



RRB GROUP - D **SHIFT - 2** (01-09-2022)

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



Test Date	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.

- 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** 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.  $45^\circ$
  - 2.  $30^\circ$
  - 3.  $90^\circ$
  - 4.  $60^\circ$



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. Chandrashekhhar 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 Vanita. After 3 years, three times the age of Vanita will be 4 years less than four times the age of Sujatha. The age of Vanita 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. Sutratkratang 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 '+' 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 18<sup>th</sup> from the top and 32<sup>nd</sup> 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. 25<sup>th</sup>
  - 2. 15<sup>th</sup>
  - 3. 20<sup>th</sup>
  - 4. 10<sup>th</sup>

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** Susheela 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  $\theta$  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, ?, 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  $900 \text{ cm}^2$ . Its perimeter is equal to the perimeter of a regular hexagon. What is the area (in  $\text{cm}^2$ ) 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 cm, PB = 21 cm, PC = 6 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

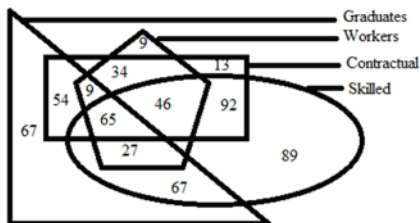
Question ID : 7518978491  
 Option 1 ID : 75189733964  
 Option 2 ID : 75189733963  
 Option 3 ID : 75189733961  
 Option 4 ID : 75189733962  
 Status : Not Answered  
 Chosen Option : --

**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, 'AFPQV' 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  $216 \text{ cm}^3$ , are joined end to end in a linear manner only (single row arrangement) to form a cuboid. What is the lateral surface area (in  $\text{cm}^2$ ) 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 palace. From the city palace, 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	64	68

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, ?, 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 Raghav's average earning per month in the first three months of a year was ₹45,000. In April, his earning was  $33\frac{2}{3}\%$  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 Raghav'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

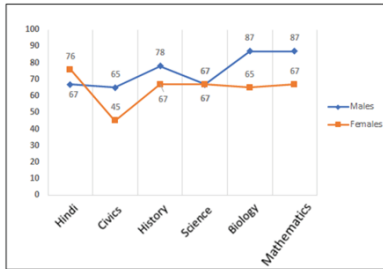
$x^2 + \frac{1}{x^2}$  is:

- 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  $\Omega$   
✗ 2. 2.5  $\Omega$   
✗ 3. 0.1  $\Omega$   
✗ 4. 5.0  $\Omega$

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
  - 3. C
  - 4. B

Question ID : 7518978167  
Option 1 ID : 75189732666  
Option 2 ID : 75189732667  
Option 3 ID : 75189732668  
Option 4 ID : 75189732665  
Status : Not Answered  
Chosen Option : --

**Q.75** When acetic acid is treated with sodium hydroxide, then \_\_\_\_\_ and water will be formed.

- Ans**
- 1. sodium bicarbonate
  - 2. sodium acetate
  - 3. sodium carbonate
  - 4. lactic acid

Question ID : 7518973443  
Option 1 ID : 75189713772  
Option 2 ID : 75189713771  
Option 3 ID : 75189713769  
Option 4 ID : 75189713770  
Status : Answered  
Chosen Option : 2

**Q.76** Three statements are given, followed by three conclusions numbered I, II and III. 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:**

- I. All grounds are plane.
- II. Some planes are covered.
- III. All covered are wets.

**Conclusions:**

- I. Some wets are plane.
- II. Some wets are grounds.
- III. Some planes are grounds.

- Ans**
- 1. Conclusions I, II and III follow
  - 2. Conclusions II and III follow
  - 3. Conclusions I and II follow
  - 4. Conclusions I and III follow

Question ID : 7518977913  
Option 1 ID : 75189731652  
Option 2 ID : 75189731651  
Option 3 ID : 75189731649  
Option 4 ID : 75189731650  
Status : Answered

**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** Madan and Mohan are standing in a row of people. Madan is standing at the 16<sup>th</sup> position from the left side of the row and Mohan is standing at the 19<sup>th</sup> position from the right side of the row. If both of them interchange their positions Madan becomes 28<sup>th</sup> 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.80** In which of the following years did the fourteen major Indian scheduled commercial banks get nationalised in India?

- Ans**  1. 1969  
 2. 1970  
 3. 1972  
 4. 1950

Question ID : 7518977510  
Option 1 ID : 75189730038  
Option 2 ID : 75189730039  
Option 3 ID : 75189730040  
Option 4 ID : 75189730037  
Status : Answered  
Chosen Option : 1

**Q.81** Who is the chairperson of National Commission for Women in India (As of July 2022)?

- Ans**  1. Dr. Girija Vyas  
 2. Mamta Sharma  
 3. Meeta Rajivlochan  
 4. Rekha Sharma

Question ID : 7518976484  
Option 1 ID : 75189725933  
Option 2 ID : 75189725934  
Option 3 ID : 75189725935  
Option 4 ID : 75189725936  
Status : Answered  
Chosen Option : 4

**Q.82** The resistance of a wire of length  $L$  and area of cross-section  $A$  is  $1.0 \Omega$ . The resistance of a wire of the same material, but of length  $4L$  and area of cross-section  $5A$  will be:

- Ans**  1.  $2.5 \Omega$   
 2.  $0.8 \Omega$   
 3.  $1.25 \Omega$   
 4.  $0.4 \Omega$

Question ID : 7518976684  
Option 1 ID : 75189726736  
Option 2 ID : 75189726734  
Option 3 ID : 75189726735  
Option 4 ID : 75189726733  
Status : Answered  
Chosen Option : 2

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?

AJM72, DMP81, GPS90, 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



Q.88 Find the nature of roots of  $2(p + q)^2x^2 + 2(p + q)x + 1 = 0$

- Ans
- 1. Real roots
  - 2. Real and distinct roots
  - 3. Real and equal roots
  - 4. Imaginary roots

Question ID : 7518975740  
Option 1 ID : 75189722957  
Option 2 ID : 75189722959  
Option 3 ID : 75189722958  
Option 4 ID : 75189722960  
Status : Answered  
Chosen Option : 1

Q.89 In which of the following cases does a concave mirror form a real image?

- (i) Object placed between focus and pole
- (ii) Object placed at infinity
- (iii) Object placed at focus

- Ans
- 1. Both (i) and (iii)
  - 2. (i), (ii) and (iii)
  - 3. Both (ii) and (iii)
  - 4. Both (i) and (ii)

Question ID : 7518975357  
Option 1 ID : 75189721427  
Option 2 ID : 75189721428  
Option 3 ID : 75189721426  
Option 4 ID : 75189721425  
Status : Not Answered  
Chosen Option : --

Q.90 One pipe can fill the tank in 20 min while another pipe can empty it in 60 min. If both the pipes are operated together, how long will it take to fill the tank completely?

- Ans
- 1. 30 min
  - 2. 10 min
  - 3. 40 min
  - 4. 20 min

Question ID : 7518975661  
Option 1 ID : 75189722642  
Option 2 ID : 75189722644  
Option 3 ID : 75189722643  
Option 4 ID : 75189722641  
Status : Answered  
Chosen Option : 1

**Q.91** In a certain code language, 'RECOVERY' is written as 'YRFVPCFR' and 'REQUIRED' is written as 'DFRJVQFR'. How will 'RIGOROUS' be written in that language?

- Ans**
- 1. RJGPRPVS
  - 2. SVPRPGJR
  - 3. SVRPPHJR
  - 4. SVPPRJGR

Question ID : 7518977675  
Option 1 ID : 75189730697  
Option 2 ID : 75189730698  
Option 3 ID : 75189730699  
Option 4 ID : 75189730700  
Status : Answered  
Chosen Option : 4

**Q.92** Which festival is celebrated in honour of Lord Padmasambhava?

- Ans**
- 1. Hornbill Festival
  - 2. Saga Dawa Festival
  - 3. Gangaur Festival
  - 4. Hemis Festival

Question ID : 7518977185  
Option 1 ID : 75189728740  
Option 2 ID : 75189728737  
Option 3 ID : 75189728739  
Option 4 ID : 75189728738  
Status : Not Answered  
Chosen Option : --

**Q.93** Which elements of Xylem are made of dead cells and YET are responsible for the movement of water and minerals in plants?

- Ans**
- 1. Tracheids and Xylem parenchyma
  - 2. Tracheids and Xylem Fibre
  - 3. Vessels and Xylem parenchyma
  - 4. Tracheids and Vessels

Question ID : 7518974541  
Option 1 ID : 75189718161  
Option 2 ID : 75189718163  
Option 3 ID : 75189718164  
Option 4 ID : 75189718162  
Status : Answered  
Chosen Option : 1

Q.94 The tendency of formation of basic oxide \_\_\_\_\_ when we are shifting down in a group.

- Ans
- 1. first increases, then decreases
  - 2. increases
  - 3. remains constant
  - 4. decreases

Question ID : 7518973530  
Option 1 ID : 75189714120  
Option 2 ID : 75189714117  
Option 3 ID : 75189714119  
Option 4 ID : 75189714118  
Status : Answered  
Chosen Option : 2

Q.95 Three numbers are in the ratio 1: 2: 5 and their LCM is 1600. Find the HCF of the numbers.

- Ans
- 1. 320
  - 2. 800
  - 3. 160
  - 4. 480

Question ID : 7518976045  
Option 1 ID : 75189724179  
Option 2 ID : 75189724177  
Option 3 ID : 75189724180  
Option 4 ID : 75189724178  
Status : Answered  
Chosen Option : 3

Q.96 Find the smallest number that can be added to 467851 to make the sum a perfect square.

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

Question ID : 7518978625  
Option 1 ID : 75189734499  
Option 2 ID : 75189734498  
Option 3 ID : 75189734497  
Option 4 ID : 75189734500  
Status : Not Answered  
Chosen Option : --

**Q.97** An object is placed at a distance of 10 cm in front of a concave mirror. Its image is formed at a distance at 15 cm on the same side. The focal length of the mirror is:

- Ans**
- ✓ 1. -6 cm
  - ✗ 2. 6 cm
  - ✗ 3. -30 cm
  - ✗ 4. 30 cm

Question ID : 7518976600  
Option 1 ID : 75189726398  
Option 2 ID : 75189726397  
Option 3 ID : 75189726400  
Option 4 ID : 75189726399  
Status : Answered  
Chosen Option : 3

**Q.98** What is the subunits composition of prokaryotic ribosomes?

- Ans**
- ✗ 1. 50S and 40S
  - ✓ 2. 50S and 30S
  - ✗ 3. 60S and 30S
  - ✗ 4. 60S and 40S

Question ID : 7518977787  
Option 1 ID : 75189731145  
Option 2 ID : 75189731146  
Option 3 ID : 75189731148  
Option 4 ID : 75189731147  
Status : Answered  
Chosen Option : 1

**Q.99** \_\_\_\_\_ means the additional satisfaction or benefit (utility) that a consumer derives from buying an additional unit of a commodity or service.

- Ans**
- ✗ 1. Consumer Demand
  - ✓ 2. Marginal Utility
  - ✗ 3. Total Utility
  - ✗ 4. Equilibrium

Question ID : 7518978871  
Option 1 ID : 75189735484  
Option 2 ID : 75189735481  
Option 3 ID : 75189735482  
Option 4 ID : 75189735483  
Status : Not Answered  
Chosen Option : --

**Q.100** Induced EMF in a coil during the phenomenon of electromagnetic induction is directly proportional to:

- Ans**
- 1. change in magnetic flux
  - 2. rate of change in magnetic flux
  - 3. magnetic flux
  - 4. resistance of the circuit

Question ID : 7518978163  
Option 1 ID : 75189732651  
Option 2 ID : 75189732652  
Option 3 ID : 75189732649  
Option 4 ID : 75189732650  
Status : Answered  
Chosen Option : 2

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