option 2 ID : 75189739815
Option 3 ID : 75189739816
Option 4 ID : 75189739813
Status : Answered
Chosen Option : 4

Q.33 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.

OKD : RNG

MKS : PNV

- Ans**
- 1. RVH : UYK
 - 2. HKV : EKH
 - 3. RVH : VUK
 - 4. HVK : UKH

Question ID : 7518979871
Option 1 ID : 75189739481
Option 2 ID : 75189739484
Option 3 ID : 75189739482
Option 4 ID : 75189739483
Status : Answered
Chosen Option : 1

Q.34 Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

23 35 76 87 45 28 49 98 56 34 37 48 78 75 64 89 73

What will be the product of numbers that is third from the left end and fifth from the right end in the above series?

- Ans**
- 1. 4586
 - 2. 2880
 - 3. 5928
 - 4. 6525

Question ID : 7518978993
Option 1 ID : 75189735972
Option 2 ID : 75189735970
Option 3 ID : 75189735971
Option 4 ID : 75189735969
Status : Answered
Chosen Option : 3

Q.35 The _____ Constitutional Amendment Act of 1992 was responsible for adding Part IX to the Constitution, 'The Panchayats'.

- Ans**
- 1. 74th
 - 2. 83rd
 - 3. 7th
 - 4. 73rd

Question ID : 75189710501
Option 1 ID : 75189742003
Option 2 ID : 75189742004
Option 3 ID : 75189742001
Option 4 ID : 75189742002
Status : Answered
Chosen Option : 4

Q.36 The ratio of the lengths of two corresponding sides of two similar triangles is 3 : 1. The ratio of their corresponding angles is:

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

Question ID : 75189710041
Option 1 ID : 75189740163
Option 2 ID : 75189740161
Option 3 ID : 75189740164
Option 4 ID : 75189740162
Status : Answered
Chosen Option : 1

Q.37 Which of the following carry/carries digested and absorbed fat from the intestine?

- Ans**
- 1. Plasma
 - 2. Lymph
 - 3. Platelets
 - 4. Veins

Question ID : 7518977833
Option 1 ID : 75189731329
Option 2 ID : 75189731330
Option 3 ID : 75189731331
Option 4 ID : 75189731332
Status : Answered
Chosen Option : 4

Q.38 An object is placed on the principal axis of a convex lens, at a point beyond $2F_1$. Its image formed is _____.

- Ans**
- 1. real and enlarged
 - 2. virtual and diminished
 - 3. virtual and enlarged
 - 4. real and diminished

Question ID : 7518976624
Option 1 ID : 75189726495
Option 2 ID : 75189726494
Option 3 ID : 75189726496
Option 4 ID : 75189726493
Status : Answered
Chosen Option : 4

Q.39 Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some apricots are peaches.
2. Some kiwis are apricots.
3. All apricots are sweet-limes.

Conclusions:

- I. Some sweet-limes are kiwis.
- II. No peach is sweet-lime.

- Ans**
- 1. Either conclusion I or II follow
 - 2. Only conclusion II follows
 - 3. Only conclusion I follows
 - 4. Both conclusions I and II follow

Question ID : 75189710783
Option 1 ID : 75189743131
Option 2 ID : 75189743130
Option 3 ID : 75189743129
Option 4 ID : 75189743132
Status : Answered
Chosen Option : 3

Q.40 As of August 2022, what is the prescribed maximum age of the subscriber under Atal Pension Yojana (APY) when the minimum prescribed age is 18 years?

- Ans**
- 1. 60 years
 - 2. 55 years
 - 3. 40 years
 - 4. 35 years

Question ID : 7518971111
Option 1 ID : 75189744444
Option 2 ID : 75189744443
Option 3 ID : 75189744442
Option 4 ID : 75189744441
Status : Answered
Chosen Option : 2

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

- Ans**
- 1. Concurrent list
 - 2. Directive principles of state policy
 - 3. Fundamental duties
 - 4. Single citizenship

Question ID : 7518979435
Option 1 ID : 75189737737
Option 2 ID : 75189737738
Option 3 ID : 75189737740
Option 4 ID : 75189737739
Status : Answered
Chosen Option : 4

Q.42 Which of the following coloured precipitates is formed when lead (II) nitrate and potassium iodide are mixed together?

- Ans**
- 1. Violet
 - 2. Green
 - 3. Yellow
 - 4. Black

Question ID : 75189710346
Option 1 ID : 75189741382
Option 2 ID : 75189741383
Option 3 ID : 75189741381
Option 4 ID : 75189741384
Status : Not Answered
Chosen Option : --

Q.43 If 2, 3, 8 and y are in proportion, find the value of y.

- Ans
- 1. 16
 - 2. 48
 - 3. 24
 - 4. 12

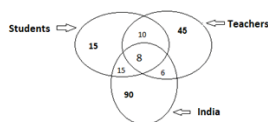
Question ID : 75189710649
Option 1 ID : 75189742595
Option 2 ID : 75189742593
Option 3 ID : 75189742594
Option 4 ID : 75189742596
Status : Answered
Chosen Option : 4

Q.44 If $-\frac{2}{3}$ is a root of the equation $kx^2 - 13x - 10 = 0$, then the value of k is:

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

Question ID : 7518978767
Option 1 ID : 75189735068
Option 2 ID : 75189735066
Option 3 ID : 75189735065
Option 4 ID : 75189735067
Status : Answered
Chosen Option : 4

Q.45 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of persons.



How many such students are there who are also teachers but NOT from India?

- Ans
- 1. 20
 - 2. 10
 - 3. 12
 - 4. 60

Question ID : 7518979828
Option 1 ID : 75189739311
Option 2 ID : 75189739309
Option 3 ID : 75189739310
Option 4 ID : 75189739312
Status : Answered
Chosen Option : 2

Q.46 The average of 3^2 , 4^2 , 5^2 , 6^2 and 7^2 is _____.

- Ans
- 1. 25
 - 2. 24
 - 3. 27
 - 4. 28

Question ID : 75189710679
Option 1 ID : 75189742715
Option 2 ID : 75189742716
Option 3 ID : 75189742714
Option 4 ID : 75189742713
Status : Answered
Chosen Option : 3

Q.47 Where is the ozone hole located?

- Ans
- 1. Over the Equator
 - 2. Over the North and South Poles
 - 3. Over industrialised Europe
 - 4. Over Antarctica

Question ID : 75189710127
Option 1 ID : 75189740505
Option 2 ID : 75189740506
Option 3 ID : 75189740507
Option 4 ID : 75189740508
Status : Answered
Chosen Option : 4

Q.48 If the digits 6 and 5 are replaced with 3 and 9, respectively, in the number 265367856, what will be the sum of the 1st and the 5th digits (when counted from the left) in the new number thus formed?

- Ans
- 1. 17
 - 2. 5
 - 3. 13
 - 4. 8

Question ID : 75189711077
Option 1 ID : 75189744308
Option 2 ID : 75189744306
Option 3 ID : 75189744307
Option 4 ID : 75189744305
Status : Answered
Chosen Option : 2

Q.49 A boy covers 450 m in 2 minutes 30 seconds. How many kilometres will he cover in an hour if he travels at the same speed mentioned above?

- Ans**
- 1. 13.5
 - 2. 12.8
 - 3. 10.8
 - 4. 9.6

Question ID : 75189710667
Option 1 ID : 75189742665
Option 2 ID : 75189742667
Option 3 ID : 75189742666
Option 4 ID : 75189742668
Status : Answered
Chosen Option : 3

Q.50 Jyoti starts from the mall and drives 4 km towards West. She then takes a left turn, drives 8 km, turns left and drives 24 km. She then takes a left turn and drives 6 km. She then turns left, drives 6 km and reaches her home. Which direction is the mall with reference to her home?

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

Question ID : 75189710888
Option 1 ID : 75189743550
Option 2 ID : 75189743551
Option 3 ID : 75189743549
Option 4 ID : 75189743552
Status : Answered
Chosen Option : 1

Q.51 40 students of a class are standing in a queue according to the increasing order of their heights. Suhani is 8th from the front, while Syma is 8th from the back. How many students are standing between Suhani and Syma?

- Ans**
- 1. 21
 - 2. 24
 - 3. 23
 - 4. 25

Question ID : 7518979713
Option 1 ID : 75189738849
Option 2 ID : 75189738851
Option 3 ID : 75189738850
Option 4 ID : 75189738852
Status : Answered
Chosen Option : 3

Q.52 Which of the following numbers will replace the question mark (?) in the given series?

87, 76, 67, 60, 55, ?

- Ans**
- 1. 50
 - 2. 53
 - 3. 51
 - 4. 52

Question ID : 75189710923
Option 1 ID : 75189743689
Option 2 ID : 75189743692
Option 3 ID : 75189743690
Option 4 ID : 75189743691
Status : Answered
Chosen Option : 4

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

8 : 32 :: 18 : 162 :: 16 : ?

- Ans**
- 1. 118
 - 2. 128
 - 3. 130
 - 4. 120

Question ID : 75189710929
Option 1 ID : 75189743713
Option 2 ID : 75189743715
Option 3 ID : 75189743714
Option 4 ID : 75189743716
Status : Answered
Chosen Option : 2

Q.54 Electromagnetic induction is the phenomenon wherein:

- Ans**
- 1. a moving closed loop of a conductor induces an EMF in the closed loop of another conductor
 - 2. a moving magnet exerts force on the closed loop of a conductor
 - 3. a moving magnet induces an EMF in the closed loop of a conductor
 - 4. a moving coil carrying current induces force on the magnet

Question ID : 75189711175
Option 1 ID : 75189744698
Option 2 ID : 75189744699
Option 3 ID : 75189744697
Option 4 ID : 75189744700
Status : Answered
Chosen Option : 4

Q.55 The marks scored by 10 students are given below.

17, 13, 18, 11, 15, 13, 19, 18, 13, 17

The mode of the data is:

- Ans
- 1. 11
 - 2. 17
 - 3. 13
 - 4. 19

Question ID : 7518979972
Option 1 ID : 75189739887
Option 2 ID : 75189739886
Option 3 ID : 75189739885
Option 4 ID : 75189739888
Status : Answered
Chosen Option : 3

Q.56 Which of the following industries has developed the most on the banks of the Hooghly river?

- Ans
- 1. Sugar Industry
 - 2. Dairy Industry
 - 3. Iron-ore Industry
 - 4. Jute Industry

Question ID : 7518977516
Option 1 ID : 75189730061
Option 2 ID : 75189730062
Option 3 ID : 75189730063
Option 4 ID : 75189730064
Status : Answered
Chosen Option : 4

Q.57 The volume (in m^3) of a cube, each of whose edges is 9 m, is:

- Ans
- 1. 648
 - 2. 527
 - 3. 486
 - 4. 729

Question ID : 75189710029
Option 1 ID : 75189740115
Option 2 ID : 75189740114
Option 3 ID : 75189740113
Option 4 ID : 75189740116
Status : Answered
Chosen Option : 4

Q.58 The Norman Borlaug National Excellence Award is given for excellence in which research field?

- Ans**
- ✓ 1. Agricultural Sciences
 - ✗ 2. Physical Sciences
 - ✗ 3. Chemical Sciences
 - ✗ 4. Energy Sciences

Question ID : 7518973954
Option 1 ID : 75189715813
Option 2 ID : 75189715816
Option 3 ID : 75189715815
Option 4 ID : 75189715814
Status : Answered
Chosen Option : 1

Q.59 Parenchyma tissue is the most common simple permanent tissue in plants. Why is it known as Chlorenchyma and Aerenchyma in some plants?

- Ans**
- ✗ 1.
Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — has chlorophyll for photosynthesis
 - ✗ 2.
Chlorenchyma — Has air spaces (aquatic plants) and helps them to float

Aerenchyma — provides mechanical support
 - ✗ 3.
Chlorenchyma — supports the plant

Aerenchyma — Has chlorophyll for photosynthesis (leaves)
 - ✓ 4.
Chlorenchyma — Has chlorophyll for photosynthesis (leaves)

Aerenchyma — Has air spaces (aquatic plants) and helps them to float

Question ID : 7518974514
Option 1 ID : 75189718055
Option 2 ID : 75189718056
Option 3 ID : 75189718054
Option 4 ID : 75189718053
Status : Answered
Chosen Option : 3

Q.60 Amit starts from Point Y and drives 8 km towards the north. He then takes a right turn, drives 12 km, turns right and drives 11 km. He then takes a right turn and drives 15 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 Y from Point Z? (All turns are 90 degree turns only)

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

Question ID : 7518979863
Option 1 ID : 75189739451
Option 2 ID : 75189739449
Option 3 ID : 75189739452
Option 4 ID : 75189739450
Status : Answered
Chosen Option : 1

Q.61 The roots of the equation $\sqrt{3}x^2 - 8x + 5\sqrt{3} = 0$ are:

- Ans**
- ✗ 1. $-\sqrt{3}, \frac{-5}{\sqrt{3}}$
 - ✗ 2. $\sqrt{3}, \frac{-5}{\sqrt{3}}$
 - ✓ 3. $\sqrt{3}, \frac{5}{\sqrt{3}}$
 - ✗ 4. $-\sqrt{3}, \frac{5}{\sqrt{3}}$

Question ID : 7518978764
Option 1 ID : 75189735055
Option 2 ID : 75189735054
Option 3 ID : 75189735056
Option 4 ID : 75189735053
Status : Answered
Chosen Option : 3

Q.62 Which of the following is an INCORRECT relation between V, I and R?

- Ans**
- ✓ 1. $V = \frac{R}{I}$
 - ✗ 2. $R = \frac{V}{I}$
 - ✗ 3. $V = IR$
 - ✗ 4. $I = \frac{V}{R}$

Question ID : 7518979543
Option 1 ID : 75189738170
Option 2 ID : 75189738169
Option 3 ID : 75189738171
Option 4 ID : 75189738172
Status : Answered
Chosen Option : 1

Q.63 The 'Lohit' is a tributary of which river from following?

- Ans
- 1. Cauvery
 - 2. Indus
 - 3. Narmada
 - 4. Brahmaputra

Question ID : 75189710482
Option 1 ID : 75189741926
Option 2 ID : 75189741928
Option 3 ID : 75189741925
Option 4 ID : 75189741927
Status : Answered
Chosen Option : 4

Q.64 Neeraj and his sister are 12 years and 3 years old, respectively. After how many years will Neeraj's sister be half as old as Neeraj?

- Ans
- 1. 7
 - 2. 9
 - 3. 3
 - 4. 6

Question ID : 75189710001
Option 1 ID : 75189740003
Option 2 ID : 75189740004
Option 3 ID : 75189740001
Option 4 ID : 75189740002
Status : Answered
Chosen Option : 4

Q.65 On increasing the potential difference applied across a conductor at constant temperature, _____

- Ans
- 1. current increases
 - 2. current decreases
 - 3. current remains constant
 - 4. current becomes zero

Question ID : 7518979541
Option 1 ID : 75189738162
Option 2 ID : 75189738161
Option 3 ID : 75189738163
Option 4 ID : 75189738164
Status : Answered
Chosen Option : 1

Q.66 Which of the following is the correct period for which the Annual Budget 2021-22 of the Indian Government was announced?

- Ans**
- 1. 1 July - 30 June 2021-22
 - 2. 1 November - 31 October 2021-22
 - 3. 1 April - 31 March 2021-22
 - 4. 31 March - 1 April 2021-22

Question ID : 7518978877
Option 1 ID : 75189735506
Option 2 ID : 75189735507
Option 3 ID : 75189735508
Option 4 ID : 75189735505
Status : Answered
Chosen Option : 3

Q.67 The largest peninsular river in India is:

- Ans**
- 1. Krishna
 - 2. Narmada
 - 3. Godavari
 - 4. Cauvery

Question ID : 7518979432
Option 1 ID : 75189737725
Option 2 ID : 75189737728
Option 3 ID : 75189737726
Option 4 ID : 75189737727
Status : Answered
Chosen Option : 3

Q.68 Amongst six cousins, P, Q, R, S, T and U, each are of a different age. P's age is more than that of only one cousin. Q's age is more than that of S and P but not more than that of R. S's age is immediately more than P's age. R is younger than U. T is the youngest. Who is the oldest among all the cousins?

- Ans**
- 1. U
 - 2. S
 - 3. T
 - 4. Q

Question ID : 75189710816
Option 1 ID : 75189743262
Option 2 ID : 75189743263
Option 3 ID : 75189743264
Option 4 ID : 75189743261
Status : Answered
Chosen Option : 1

Q.69 In an isosceles triangle, the vertex angle measures 80° . What is the measure of each of the base angles?

- Ans
- 1. 60° and 60°
 - 2. 50° and 50°
 - 3. 60° and 40°
 - 4. 60° and 50°

Question ID : 75189710036
Option 1 ID : 75189740143
Option 2 ID : 75189740141
Option 3 ID : 75189740142
Option 4 ID : 75189740144
Status : Answered
Chosen Option : 2

Q.70 From which of the following countries India has purchased S-400 Missile System?

- Ans
- 1. Israel
 - 2. Canada
 - 3. America
 - 4. Russia

Question ID : 75189710519
Option 1 ID : 75189742074
Option 2 ID : 75189742076
Option 3 ID : 75189742075
Option 4 ID : 75189742073
Status : Answered
Chosen Option : 4

Q.71 Shri Lal Bahadur Shastri National Sanskrit University is located in:

- Ans
- 1. Lucknow
 - 2. Jaipur
 - 3. New Delhi
 - 4. Pune

Question ID : 75189710548
Option 1 ID : 75189742192
Option 2 ID : 75189742190
Option 3 ID : 75189742189
Option 4 ID : 75189742191
Status : Answered
Chosen Option : 1

Q.72 In which of following states of India is the cultural festival 'LOSAR' celebrated?

- Ans 1. Arunachal Pradesh
 2. Karnataka
 3. Goa
 4. Nagaland

Question ID : 7518979376
Option 1 ID : 75189737502
Option 2 ID : 75189737504
Option 3 ID : 75189737503
Option 4 ID : 75189737501
Status : Answered
Chosen Option : 1

Q.73 The value of $(\sin 32^\circ \cos 58^\circ + \cos 32^\circ \sin 58^\circ)$ is:

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

Question ID : 75189710047
Option 1 ID : 75189740188
Option 2 ID : 75189740187
Option 3 ID : 75189740186
Option 4 ID : 75189740185
Status : Answered
Chosen Option : 3

Q.74 An electric generator is a device which converts:

- Ans 1. mechanical energy into electrical energy
 2. mechanical energy into light energy
 3. electrical energy into mechanical energy
 4. light energy into mechanical energy

Question ID : 75189711176
Option 1 ID : 75189744703
Option 2 ID : 75189744701
Option 3 ID : 75189744704
Option 4 ID : 75189744702
Status : Answered
Chosen Option : 1

Q.75 A dishonest shopkeeper sells goods at cost price but uses a weight of 940 gm for one kg. His gain percentage (rounded off to two decimal places) is:

- Ans**
- 1. 4.38%
 - 2. 6.08%
 - 3. 6.38%
 - 4. 5.38%

Question ID : 7518979250
Option 1 ID : 75189737000
Option 2 ID : 75189736998
Option 3 ID : 75189736999
Option 4 ID : 75189736997
Status : Answered
Chosen Option : 3

Q.76 A cylindrical rod has an outer curved surface area of 2800 cm^2 . If the length of the rod is 100 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:

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

- Ans**
- 1. 4.45
 - 2. 5.45
 - 3. 2.45
 - 4. 3.45

Question ID : 75189710028
Option 1 ID : 75189740111
Option 2 ID : 75189740112
Option 3 ID : 75189740109
Option 4 ID : 75189740110
Status : Answered
Chosen Option : 1

Q.77 The Banking Regulation Act, 1949 is a law that regulates banking firms in India. This Act was amended by the Banking Regulation (Amendment) Act of which year?

- Ans**
- 1. 2016
 - 2. 2018
 - 3. 2020
 - 4. 2014

Question ID : 7518979409
Option 1 ID : 75189737634
Option 2 ID : 75189737633
Option 3 ID : 75189737635
Option 4 ID : 75189737636
Status : Not Answered
Chosen Option : --

Q.78 Who among the following Indian cueists won his eighth title at the 19th Asian 100 UP Billiards Championship 2022?

- Ans**
- 1. Wilson Jones
 - 2. Pankaj Advani
 - 3. Alok Kumar
 - 4. Dhruv Sitwala

Question ID : 7518978824
Option 1 ID : 75189735295
Option 2 ID : 75189735294
Option 3 ID : 75189735296
Option 4 ID : 75189735293
Status : Answered
Chosen Option : 2

Q.79 J, L, N, P, R, T, V and W are sitting around a square table facing the centre of the table (but not necessarily in the same order). Some of them are sitting at the corners while some are sitting at the exact centre of the sides. W is on the immediate left of J but not an immediate neighbour of P or R. T is on the immediate right of L. N has R and T as his immediate neighbours, V is immediate neighbour of R. Who is sitting to the immediate left of P?

- Ans**
- 1. J
 - 2. V
 - 3. R
 - 4. L

Question ID : 75189710736
Option 1 ID : 75189742941
Option 2 ID : 75189742944
Option 3 ID : 75189742943
Option 4 ID : 75189742942
Status : Answered
Chosen Option : 1

Q.80 Select the number from among the given options that can replace the question mark (?) in the following series.

3, 4, 4, 6, 6, 12, 15, ?, 49, 196, 201

- Ans**
- 1. 45
 - 2. 37
 - 3. 27
 - 4. 32

Question ID : 7518979033
Option 1 ID : 75189736132
Option 2 ID : 75189736131
Option 3 ID : 75189736129
Option 4 ID : 75189736130
Status : Answered
Chosen Option : 1

Q.81 Which of the following reactions is NOT a combination reaction?

- Ans
- 1. $C + O_2 \rightarrow CO_2$
 - 2. $HI \rightarrow H_2 + I_2$
 - 3. $H_2 + O_2 \rightarrow H_2O$
 - 4. $NH_3 + HCl \rightarrow NH_4Cl$

Question ID : 75189710334
Option 1 ID : 75189741336
Option 2 ID : 75189741335
Option 3 ID : 75189741333
Option 4 ID : 75189741334
Status : Answered
Chosen Option : 2

Q.82 Which of the following compounds does NOT belong to the same homologous series?

- Ans
- 1. C_4H_8
 - 2. C_3H_6
 - 3. C_6H_{11}
 - 4. C_5H_{10}

Question ID : 7518973560
Option 1 ID : 75189714238
Option 2 ID : 75189714237
Option 3 ID : 75189714240
Option 4 ID : 75189714239
Status : Answered
Chosen Option : 3

Q.83 A rainbow is observed due to refraction of the sunlight through rain drops. This implies that:

- Ans
- 1. sunlight is polychromatic
 - 2. refractive index of rain drop is 1
 - 3. rain drops are not spherical in shape
 - 4. sunlight is monochromatic

Question ID : 75189711153
Option 1 ID : 75189744610
Option 2 ID : 75189744611
Option 3 ID : 75189744612
Option 4 ID : 75189744609
Status : Answered
Chosen Option : 1

Q.84 A certain number of persons are standing in a straight row facing North. X is standing to the immediate left of W but immediate right of R. Z is standing to the immediate left of R. There is only one person to the left of P. Q is standing to the immediate left of Y. The person standing at the extreme right end is the only person to the right of Y. Only four persons are standing between P and Q. If no other person is standing in the row, what is the total number of persons standing?

- Ans**
- 1. Seven
 - 2. Ten
 - 3. Eight
 - 4. Nine

Question ID : 75189710770
Option 1 ID : 75189743077
Option 2 ID : 75189743080
Option 3 ID : 75189743078
Option 4 ID : 75189743079
Status : Answered
Chosen Option : 4

Q.85 Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

1. All pictures are drawings.
2. No drawing is caricature.
3. All figures are caricatures.

Conclusions:

- I. Some figures are pictures.
- II. No caricature is picture.
- III. No picture is figure.
- IV. Some caricatures are pictures.

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

Question ID : 75189710773
Option 1 ID : 75189743090
Option 2 ID : 75189743089
Option 3 ID : 75189743091
Option 4 ID : 75189743092
Status : Answered
Chosen Option : 1

Q.86 A, B and C invested ₹ 10,000, ₹12,000, and ₹15,000, respectively, for 5, 6, and 9 months, respectively, in a business. If A's share in the profit is ₹2,500, then the total profit is:

- Ans**
- 1. ₹12,700
 - 2. ₹12,650
 - 3. ₹12,850
 - 4. ₹12,550

Question ID : 7518979232
Option 1 ID : 75189736927
Option 2 ID : 75189736926
Option 3 ID : 75189736928
Option 4 ID : 75189736925
Status : Answered
Chosen Option : 3

Q.87 Three numbers are in the ratio 5 : 6 : 8 and their LCM is 1200. The sum of the numbers is:

- Ans**
- 1. 190
 - 2. 180
 - 3. 210
 - 4. 200

Question ID : 7518979220
Option 1 ID : 75189736879
Option 2 ID : 75189736880
Option 3 ID : 75189736877
Option 4 ID : 75189736878
Status : Answered
Chosen Option : 1

Q.88 The average age of a husband and his wife was 23 years at the beginning of their marriage. After 5 years of marriage, they had a one-year-old child. The average age of the family of three when the child was born was:

- Ans**
- 1. 20 years
 - 2. 18 years
 - 3. 24 years
 - 4. 23 years

Question ID : 7518978755
Option 1 ID : 75189735019
Option 2 ID : 75189735020
Option 3 ID : 75189735017
Option 4 ID : 75189735018
Status : Answered
Chosen Option : 2

Q.89 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	@	\$	5	4	^	+	#	3	7	9
Code Letter	G	O	H	P	T	M	A	B	L	N	F	S	Q	R

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 for 5 @ \$ ^ 8 ?

- Ans**
- 1. HTMLP
 - 2. ©TMLP
 - 3. HTML©
 - 4. ©TML©

Question ID : 75189711056
 Option 1 ID : 75189744221
 Option 2 ID : 75189744223
 Option 3 ID : 75189744222
 Option 4 ID : 75189744224
 Status : Answered
 Chosen Option : 4

Q.90 In humans, the sex of the offspring is determined by the _____.

- Ans**
- 1. paternal chromosome
 - 2. both maternal and paternal chromosomes
 - 3. maternal chromosome
 - 4. autosomes

Question ID : 7518974449
 Option 1 ID : 75189717794
 Option 2 ID : 75189717795
 Option 3 ID : 75189717793
 Option 4 ID : 75189717796
 Status : Answered
 Chosen Option : 1

Q.91 Six friends M, N, O, P, Q and R are seated around a round table facing the centre. P is an immediate neighbour of both N and R. Q is an immediate neighbour of both M and O. N is not seated at either side of O. Where is M seated?

- Ans**
- 1. Beside P
 - 2. Beside R
 - 3. Beside O
 - 4. Beside N

Question ID : 7518979706
 Option 1 ID : 75189738823
 Option 2 ID : 75189738824
 Option 3 ID : 75189738821
 Option 4 ID : 75189738822
 Status : Answered

Q.92 The Finance Commission is a constitutionally mandated body, set up under Article _____ of the Constitution of India.

- Ans**
- 1. 276
 - 2. 280
 - 3. 273
 - 4. 288

Question ID : 7518978596
Option 1 ID : 75189734382
Option 2 ID : 75189734384
Option 3 ID : 75189734381
Option 4 ID : 75189734383
Status : Answered
Chosen Option : 2

Q.93 The value of $\frac{(0.064) + (0.008)}{0.16 + 0.04 - 0.08}$ is _____.

- Ans**
- 1. 2.7
 - 2. 0.6
 - 3. 1.4
 - 4. 0.05

Question ID : 75189710617
Option 1 ID : 75189742466
Option 2 ID : 75189742467
Option 3 ID : 75189742468
Option 4 ID : 75189742465
Status : Answered
Chosen Option : 2

Q.94 Study the given number series and answer the question that follows.

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

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

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

Question ID : 75189711036
Option 1 ID : 75189744141
Option 2 ID : 75189744142
Option 3 ID : 75189744143
Option 4 ID : 75189744144
Status : Answered
Chosen Option : 1

Q.95 Which of the following statements is correct with respect to Newlands law of octaves?

Ans 1.

Newlands' law of octaves worked well with heavier elements only.

2.

John Newlands, an English scientist arranged the then known elements in the order of increasing atomic sizes.

3.

Newlands' law of octaves worked well with lighter elements only.

4.

In Newlands' octaves, the properties of fluorine and sodium were found to be the same.

Question ID : 75189710385
Option 1 ID : 75189741539
Option 2 ID : 75189741538
Option 3 ID : 75189741537
Option 4 ID : 75189741540
Status : Answered
Chosen Option : 3

Q.96 Evaluate $0.\overline{696} \times 0.\overline{27}$.

Ans

1. $\frac{2083}{10989}$

2. $\frac{2085}{10989}$

3. $\frac{2087}{10989}$

4. $\frac{2088}{10989}$

Question ID : 7518979909
Option 1 ID : 75189739633
Option 2 ID : 75189739634
Option 3 ID : 75189739635
Option 4 ID : 75189739636
Status : Answered
Chosen Option : 4

Q.97 Where was the final match of Indian Premier League (IPL) 2022 played?

Ans 1. Wankhede Stadium, Mumbai

2. M Chinnaswamy Stadium, Bengaluru

3. Narendra Modi Stadium, Ahmedabad

4. Green Park Stadium, Kanpur

Question ID : 7518976469
Option 1 ID : 75189725874
Option 2 ID : 75189725876
Option 3 ID : 75189725875
Option 4 ID : 75189725873
Status : Answered
Chosen Option : 3

Q.98 In a balanced chemical equation, the reactant is always written _____ the arrow.

- Ans
- 1. above
 - 2. on the right-hand side of
 - 3. on the left-hand side of
 - 4. below

Question ID : 7518979607
Option 1 ID : 75189738425
Option 2 ID : 75189738427
Option 3 ID : 75189738426
Option 4 ID : 75189738428
Status : Answered
Chosen Option : 3

Q.99 Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$5.18 \times 4 + 2.06 \times 5 - 10 \div 2 + 1 = ?$$

- Ans
- 1. 15
 - 2. 40
 - 3. 26
 - 4. 30

Question ID : 7518977747
Option 1 ID : 75189730988
Option 2 ID : 75189730987
Option 3 ID : 75189730986
Option 4 ID : 75189730985
Status : Answered
Chosen Option : 3

Q.100 An object must be placed _____ to obtain a real and inverted image of the same size as that of the object after reflection.

- Ans
- 1. at infinity from a concave mirror
 - 2. at C of a concave mirror
 - 3. between P and F of a convex mirror
 - 4. at C of a convex mirror

Question ID : 7518979467
Option 1 ID : 75189737865
Option 2 ID : 75189737868
Option 3 ID : 75189737866
Option 4 ID : 75189737867
Status : Answered
Chosen Option : 2