



रेल्वी भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई जेन आर आर सी - +1/2+1 - CEN RRC - 01/2019



Test Date	01/09/2022
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 A current-carrying straight conductor is placed in a magnetic field. The conductor experiences the maximum force when the angle between the direction of the current in it and the direction of the magnetic field is:

- Ans
- ☒ 1. 45°
 - ☒ 2. 30°
 - ☒ 3. 90°
 - ☒ 4. 60°

Question ID : 7518976739
Option 1 ID : 75189726954
Option 2 ID : 75189726953
Option 3 ID : 75189726956
Option 4 ID : 75189726955
Status : Not Answered
Chosen Option : --

Q.2 In the absence of atmosphere, the colour of the sky would be:

- Ans
- ☒ 1. blue
 - ☒ 2. red
 - ☒ 3. white
 - ☒ 4. black

Question ID : 7518975438
Option 1 ID : 75189721749
Option 2 ID : 75189721752
Option 3 ID : 75189721750
Option 4 ID : 75189721751
Status : Answered
Chosen Option : 4

Q.3 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 : 19 :: 5 : 13 :: 7 : ?

- Ans** ☒ 1. 21
☒ 2. 19
☒ 3. 15
☒ 4. 17

Question ID : 7518977394
Option 1 ID : 75189729576
Option 2 ID : 75189729573
Option 3 ID : 75189729575
Option 4 ID : 75189729574
Status : Answered
Chosen Option : 4

Q.4 As of March 2022, the common High Court for the states of Punjab and Haryana is located at ____.

- Ans** ☒ 1. Firozpur
☒ 2. Karnal
☒ 3. Chandigarh
☒ 4. Faridabad

Question ID : 7518978601
Option 1 ID : 75189734401
Option 2 ID : 75189734403
Option 3 ID : 75189734402
Option 4 ID : 75189734404
Status : Answered
Chosen Option : 3

Q.5 Where is the Bowman's capsule located in the human body?

- Ans** ☒ 1. Lung
☒ 2. Stomach
☒ 3. Liver
☒ 4. Kidney

Question ID : 7518977835
Option 1 ID : 75189731339
Option 2 ID : 75189731338
Option 3 ID : 75189731340
Option 4 ID : 75189731337
Status : Answered
Chosen Option : 4

Q.6 Which of the following elements shows a catenation property like carbon?

- Ans ☒ 1. Ne
☒ 2. Si
☒ 3. O
☒ 4. K

Question ID : 7518973394
Option 1 ID : 75189713573
Option 2 ID : 75189713576
Option 3 ID : 75189713574
Option 4 ID : 75189713575
Status : Answered
Chosen Option : 3

Q.7 Consider the following statements:

- (a) The red light has a wavelength about 1.8 times greater than the blue light.
(b) When sunlight passes through the atmosphere, the fine particles scatter blue light more strongly than red.

Which of the above statements help(s) us to understand the blue colour of a clear sky?

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

Question ID : 7518976663
Option 1 ID : 75189726649
Option 2 ID : 75189726650
Option 3 ID : 75189726652
Option 4 ID : 75189726651
Status : Answered
Chosen Option : 3

Q.8 Which country won the bronze at the men's Hockey Asia Cup 2022 in Jakarta?

- Ans ☒ 1. South Korea
☒ 2. India
☒ 3. Japan
☒ 4. Pakistan

Question ID : 7518976792
Option 1 ID : 75189727168
Option 2 ID : 75189727167
Option 3 ID : 75189727165
Option 4 ID : 75189727166
Status : Answered
Chosen Option : 2

Q.9

Seven boxes P, Q, R, S, T, U and V are kept one over the other but not necessarily in the same order. S is kept third from the bottom. Only V is kept between P and S. Only three boxes are kept between T and V. T is kept immediately below U. Q is kept immediately above S. R is kept third from the top. How many boxes are kept between U and S?

Ans

✓ 1. Three

✗ 2. One

✗ 3. Two

✗ 4. Four

Question ID : 7518978960

Option 1 ID : 75189735839

Option 2 ID : 75189735837

Option 3 ID : 75189735838

Option 4 ID : 75189735840

Status : Answered

Chosen Option : 1

Q.10

A train P going at the speed of 70 km/h completely passes train Q of length 170 m, going in the same direction on parallel tracks, at 56 km/h, in $1\frac{1}{2}$ minutes. How much time (in seconds) will P take to cross completely train R of length 220 m, going at 74 km/h in the opposite direction?

Ans

✗ 1. 14

✗ 2. 12

✗ 3. 15

✓ 4. 10

Question ID : 7518978400

Option 1 ID : 75189733599

Option 2 ID : 75189733598

Option 3 ID : 75189733600

Option 4 ID : 75189733597

Status : Not Answered

Chosen Option : --

Q.11

In March 2022, Bharat Biotech partnered with which country's bio-pharmaceutical firm Biofabri for TB vaccine?

Ans

✗ 1. Australia

✗ 2. USA

✗ 3. Canada

✓ 4. Spain

Question ID : 7518973779

Option 1 ID : 75189715114

Option 2 ID : 75189715116

Option 3 ID : 75189715113

Option 4 ID : 75189715115

Status : Not Answered

Chosen Option : --

Q.12 Which of the following herbs is found only in India and is used to treat blood pressure?

- Ans
- ☒ 1. Kachnar
 - ☒ 2. Tulsi
 - ☒ 3. Jamun
 - ☒ 4. Sarpagandha

Question ID : 7518978918
Option 1 ID : 75189735672
Option 2 ID : 75189735669
Option 3 ID : 75189735670
Option 4 ID : 75189735671
Status : Answered
Chosen Option : 4

Q.13 Which of the following revolutionaries shot himself dead while fighting with the police at Alfred Park in Allahabad in 1931?

- Ans
- ☒ 1. Chandrashekhar Azad
 - ☒ 2. Khudiram Bose
 - ☒ 3. Rash Behari Bose
 - ☒ 4. Ram Prasad Bismil

Question ID : 7518978515
Option 1 ID : 75189734058
Option 2 ID : 75189734060
Option 3 ID : 75189734057
Option 4 ID : 75189734059
Status : Answered
Chosen Option : 1

Q.14 Identify the wrong pair (Bank and related category) from following-

- Ans
- ☒ 1. Punjab National Bank – Public Sector Bank
 - ☒ 2. Canara Bank – Payments Bank
 - ☒ 3. AU Bank Ltd – Small Finance Bank
 - ☒ 4. Axis Bank Ltd - Private Sector Bank

Question ID : 7518977506
Option 1 ID : 75189730024
Option 2 ID : 75189730023
Option 3 ID : 75189730022
Option 4 ID : 75189730021
Status : Not Answered
Chosen Option : --

Q.15 Three times the present age of Sujatha is 5 years more than two times the present age of Vainita. After 3 years, three times the age of Vainita will be 4 years less than four times the age of Sujatha. The age of Vainita is k years more than that of Sujatha. What is the value of k ?

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

Question ID : 7518978445
Option 1 ID : 75189733777
Option 2 ID : 75189733778
Option 3 ID : 75189733779
Option 4 ID : 75189733780
Status : Answered
Chosen Option : 2

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /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)

(13, 182, 91)

(17, 306, 153)

- Ans  1. 15, 200, 125
 2. 11, 154, 67
 3. 8, 72, 36
 4. 9, 125, 50

Question ID : 7518978063
Option 1 ID : 75189732249
Option 2 ID : 75189732252
Option 3 ID : 75189732251
Option 4 ID : 75189732250
Status : Answered
Chosen Option : 1

Q.17 A statement is given followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and decide which of the assumptions is/are implicit in the statement.

Statement:

Eating too many chocolates will lead to dental problems.

Assumptions:

- I. Chocolates have high sugar content which can result in bacterial growth.
- II. Brushing twice a day keeps teeth strong.

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

Question ID : 7518979196
Option 1 ID : 75189736784
Option 2 ID : 75189736782
Option 3 ID : 75189736783
Option 4 ID : 75189736781
Status : Answered
Chosen Option : 4

Q.18 Which of the following 'agam' describes nonviolence in Jainism religion?

Ans ☒ 1. Samavayanga Sutra
☒ 2. Antah Kradashanga Sutra
☒ 3. Sutratrang Sutra
☒ 4. Sthananga Sutra

Question ID : 7518973839
Option 1 ID : 75189715353
Option 2 ID : 75189715354
Option 3 ID : 75189715355
Option 4 ID : 75189715356
Status : Not Answered
Chosen Option : --

Q.19 If P denotes '+', T denotes '-', M denotes 'x' and B denotes '÷', what will come in place of the question mark (?) in the following equation?

54 B 9 P 11 T 13 M 17 = ?

- Ans
- ☐ 1. 73
 - ☒ 2. 70
 - ☐ 3. 74
 - ☐ 4. 78

Question ID : 7518979052
Option 1 ID : 75189736207
Option 2 ID : 75189736208
Option 3 ID : 75189736206
Option 4 ID : 75189736205
Status : Answered
Chosen Option : 2

Q.20 If each vowel in the word DUSTER 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, how many letters will appear twice in the group of letters thus formed?

- Ans
- ☐ 1. Three
 - ☐ 2. One
 - ☐ 3. Two
 - ☒ 4. zero

Question ID : 7518977967
Option 1 ID : 75189731868
Option 2 ID : 75189731866
Option 3 ID : 75189731867
Option 4 ID : 75189731865
Status : Answered
Chosen Option : 4

Q.21 Two successive discounts of 40% and 60% on a deal are equivalent to a single discount of:

- Ans
- ☐ 1. 70%
 - ☒ 2. 76%
 - ☐ 3. 80%
 - ☐ 4. 66%

Question ID : 7518978691
Option 1 ID : 75189734763
Option 2 ID : 75189734762
Option 3 ID : 75189734761
Option 4 ID : 75189734764
Status : Answered
Chosen Option : 2

Q.22 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.

ASD: EWH
FGH: JKL

- Ans** ☒ 1. GYU: JCY
☒ 2. JKL: NOP
☒ 3. NSP: ORQ
☒ 4. CBH: GFM

Question ID : 7518978290
Option 1 ID : 75189733160
Option 2 ID : 75189733158
Option 3 ID : 75189733157
Option 4 ID : 75189733159
Status : Answered
Chosen Option : 2

Q.23 In a class of students, Radhika is 18th from the top and 32nd from the bottom. What is the total number of students in the class?

- Ans** ☒ 1. 49
☒ 2. 52
☒ 3. 51
☒ 4. 50

Question ID : 7518977588
Option 1 ID : 75189730350
Option 2 ID : 75189730352
Option 3 ID : 75189730351
Option 4 ID : 75189730349
Status : Answered
Chosen Option : 1

Q.24 What is the ranking of India in plant diversity in the world as on December 2010?

- Ans** ☒ 1. 25th
☒ 2. 15th
☒ 3. 20th
☒ 4. 10th

Question ID : 7518973911
Option 1 ID : 75189715644
Option 2 ID : 75189715642
Option 3 ID : 75189715641
Option 4 ID : 75189715643
Status : Not Answered
Chosen Option : --

Q.25 Sushela started her morning walk and noted that her shadow is at her back. After some time she turned left and then again turned right. Finally she turned right and started running. In which direction was she running? (All turns are 90 degree turns only)

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

Question ID : 7518978014
Option 1 ID : 75189732054
Option 2 ID : 75189732053
Option 3 ID : 75189732055
Option 4 ID : 75189732056
Status : Answered
Chosen Option : 4

Q.26 If $\sec \theta = \frac{5}{3}$, and θ is an acute angle, then the value of $\frac{3 \tan \theta - 5 \cos \theta}{5 \sin \theta - 3 \sec \theta} = ?$

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

Question ID : 7518975997
Option 1 ID : 75189723985
Option 2 ID : 75189723986
Option 3 ID : 75189723987
Option 4 ID : 75189723988
Status : Answered
Chosen Option : 3

Q.27 The 73rd Amendment of the Constitution enables the states with a population of less than 20 lakhs to have a minimum _____ structure in the local governance of the state.

- Ans
- ☒ 1. one-tier
 - ☒ 2. union rule
 - ☒ 3. two-tier
 - ☒ 4. three-tier

Question ID : 7518978944
Option 1 ID : 75189735775
Option 2 ID : 75189735776
Option 3 ID : 75189735773
Option 4 ID : 75189735774
Status : Answered
Chosen Option : 4

Q.28 The monthly wages of 6 employees in a company are ₹5,000, ₹6,000, ₹8,000, ₹8,500, ₹9,300, and ₹9,500. Find the median of their wages.

- Ans
- ☒ 1. ₹8,750
 - ☒ 2. ₹8,500
 - ☒ 3. ₹8,250
 - ☒ 4. ₹8,000

Question ID : 7518976117
Option 1 ID : 75189724468
Option 2 ID : 75189724467
Option 3 ID : 75189724466
Option 4 ID : 75189724465
Status : Answered
Chosen Option : 3

Q.29 If twice the son's age is added to the father's age, the sum is 34 years. If 1.5 times the father's age is added to the son's age, the sum is 45 years. What is the father's age (in years)?

- Ans
- ☒ 1. 32
 - ☒ 2. 30
 - ☒ 3. 28
 - ☒ 4. 26

Question ID : 7518978439
Option 1 ID : 75189733756
Option 2 ID : 75189733755
Option 3 ID : 75189733754
Option 4 ID : 75189733753
Status : Answered
Chosen Option : 3

Q.30 The third proportional of $(a + b)$ and $(a + b)^2$ is

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

Question ID : 7518975608
Option 1 ID : 75189722432
Option 2 ID : 75189722431
Option 3 ID : 75189722430
Option 4 ID : 75189722429
Status : Answered
Chosen Option : 1

Q.31 The sum of a number, its half, its $\frac{1}{3}$ and 27, is 71. Find the number.

- Ans**
- ☐ 1. 25
 - ☒ 2. 24
 - ☐ 3. 23
 - ☐ 4. 22

Question ID : 7518975709
Option 1 ID : 75189722836
Option 2 ID : 75189722835
Option 3 ID : 75189722834
Option 4 ID : 75189722833
Status : Answered
Chosen Option : 2

Q.32 Consider the below statements and identify the correct answer.

Statement-I: Litmus solution is a purple dye, which is extracted from lichen, a plant belonging to the division Thallophyta.

Statement-II: There are many natural materials like red cabbage leaves, turmeric, coloured petals of some flowers, which indicate the presence of acid or base in a solution

- Ans**
- ☐ 1. Statement-II is true, and Statement-I is false.
 - ☒ 2. Both the statements are true.
 - ☐ 3. Statement-I is true, and Statement-II is false.
 - ☐ 4. Both the statements are false.

Question ID : 7518973618
Option 1 ID : 75189714472
Option 2 ID : 75189714469
Option 3 ID : 75189714471
Option 4 ID : 75189714470
Status : Answered
Chosen Option : 3

Q.33 The simple interest on a sum of ₹3,600 for 3 years and 4 months is ₹840. The rate of interest per annum is:

- Ans**
- ☐ 1. 6%
 - ☐ 2. 8%
 - ☐ 3. 9%
 - ☒ 4. 7%

Question ID : 7518978673
Option 1 ID : 75189734692
Option 2 ID : 75189734690
Option 3 ID : 75189734689
Option 4 ID : 75189734691
Status : Answered
Chosen Option : 4

Q.34 In what ratio should sugar costing ₹45 per kg be mixed with sugar costing ₹52 per kg so that by selling the mixture at ₹55.20 per kg, there is a profit of 15%?

- Ans**
- ☒ 1. 4 : 3
 - ☐ 2. 5 : 4
 - ☐ 3. 3 : 2
 - ☐ 4. 2 : 1

Question ID : 7518978371
Option 1 ID : 75189733482
Option 2 ID : 75189733483
Option 3 ID : 75189733481
Option 4 ID : 75189733484
Status : Answered
Chosen Option : 1

Q.35 The National Innovation Foundation - India has developed an indigenous herbal medicine called _____ as an alternative to chemical methods to treat worms in livestock.

- Ans**
- ☐ 1. Lobendazole
 - ☒ 2. Wormivet
 - ☐ 3. Vermiclear
 - ☐ 4. Stomach clean

Question ID : 7518974154
Option 1 ID : 75189716614
Option 2 ID : 75189716613
Option 3 ID : 75189716616
Option 4 ID : 75189716615
Status : Not Answered
Chosen Option : --

Q.36 The Tadoba National Park is located in which state of India?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☒ 2. Maharashtra
 - ☐ 3. Bihar
 - ☐ 4. Rajasthan

Question ID : 7518977548
Option 1 ID : 75189730191
Option 2 ID : 75189730192
Option 3 ID : 75189730189
Option 4 ID : 75189730190
Status : Not Answered
Chosen Option : --

Q.37 If $x = -1$ and $x = -2$ are the solutions of the quadratic equation $3x^2 + px + q = 0$, then what is the value of $(3p - 2q)$?

- Ans** ☒ 1. 17
☒ 2. 15
☒ 3. 12
☒ 4. 13

Question ID : 7518978450
Option 1 ID : 75189733800
Option 2 ID : 75189733799
Option 3 ID : 75189733797
Option 4 ID : 75189733798
Status : **Not Answered**
Chosen Option : --

Q.38 Two resistors, A ($20\ \Omega$) and B ($30\ \Omega$), are connected in parallel. The combination is connected to a 3 V battery. The current through the battery is:

- Ans** ☒ 1. 0.15 A
☒ 2. 0.30 A
☒ 3. 0.50 A
☒ 4. 0.25 A

Question ID : 7518976698
Option 1 ID : 75189726789
Option 2 ID : 75189726791
Option 3 ID : 75189726792
Option 4 ID : 75189726790
Status : **Answered**
Chosen Option : 4

Q.39 Select the number from among the given options that can replace the question mark (?) in the following series.

- 360, 7, 180, 60, 15, 3
Ans ☒ 1. 240
☒ 2. 270
☒ 3. 180
☒ 4. 360

Question ID : 7518979036
Option 1 ID : 75189736141
Option 2 ID : 75189736144
Option 3 ID : 75189736142
Option 4 ID : 75189736143
Status : **Answered**
Chosen Option : 4

Q.40 If 1 is subtracted from each odd digit and 2 is added to each even digit in the number 9345712, what will be difference between the largest and smallest digits thus formed?

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

Question ID : 7518977409
Option 1 ID : 75189729636
Option 2 ID : 75189729633
Option 3 ID : 75189729634
Option 4 ID : 75189729635
Status : Answered
Chosen Option : 2

Q.41 Three numbers $x \leq y \leq z$ which are co-prime to each other are such that the product of the first two numbers is 143 and that of the last two numbers is 195. The sum of the three numbers is _____

- Ans
- ☒ 1. 62
 - ☒ 2. 45
 - ☒ 3. 39
 - ☒ 4. 29

Question ID : 7518975594
Option 1 ID : 75189722376
Option 2 ID : 75189722375
Option 3 ID : 75189722374
Option 4 ID : 75189722373
Status : Answered
Chosen Option : 3

Q.42 A line joining two end points is called a/an:

- Ans
- ☒ 1. parallel line
 - ☒ 2. line segment
 - ☒ 3. ray
 - ☒ 4. intersecting line

Question ID : 7518978798
Option 1 ID : 75189735191
Option 2 ID : 75189735189
Option 3 ID : 75189735190
Option 4 ID : 75189735192
Status : Answered
Chosen Option : 2

Q.43 The area of a square is 900 cm^2 . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in cm^2) of the hexagon?

- Ans**
- ☒ 1. $400\sqrt{3}$
 - ☒ 2. 300
 - ☒ 3. 600
 - ☒ 4. $600\sqrt{3}$

Question ID : 7518978463
Option 1 ID : 75189733850
Option 2 ID : 75189733849
Option 3 ID : 75189733852
Option 4 ID : 75189733851
Status : Answered
Chosen Option : 1

Q.44 Which of the following parts of a flower develops into a fruit after fertilisation?

- Ans**
- ☒ 1. Pistil
 - ☒ 2. Ovary
 - ☒ 3. Ovule
 - ☒ 4. Petal

Question ID : 7518977853
Option 1 ID : 75189731411
Option 2 ID : 75189731410
Option 3 ID : 75189731409
Option 4 ID : 75189731412
Status : Answered
Chosen Option : 2

Q.45 P is any point inside the rectangle ABCD. If $PA = 27\text{ cm}$, $PB = 21\text{ cm}$, $PC = 6\text{ cm}$, then the length PD (in cm) is equal to:

- Ans**
- ☒ 1. 15
 - ☒ 2. 10
 - ☒ 3. 12
 - ☒ 4. 18

Question ID : 7518978478
Option 1 ID : 75189733911
Option 2 ID : 75189733909
Option 3 ID : 75189733910
Option 4 ID : 75189733912
Status : Not Answered
Chosen Option : --

Q.46 Three statements are followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they do not conform to real world knowledge, decide which of the given conclusions/possibilities can be true on the basis of the statements.

Statements:

1. Some glasses are windows.
2. Some windows are white.
3. All white are brittle.

Conclusions

- I. Some white are glasses.
- II. Some brittle are glasses.
- III. Some brittle are windows.

Ans ☒ 1. Only conclusion I is true

☒ 2. Only conclusion II is true

☒ 3. Only conclusion III is true

☒ 4. Only I and II are true

Question ID : 7518978211
Option 1 ID : 75189732841
Option 2 ID : 75189732842
Option 3 ID : 75189732843
Option 4 ID : 75189732844
Status : Answered
Chosen Option : 3

Q.47 The word _____ in the Preamble to the Constitution of India implies an "elected Head of the State".

Ans ☒ 1. democratic

☒ 2. sovereign

☒ 3. socialist

☒ 4. republic

Question ID : 7518978588
Option 1 ID : 75189734351
Option 2 ID : 75189734349
Option 3 ID : 75189734350
Option 4 ID : 75189734352
Status : Answered
Chosen Option : 1

Q.48 In this question, a statement is followed by four conclusions. Find out which conclusion is true based on the given statement.

Statement:

$$B \leq T = N > O = Q \geq M = R$$

Conclusions:

1. $N \geq B$

2. $N < B$

3. $O < R$

4. $T < M$

Ans ☒ 1. 1

☒ 2. 2

☒ 3. 3

☒ 4. 4

Question ID : 7518977329
Option 1 ID : 75189729313
Option 2 ID : 75189729314
Option 3 ID : 75189729315
Option 4 ID : 75189729316
Status : Answered
Chosen Option : 1

Q.49 Study the following number arrangement and answer the question given below. All numbers given below are 2 digit numbers.

13 56 46 23 16 34 25 19 78 85 86 24 29 73 94 52 64 63

What will be the difference between the sum of the first half and second half of the above series?

Ans ☒ 1. 310

☒ 2. 260

☒ 3. 290

☒ 4. 315

Question ID : 7518978996
Option 1 ID : 75189735983
Option 2 ID : 75189735982
Option 3 ID : 75189735981
Option 4 ID : 75189735984
Status : Answered
Chosen Option : 2

Q.50 Voice change during puberty occurs due to _____.

Ans ☒ 1. cigarette smoking

☒ 2. the development of lungs

☒ 3. muscular development

☒ 4. the development of larynx

Question ID : 7518974413
Option 1 ID : 75189717651
Option 2 ID : 75189717650
Option 3 ID : 75189717652
Option 4 ID : 75189717649
Status : Answered

Q.51 Which of the following sports/activities is NOT covered under the National Air Sports Policy 2022?

- Ans ☒ 1. Aerobatics
☒ 2. Parasailing
☒ 3. Gliding
☒ 4. Ballooning

Question ID : 7518978491
Option 1 ID : 75189733964
Option 2 ID : 75189733963
Option 3 ID : 75189733961
Option 4 ID : 75189733962
Status : Not Answered
Chosen Option : --

Q.52 Seven persons N, O, P, Q, R, S, and T are sitting in a row facing North. Only three persons are sitting between P and T. N is sitting at one end. P is sitting somewhere to the left of N. O is to the immediate right of P and immediate left of R. Exactly two people are sitting to the right of T who is sitting to the immediate right of Q. Who is sitting in the middle?

- Ans ☒ 1. T
☒ 2. O
☒ 3. Q
☒ 4. S

Question ID : 7518977889
Option 1 ID : 75189731553
Option 2 ID : 75189731556
Option 3 ID : 75189731555
Option 4 ID : 75189731554
Status : Answered
Chosen Option : 3

Q.53 Study the Venn diagram presented below and answer the question that follows.



How many graduated skilled workers are NOT contractual?

- Ans ☒ 1. 9
☒ 2. 27
☒ 3. 65
☒ 4. 46

Question ID : 7518977923
Option 1 ID : 75189731692
Option 2 ID : 75189731689
Option 3 ID : 75189731690
Option 4 ID : 75189731691
Status : Not Answered
Chosen Option : --

Q.54 In a certain code language, 'AFQV' is written as 'CITVB' and 'DLNPG' is written as 'FORUM'. How will 'LNAGK' be written in that language?

- Ans
- ☐ 1. NQEQL
 - ☐ 2. NQQLQ
 - ☒ 3. NQELQ
 - ☐ 4. QNEPK

Question ID : 7518978275
Option 1 ID : 75189733098
Option 2 ID : 75189733100
Option 3 ID : 75189733097
Option 4 ID : 75189733099
Status : Answered
Chosen Option : 3

Q.55 Five solid cubes, each of volume 216 cm^3 , are joined end to end in a linear manner only (single row arrangement) to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

- Ans
- ☐ 1. 468
 - ☐ 2. 360
 - ☐ 3. 504
 - ☒ 4. 432

Question ID : 7518978471
Option 1 ID : 75189733883
Option 2 ID : 75189733881
Option 3 ID : 75189733884
Option 4 ID : 75189733882
Status : Answered
Chosen Option : 4

Q.56 Which of the following instruments is used to measure blood pressure?

- Ans
- ☐ 1. Spectrophotometer
 - ☒ 2. Sphygmomanometer
 - ☐ 3. Urinometer
 - ☐ 4. Haemoglobin meter

Question ID : 7518977834
Option 1 ID : 75189731333
Option 2 ID : 75189731334
Option 3 ID : 75189731335
Option 4 ID : 75189731336
Status : Answered
Chosen Option : 2

Q.57 Mr. Amardeep started his drive from his office and drove for 8 km towards the south. Then he took a left turn and drove for 15 km to reach city centre. Then he turned 90° in the anti-clockwise direction and drove for 8 km to reach the city police. From the city police, he took a left turn and drove for 8 km to reach his home. In which direction is Amardeep's office from the city centre and his home, respectively? (All turns are 90 degree turns only)

- Ans**
- ☐ 1. South-east and north
 - ☐ 2. South-west and west
 - ☐ 3. North-east and east
 - ☒ 4. North-west and west

Question ID : 7518978024
Option 1 ID : 75189732095
Option 2 ID : 75189732096
Option 3 ID : 75189732093
Option 4 ID : 75189732094
Status : Answered
Chosen Option : 1

Q.58 The following table shows the marks scored by A, B, C and D in four subjects i.e., Mathematics, Hindi, English and Science. Marks given are out of 100. Study the table and answer the question.

Subject / Student	A	B	C	D
Mathematics	90	85	83	78
Hindi	86	80	74	82
English	75	73	70	76
Science	92	88	84	88

What is the ratio of 'the sum of the marks scored by A in Mathematics and B in Hindi' to 'the sum of the marks scored by C in Science and D in English'?

- Ans**
- ☐ 1. 12 : 7
 - ☐ 2. 2 : 3
 - ☒ 3. 17 : 14
 - ☐ 4. 14 : 13

Question ID : 7518978342
Option 1 ID : 75189733367
Option 2 ID : 75189733366
Option 3 ID : 75189733368
Option 4 ID : 75189733365
Status : Answered
Chosen Option : 3

Q.59 Which of the following practices is least harmful in the conservation of forests and wildlife?

- Ans**
- ☐ 1. Using forests as a source of raw material for industries
 - ☐ 2. Converting forests to plantations
 - ☒ 3. Collecting non-timber forest produce
 - ☐ 4. Building roads and dams in forested areas

Question ID : 7518977875
Option 1 ID : 75189731500
Option 2 ID : 75189731498
Option 3 ID : 75189731497
Option 4 ID : 75189731499
Status : Answered
Chosen Option : 3

Q.60 Simplify $2^3 \times 3^2 \times 7$.

- Ans ☐ 1. 603
☒ 2. 504
☐ 3. 506
☐ 4. 702

Question ID : 7518975793
Option 1 ID : 75189723169
Option 2 ID : 75189723172
Option 3 ID : 75189723170
Option 4 ID : 75189723171
Status : Answered
Chosen Option : 2

Q.61 Sankar and Vishnu work alternately in a tailoring shop on an order of stitching 21 suits. Sankar starts the work, stitches 3 suits in two days, and takes a break, during which Vishnu stitches 3 suits in three days, and then takes a break. This pattern is repeated till all the 21 suits are stitched. How many days did it take the duo to complete the work?

- Ans ☐ 1. 18 days
☐ 2. 15 days
☒ 3. 17 days
☐ 4. 16 days

Question ID : 7518975885
Option 1 ID : 75189723540
Option 2 ID : 75189723537
Option 3 ID : 75189723539
Option 4 ID : 75189723538
Status : Not Answered
Chosen Option : --

Q.62 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: $Q > A \geq Z > X < R \leq H < M$

- Ans ☐ 1. $Z > X \geq M$
☐ 2. $Q > M > H$
☐ 3. $Q > X > A$
☒ 4. $M > R > X$

Question ID : 7518978229
Option 1 ID : 75189732915
Option 2 ID : 75189732913
Option 3 ID : 75189732914
Option 4 ID : 75189732916
Status : Not Answered
Chosen Option : --

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

1, 0, 2, 1, 3, 2, 4, 5, 5, 26, 7, 677

Ans ☒ 1. 47
☒ 2. 26
☒ 3. 52
☒ 4. 6

Question ID : 7518978045
Option 1 ID : 75189732178
Option 2 ID : 75189732179
Option 3 ID : 75189732177
Option 4 ID : 75189732180
Status : Not Answered
Chosen Option : --

Q.64

How many airlines were nationalised under The Air Corporation Act, 1953?

Ans ☒ 1. 13
☒ 2. 09
☒ 3. 11
☒ 4. 18

Question ID : 7518973878
Option 1 ID : 75189715511
Option 2 ID : 75189715510
Option 3 ID : 75189715512
Option 4 ID : 75189715509
Status : Not Answered
Chosen Option : --

Q.65 An article is marked 50% above its cost price. If the shopkeeper gives two successive discounts of 10% and 25%, and still earns a profit of ₹15, then the cost price of the article is:

Ans ☒ 1. ₹1,600
☒ 2. ₹1,200
☒ 3. ₹1,750
☒ 4. ₹1,500

Question ID : 7518975643
Option 1 ID : 75189722571
Option 2 ID : 75189722569
Option 3 ID : 75189722570
Option 4 ID : 75189722572
Status : Answered
Chosen Option : 2

Q.66 Which of the following is an artificial ecosystem that is manmade?

- Ans
- ☐ 1. Lake
 - ☒ 2. Crop field
 - ☐ 3. Forest
 - ☐ 4. Pond

Question ID : 7518977863
Option 1 ID : 75189731452
Option 2 ID : 75189731449
Option 3 ID : 75189731450
Option 4 ID : 75189731451
Status : Answered
Chosen Option : 1

Q.67 Raghu's average earning per month in the first three months of a year was ₹45,000. In April, his earning was $33\frac{1}{3}\%$ more than the average earning in the first three months. If his average earning per month for the whole year is ₹45,300, then what will be Raghu's average earning (in ₹) per month from May to December?

- Ans
- ☒ 1. 43,575
 - ☐ 2. 43,450
 - ☐ 3. 43,425
 - ☐ 4. 43,580

Question ID : 7518978411
Option 1 ID : 75189733643
Option 2 ID : 75189733642
Option 3 ID : 75189733641
Option 4 ID : 75189733644
Status : Not Answered
Chosen Option : --

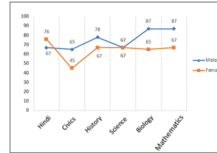
Q.68
If $x + \frac{1}{x} = 3$, then
 $x^2 + \frac{1}{x^2}$ is:

- Ans
- ☐ 1. 6
 - ☐ 2. 9
 - ☒ 3. 7
 - ☐ 4. 8

Question ID : 7518978628
Option 1 ID : 75189734512
Option 2 ID : 75189734509
Option 3 ID : 75189734511
Option 4 ID : 75189734510
Status : Answered
Chosen Option : 3

Q.69 Study the given graph and answer the question that follows.

The graph presents total number of students who opted for different subjects in a college.



What is the difference between the total number of students who have opted for 'Biology and Mathematics' & total number of students who have opted for 'Civics and History'?

- Ans**
- ☒ 1. 49
 - ☒ 2. 50
 - ☒ 3. 52
 - ☒ 4. 51

Question ID : 7518978088
Option 1 ID : 75189732349
Option 2 ID : 75189732350
Option 3 ID : 75189732352
Option 4 ID : 75189732351
Status : Answered
Chosen Option : 4

Q.70 Consider the below statements and identify the correct answer.

Statement-I: Keeping food in air-tight containers helps to slow down oxidation.

Statement-II: Chips manufacturers usually flush bags of chips with gas such as oxygen to prevent the chips from getting oxidised.

- Ans**
- ☒ 1. Statement-I is true, and Statement-II is false.
 - ☒ 2. Both the statements are true.
 - ☒ 3. Both the statements are false.
 - ☒ 4. Statement-I is false, and Statement-II is true.

Question ID : 7518973610
Option 1 ID : 75189714439
Option 2 ID : 75189714437
Option 3 ID : 75189714438
Option 4 ID : 75189714440
Status : Answered
Chosen Option : 1

Q.71 The potential difference across a copper wire is 5.0 V when a current of 0.5 A flows through it. The resistance of the wire is:

- Ans** ☒ 1. 10.0 Ω
☒ 2. 2.5 Ω
☒ 3. 0.1 Ω
☒ 4. 5.0 Ω

Question ID : 7518976670
Option 1 ID : 75189726680
Option 2 ID : 75189726677
Option 3 ID : 75189726679
Option 4 ID : 75189726678
Status : Answered
Chosen Option : 1

Q.72 Which institution is the country's premier organisation for literary discourse, publication and promotion, and the only one that does so in 24 Indian languages, including English?

- Ans** ☒ 1. English and Foreign Languages University
☒ 2. Sahitya Akademi
☒ 3. Hindi Granth Academy
☒ 4. Indira Gandhi National Open University

Question ID : 7518978857
Option 1 ID : 75189735427
Option 2 ID : 75189735425
Option 3 ID : 75189735428
Option 4 ID : 75189735426
Status : Answered
Chosen Option : 2

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

(Left) K & ^ 5 T & B 4 @ 3 # 1 A 3 P H 9 L % 9 2 (Right)

If all letters are dropped from the series, which of the following will be fifth from the left?

- Ans** ☒ 1. &
☒ 2. 4
☒ 3. 3
☒ 4. #

Question ID : 7518979160
Option 1 ID : 75189736637
Option 2 ID : 75189736639
Option 3 ID : 75189736638
Option 4 ID : 75189736640
Status : Answered
Chosen Option : 2

Q.74 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the middle of the sides. D sits third to the left of F. D sits at one of the corners. C sits second to the right of A. A does not sit at any of the corners. A is not an immediate neighbour of D. G is an immediate neighbour of E. G does not sit at any of the middle of the sides. Only three people sit between G and B. Who sits second to the right of H?

Ans ~~1.~~ E
~~2.~~ G

Q.77 This question is based on the following 3-letter words.
(left) ROW MAD LAY CAT (right)
If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

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

Question ID : 7518978268
Option 1 ID : 75189733070
Option 2 ID : 75189733071
Option 3 ID : 75189733069
Option 4 ID : 75189733072
Status : Answered
Chosen Option : 1

Q.78 In an organic compound, a functional group determines:

- Ans** ☒ 1. its chemical properties
☒ 2. the nature of the carbon chain
☒ 3. the length of carbon chain
☒ 4. its molecular mass

Question ID : 7518978111
Option 1 ID : 75189732441
Option 2 ID : 75189732443
Option 3 ID : 75189732442
Option 4 ID : 75189732444
Status : Answered
Chosen Option : 1





Q.79 Madnu and Mohan are standing in a row of people. Madnu is standing at the 16th position from the left side of the row and Mohan is standing at the 19th position from the right side of the row. If both of them interchange their positions Madnu becomes 28th from the left. How many people are standing in the row?

- Ans** ☒ 1. 35
☒ 2. 43
☒ 3. 47
☒ 4. 46

Question ID : 7518977895
Option 1 ID : 75189731579
Option 2 ID : 75189731580
Option 3 ID : 75189731578
Option 4 ID : 75189731577
Status : Answered
Chosen Option : 4

Q.83 Match the following characteristics in the modern periodic table:

i. Total number of blocks in table	a. 4
ii. Total number of periods	b. 2
iii. Number of elements in K shell	c. 8
iv. Number of elements in M shell	d. 7
v. Number of elements in L shell	e. 18

- Ans  1. i-b, ii-a, iii-d, iv-c, v-e
 2. i-a, ii-b, iii-c, iv-d, v-e
 3. i-e, ii-c, iii-a, iv-b, v-d
 4. i-a, ii-d, iii-b, iv-e, v-c

Question ID : 7518973719
Option 1 ID : 75189714875
Option 2 ID : 75189714873
Option 3 ID : 75189714876
Option 4 ID : 75189714874
Status : Answered
Chosen Option : 4

Q.84 A Memorandum of Understanding (MoU) was signed between the Survey of India, Government of India and Assam State Government in June 2021 for the implementation of which scheme for rural property survey?

- Ans  1. Mission Suraksha
 2. Svamitva scheme
 3. Mission Sagar
 4. Sahakar Mitra Scheme

Question ID : 7518973984
Option 1 ID : 75189715934
Option 2 ID : 75189715933
Option 3 ID : 75189715936
Option 4 ID : 75189715935
Status : Not Answered
Chosen Option : --

Q.85 Hardness of water can be removed by using:

- Ans ☒ 1. vinegar
☒ 2. POP
☒ 3. washing soda
☒ 4. common salt

Question ID : 7518973484
Option 1 ID : 75189713933
Option 2 ID : 75189713934
Option 3 ID : 75189713936
Option 4 ID : 75189713935
Status : Answered
Chosen Option : 3

Q.86 Which of the following interchanges of numbers would make the given equation correct?

$$6 \times 40 \div 8 + 2 - 5 = 11$$

- Ans ☒ 1. 8, 40
☒ 2. 5, 6
☒ 3. 2, 6
☒ 4. 2, 5

Question ID : 7518975110
Option 1 ID : 75189720437
Option 2 ID : 75189720439
Option 3 ID : 75189720438
Option 4 ID : 75189720440
Status : Answered
Chosen Option : 3

Q.87 Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

AJMT2, DMP81, GPS00, JSV99,?

- Ans ☒ 1. MVJ105
☒ 2. MVY108
☒ 3. MSV105
☒ 4. MYV108

Question ID : 7518979146
Option 1 ID : 75189736582
Option 2 ID : 75189736583
Option 3 ID : 75189736584
Option 4 ID : 75189736581
Status : Answered
Chosen Option : 2