



RRB GROUP - D **SHIFT - 1** (05-09-2022)

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



Roll Number	
Candidate Name	
Test Center Name	
Test Date	05/09/2022
Test Time	9:00 AM - 10:30 AM
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** Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. 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)

22 : 440 :: 14 : 168 :: 19 : ?

- Ans
- ✓ 1. 323
  - ✗ 2. 228
  - ✗ 3. 95
  - ✗ 4. 380

Question ID : 7518978054  
Option 1 ID : 75189732214  
Option 2 ID : 75189732215  
Option 3 ID : 75189732216  
Option 4 ID : 75189732213  
Status : Answered  
Chosen Option : 1

**Q.2** If ABCD is a rhombus such that  $\angle ACB = 40^\circ$ , then  $\angle ADB$  is:

- Ans
- ✓ 1.  $50^\circ$
  - ✗ 2.  $40^\circ$
  - ✗ 3.  $45^\circ$
  - ✗ 4.  $60^\circ$

Question ID : 7518978810  
Option 1 ID : 75189735239  
Option 2 ID : 75189735237  
Option 3 ID : 75189735238  
Option 4 ID : 75189735240  
Status : Answered  
Chosen Option : 1

**Q.3** Starting from point P, Sheetal walks 50 m towards the west. She takes a right turn and walks 20 m. Then she takes a left turn and walks 47 m. She takes a left turn again and walks 75 m. Again, she takes a left turn and walks 47 m. She takes a left turn again and walks 20 m. Then she takes a right turn and walks 50 m. Finally, she takes a left turn and walks 10 m to reach point Q. How far and in which direction is point P from point Q? (All turns are 90 degree turns only)

- Ans**
- ✓ 1. 25 m due north
  - ✗ 2. 25 m due south
  - ✗ 3. 35 m due north
  - ✗ 4. 15 m due north

Question ID : 7518977700  
Option 1 ID : 75189730797  
Option 2 ID : 75189730798  
Option 3 ID : 75189730799  
Option 4 ID : 75189730800  
Status : Answered  
Chosen Option : 3

**Q.4** 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. All sparrows are birds.
- 2. Some birds are animals.
- 3. All dogs are animals.

Conclusions:

- I. Some dogs are sparrows.
- II. All animals are birds is a possibility.
- III. Some animals are sparrows.

- Ans**
- ✓ 1. Only conclusion II is true
  - ✗ 2. Only conclusion I is true
  - ✗ 3. Only conclusion III is true
  - ✗ 4. Only conclusion I and II are true

Question ID : 7518978202  
Option 1 ID : 75189732806  
Option 2 ID : 75189732805  
Option 3 ID : 75189732807  
Option 4 ID : 75189732808  
Status : Answered  
Chosen Option : 1

**Q.5** 3 bags and 4 pens together cost ₹1,285, whereas 5 bags and 3 pens together cost ₹1,995. The cost of 2 bags exceeds the cost of 11 pens by:

- Ans**
- ✗ 1. ₹350
  - ✗ 2. ₹390
  - ✗ 3. ₹300
  - ✓ 4. ₹310

Question ID : 7518978436  
Option 1 ID : 75189733742  
Option 2 ID : 75189733741  
Option 3 ID : 75189733744  
Option 4 ID : 75189733743  
Status : Answered  
Chosen Option : 4

Q.6 According to Global MPI 2021, India's rank is \_\_\_\_\_ out of 109 countries.

- Ans
- 1. 99
  - 2. 66
  - 3. 96
  - 4. 87

Question ID : 7518977168  
Option 1 ID : 75189728672  
Option 2 ID : 75189728669  
Option 3 ID : 75189728671  
Option 4 ID : 75189728670  
Status : Not Answered  
Chosen Option : --

Q.7 Who discovered the law of octaves and compared this to the octaves found in music?

- Ans
- 1. Johann Döbereiner
  - 2. Johann Jakob Balmer
  - 3. John Newlands
  - 4. Dmitri Mendeléev

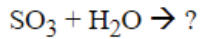
Question ID : 7518973706  
Option 1 ID : 75189714822  
Option 2 ID : 75189714824  
Option 3 ID : 75189714821  
Option 4 ID : 75189714823  
Status : Answered  
Chosen Option : 3

Q.8 Some features of a prokaryotic cell are mentioned below. Select the INCORRECT option.

- Ans
- 1. Very small in size
  - 2. Membrane-bound cell organelles present
  - 3. Single chromosome
  - 4. Nuclear region known as nucleoid

Question ID : 7518974565  
Option 1 ID : 75189718257  
Option 2 ID : 75189718259  
Option 3 ID : 75189718258  
Option 4 ID : 75189718260  
Status : Answered  
Chosen Option : 2

Q.9 What is the product of the following combination reaction?



- Ans
- 1.  $\text{H}_2\text{SO}_4$
  - 2.  $\text{H}_2\text{O}_2$
  - 3.  $\text{H}_2\text{S}$
  - 4.  $\text{SO}_2$

Question ID : 7518973424  
Option 1 ID : 75189713696  
Option 2 ID : 75189713695  
Option 3 ID : 75189713694  
Option 4 ID : 75189713693  
Status : Answered  
Chosen Option : 1

Q.10 Due to atmospheric refraction, the apparent position of a star is slightly \_\_\_\_\_ than its actual position, when viewed from near the horizon, and this apparent position \_\_\_\_\_. This results in twinkling of stars.

- Ans
- 1. lower, is stationary
  - 2. higher, keeps on changing
  - 3. higher, is stationary
  - 4. lower, keeps on changing

Question ID : 7518976661  
Option 1 ID : 75189726643  
Option 2 ID : 75189726642  
Option 3 ID : 75189726641  
Option 4 ID : 75189726644  
Status : Answered  
Chosen Option : 4

Q.11 Which of the following Fundamental Rights stands violated in a hypothetical situation where an officer of the armed forces is not promoted because she is a woman?

- Ans
- 1. Right to Freedom
  - 2. Right to Equality
  - 3. Right to Constitutional Remedies
  - 4. Right against Exploitation

Question ID : 7518978592  
Option 1 ID : 75189734368  
Option 2 ID : 75189734366  
Option 3 ID : 75189734367  
Option 4 ID : 75189734365  
Status : Answered  
Chosen Option : 2

**Q.12** If the mode of a data exceeds its mean by 16.2, then the mode exceeds the median by \_\_\_\_\_. (Use empirical formula to find the answer.)

- Ans
- 1. 10.2
  - 2. 10.8
  - 3. 8.25
  - 4. 12.4

Question ID : 7518978425

Option 1 ID : 75189733698

Option 2 ID : 75189733699

Option 3 ID : 75189733697

Option 4 ID : 75189733700

Status : **Not Attempted and Marked For Review**

Chosen Option : --

**Q.13** Refer to the following letter, number, symbol series and answer the question.

(Left) B 8 D 5 6 M S 8 # Z @ 7 K \$ 2 C B 4 5 N R (Right)

How many such numbers are there which are immediately preceded by a letter and also immediately followed by a number?

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

Question ID : 7518979158

Option 1 ID : 75189736630

Option 2 ID : 75189736632

Option 3 ID : 75189736629

Option 4 ID : 75189736631

Status : **Answered**

Chosen Option : 1

**Q.14** How many electrons are shared by one oxygen atom with a carbon atom in a carbon dioxide molecule?

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

Question ID : 7518973391

Option 1 ID : 75189713561

Option 2 ID : 75189713562

Option 3 ID : 75189713564

Option 4 ID : 75189713563

Status : **Answered**

Chosen Option : 2

Q.15 Tamil, the official and most prominent language of Tamil Nadu, is a member of \_\_\_\_\_ language family.

- Ans
- 1. Munda
  - 2. Indo-Aryan
  - 3. Kra-Dai
  - 4. Dravidian

Question ID : 7518978860  
Option 1 ID : 75189735438  
Option 2 ID : 75189735439  
Option 3 ID : 75189735440  
Option 4 ID : 75189735437  
Status : Answered  
Chosen Option : 4

Q.16 If the product of two numbers is 8410 and their HCF is 29, then their LCM is:

- Ans
- 1. 290
  - 2. 310
  - 3. 270
  - 4. 330

Question ID : 7518976255  
Option 1 ID : 75189725018  
Option 2 ID : 75189725017  
Option 3 ID : 75189725019  
Option 4 ID : 75189725020  
Status : Answered  
Chosen Option : 1

Q.17 Refer to the following number, symbol series and answer the question.

7 4 & @ 3 4 % @ \$ 4 @ 3 4 % 4 \$ 5 \* @ 4 3 4 5 \* 3

How many 4s are there that are immediately followed by a symbol?

- Ans
- 1. Five
  - 2. Nine
  - 3. Seven
  - 4. Three

Question ID : 7518978265  
Option 1 ID : 75189733058  
Option 2 ID : 75189733059  
Option 3 ID : 75189733057  
Option 4 ID : 75189733060  
Status : Answered  
Chosen Option : 1

**Q.18** In a certain code language, the numbers/symbols are coded using letters as per the table given below and as per the given conditions.

Number/ Symbol	\$	5	%	6	^	7	4	&	8	*	9	!	2	@	3	#	
Code	A	S	D	F	G	H	J	K	L	M	N	B	V	C	X	Z	Q

**Conditions:**

- I. If the first element is an even number and the last is an odd number, the codes for the first and last elements are to be interchanged.
- II. If both the second and third elements are even numbers, the code for these two will be K.
- III. If the first element is a number and the last a symbol, the last element code is to be used for the first element also.

What will be the code for 8%759@ ?

- Ans**
1. LDHANX
  2. XDHANX
  3. LDHANL
  4. XDHANL

Question ID : 7518978010  
Option 1 ID : 75189732037  
Option 2 ID : 75189732039  
Option 3 ID : 75189732038  
Option 4 ID : 75189732040  
Status : Answered  
Chosen Option : 2

**Q.19** The position of how many letters will remain unchanged if each of the letters in the word AMBUSHED is arranged in the reverse alphabetical order?

- Ans**
1. Three
  2. zero
  3. One
  4. Two

Question ID : 7518977966  
Option 1 ID : 75189731864  
Option 2 ID : 75189731861  
Option 3 ID : 75189731862  
Option 4 ID : 75189731863  
Status : Answered  
Chosen Option : 2

**Q.20** Shri Lal Bahadur Shastri National Sanskrit University is located at \_\_\_\_\_.

- Ans**
1. Jaipur
  2. Lucknow
  3. New Delhi
  4. Dehradun

Question ID : 7518977478  
Option 1 ID : 75189729911  
Option 2 ID : 75189729912  
Option 3 ID : 75189729910  
Option 4 ID : 75189729909  
Status : Marked For F



**Q.21** Tamanna started her walk at 6 a.m. On her way she saw a tree in front of her. She noted that the shadow of the tree was exactly to her left. In which direction was Tamanna walking?

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

Question ID : 7518978017  
Option 1 ID : 75189732068  
Option 2 ID : 75189732067  
Option 3 ID : 75189732065  
Option 4 ID : 75189732066  
Status : Answered  
Chosen Option : 4

**Q.22** 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.  
59 : 45 :: 46 : 24 :: 85 : ?

- Ans
- 1. 35
  - 2. 38
  - 3. 40
  - 4. 44

Question ID : 7518977726  
Option 1 ID : 75189730904  
Option 2 ID : 75189730901  
Option 3 ID : 75189730903  
Option 4 ID : 75189730902  
Status : Answered  
Chosen Option : 3

**Q.23** Three pipes A, B and C can fill a tank in 5 hours, 8 hours and 12 hours, respectively. If all the pipes are opened at the same time, then the time taken to fill the tank is:

- Ans
- 1.  $5\frac{22}{49}$  hours
  - 2.  $4\frac{22}{49}$  hours
  - 3.  $3\frac{22}{49}$  hours
  - 4.  $2\frac{22}{49}$  hours

Question ID : 7518978710  
Option 1 ID : 75189734837  
Option 2 ID : 75189734838  
Option 3 ID : 75189734839  
Option 4 ID : 75189734840  
Status : Answered  
Chosen Option : 4

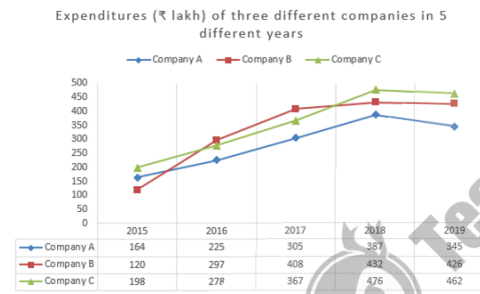
Q.24

The value of  $\left(\frac{x^b}{x^c}\right)^{b+c} \times \left(\frac{x^c}{x^a}\right)^{c+a} \times \left(\frac{x^a}{x^b}\right)^{a+b}$  is equal to:

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

Question ID : 7518978620  
Option 1 ID : 75189734478  
Option 2 ID : 75189734480  
Option 3 ID : 75189734477  
Option 4 ID : 75189734479  
Status : Answered  
Chosen Option : 4

Q.25 Study the graph and answer the question.



Total expenditure of all three companies together in the year 2018 was what percentage of the total expenditure of company B over all the years together?

- Ans
- 1. 77.32%
  - 2. 75.86%
  - 3. 76.95%
  - 4. 78.65%

Question ID : 7518979057  
Option 1 ID : 75189736226  
Option 2 ID : 75189736228  
Option 3 ID : 75189736227  
Option 4 ID : 75189736225  
Status : Answered  
Chosen Option : 1

**Q.26** If the simple interest on a certain sum for 8 years is  $\frac{11}{25}$  of the sum, then the rate of interest per annum is:

- Ans**
- 1.  $8\frac{1}{2}\%$
  - 2.  $5\frac{1}{2}\%$
  - 3.  $7\frac{1}{2}\%$
  - 4.  $6\frac{1}{2}\%$

Question ID : 7518978676  
Option 1 ID : 75189734701  
Option 2 ID : 75189734704  
Option 3 ID : 75189734702  
Option 4 ID : 75189734703  
Status : Answered  
Chosen Option : 2

**Q.27** The corresponding sides of two similar triangles are in the ratio of 2: 3. If the area of the smaller triangle is 48 cm<sup>2</sup>, then the area of the bigger triangle is:

- Ans**
- 1. 230 cm<sup>2</sup>
  - 2. 107 cm<sup>2</sup>
  - 3. 106 cm<sup>2</sup>
  - 4. 108 cm<sup>2</sup>

Question ID : 7518978807  
Option 1 ID : 75189735225  
Option 2 ID : 75189735227  
Option 3 ID : 75189735226  
Option 4 ID : 75189735228  
Status : Answered  
Chosen Option : 4

**Q.28** Which player among the following won individual silver medal in the women's 10 m air pistol event in International Shooting Sport Federation (ISSF) World Cup 2022?

- Ans**
- 1. Manu Bhaker
  - 2. Esha Singh
  - 3. Shreya Aggarwal
  - 4. Rajshree Sancheti

Question ID : 7518977435  
Option 1 ID : 75189729740  
Option 2 ID : 75189729738  
Option 3 ID : 75189729739  
Option 4 ID : 75189729737  
Status : Not Answered  
Chosen Option : --

**Q.29** If 3 and  $-7$  are the roots of a quadratic equation, then the quadratic equation is:

- Ans**
- ✓ 1.  $x^2 + 4x - 21 = 0$
  - ✗ 2.  $-x^2 + 4x + 21 = 0$
  - ✗ 3.  $x^2 - 4x - 21 = 0$
  - ✗ 4.  $x^2 - 4x + 21 = 0$

Question ID : 7518976350  
Option 1 ID : 75189725398  
Option 2 ID : 75189725397  
Option 3 ID : 75189725399  
Option 4 ID : 75189725400  
Status : Answered  
Chosen Option : 1

**Q.30** Read the given statements and conclusions carefully and decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

In a race,

1. G is behind L who is behind D.
2. D is ahead of G who is ahead of R.
3. F is not behind V who is ahead of R.

**Conclusions:**

- I. V is behind D.
- II. F is ahead of R.
- III. D is ahead of R.

- Ans**
- ✗ 1. Conclusions I and III follow
  - ✗ 2. Conclusion III follows
  - ✓ 3. Conclusions II and III follow
  - ✗ 4. Conclusions I and II follow

Question ID : 7518977950  
Option 1 ID : 75189731798  
Option 2 ID : 75189731799  
Option 3 ID : 75189731800  
Option 4 ID : 75189731797  
Status : Answered  
Chosen Option : 3

**Q.31** A shopkeeper sells an item for ₹571.20 after giving two successive discounts of 20% and 15% on its marked price. Had he not given any discount, he would have earned a profit of 12%. What is the cost price (in ₹) of the item?

- Ans**
- ✗ 1. 780
  - ✗ 2. 720
  - ✓ 3. 750
  - ✗ 4. 700

Question ID : 7518978390  
Option 1 ID : 75189733560  
Option 2 ID : 75189733558  
Option 3 ID : 75189733559  
Option 4 ID : 75189733557  
Status : Answered  
Chosen Option : 3

**Q.32** Anu is four times as good as Binni in doing a work. Together they finish the same work in 12 hrs. In how many hrs will Anu alone finish the work?

- Ans**
- 1. 10 hrs
  - 2. 11 hrs
  - 3. 15 hrs
  - 4. 13 hrs

Question ID : 7518975656  
Option 1 ID : 75189722621  
Option 2 ID : 75189722622  
Option 3 ID : 75189722624  
Option 4 ID : 75189722623  
Status : Answered  
Chosen Option : 3

**Q.33** Where is India's only confirmed active volcano located, which lies about 135 km south of the Andaman and Nicobar Island's capital, Port Blair?

- Ans**
- 1. Barren Island
  - 2. Havelock island
  - 3. Wilson Island
  - 4. Neill Island

Question ID : 7518978910  
Option 1 ID : 75189735637  
Option 2 ID : 75189735638  
Option 3 ID : 75189735640  
Option 4 ID : 75189735639  
Status : Not Answered  
Chosen Option : --

**Q.34** What kind of resources are the fossil fuels coal and petroleum?

- Ans**
- 1. Exhaustible and renewable
  - 2. Inexhaustible
  - 3. Exhaustible and non-renewable
  - 4. Renewable

Question ID : 7518974691  
Option 1 ID : 75189718761  
Option 2 ID : 75189718763  
Option 3 ID : 75189718762  
Option 4 ID : 75189718764  
Status : Answered  
Chosen Option : 3

**Q.35** The position of how many letters will remain unchanged if each of the letters in the word DUPLICATE is arranged in alphabetical order?

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

Question ID : 7518977963  
Option 1 ID : 75189731852  
Option 2 ID : 75189731850  
Option 3 ID : 75189731849  
Option 4 ID : 75189731851  
Status : Answered  
Chosen Option : 4

**Q.36** T, U, V, W, X, Y, Z and A are sitting in a straight row, facing north. Only Z sits between T and V. A sits at the extreme left end of the row. Only three people sit between Z and Y. Only X sits between V and W. T sits to the immediate right of U. Who sits to the immediate right of A?

- Ans**
- 1. T
  - 2. W
  - 3. U
  - 4. Z

Question ID : 7518977586  
Option 1 ID : 75189730342  
Option 2 ID : 75189730341  
Option 3 ID : 75189730344  
Option 4 ID : 75189730343  
Status : Answered  
Chosen Option : 3

**Q.37** Toothpaste is generally \_\_\_\_\_ in nature.

- Ans**
- 1. harmful
  - 2. acidic
  - 3. neutral
  - 4. basic

Question ID : 7518973468  
Option 1 ID : 75189713871  
Option 2 ID : 75189713869  
Option 3 ID : 75189713872  
Option 4 ID : 75189713870  
Status : Answered  
Chosen Option : 4

**Q.38** Five persons, P, Q, R, S and T travelled in different months of the same year viz. January, February, March, April and May.  
Q travelled in February. Only one person travelled between Q and P. Only three people travelled between T and R. R travelled in a month after P. Who among them travelled in May?

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

Question ID : 7518978191  
Option 1 ID : 75189732763  
Option 2 ID : 75189732764  
Option 3 ID : 75189732762  
Option 4 ID : 75189732761  
Status : Answered  
Chosen Option : 2

**Q.39** If

'-' means '+',

'+' means '×',

'÷' stands for '-' and

'×' means '+',

then which of the following equations is correct?

- Ans**
- 1.  $20 \div 3 \times 9 + 5 - 2 = 50$
  - 2.  $20 + 3 - 9 \div 5 \times 2 = 20$
  - 3.  $20 - 3 + 9 \times 5 \div 2 = 63$
  - 4.  $20 \times 3 \div 9 - 5 + 2 = 32$

Question ID : 7518978080  
Option 1 ID : 75189732320  
Option 2 ID : 75189732317  
Option 3 ID : 75189732318  
Option 4 ID : 75189732319  
Status : Answered  
Chosen Option : 3

**Q.40** \_\_\_\_\_ refers to the cessation of menstruation.

- Ans**
- 1. Menses
  - 2. Menopause
  - 3. Menarche
  - 4. Hypermenorrhea

Question ID : 7518974430  
Option 1 ID : 75189717719  
Option 2 ID : 75189717717  
Option 3 ID : 75189717718  
Option 4 ID : 75189717720  
Status : Answered

Q.41 Jawaharlal Nehru classified which of the following Acts as 'a new charter of slavery'?

- Ans
- 1. Government of India Act, 1935
  - 2. The Charter Act, 1853
  - 3. Rowlatt Act
  - 4. Government of India Act, 1919

Question ID : 7518977173  
Option 1 ID : 75189728690  
Option 2 ID : 75189728691  
Option 3 ID : 75189728692  
Option 4 ID : 75189728689  
Status : Answered  
Chosen Option : 1

Q.42 Which city of India will host the 2023 International Olympic Committee Session?

- Ans
- 1. Shimla
  - 2. Guwahati
  - 3. Chennai
  - 4. Mumbai

Question ID : 7518976473  
Option 1 ID : 75189725890  
Option 2 ID : 75189725892  
Option 3 ID : 75189725889  
Option 4 ID : 75189725891  
Status : Not Answered  
Chosen Option : --

Q.43 Which of the following is a public sector bank in India?

- Ans
- 1. Tamilnad Mercantile Bank
  - 2. Indian Overseas Bank
  - 3. IndusInd Bank
  - 4. Bandhan Bank

Question ID : 7518977507  
Option 1 ID : 75189730026  
Option 2 ID : 75189730027  
Option 3 ID : 75189730025  
Option 4 ID : 75189730028  
Status : Not Answered  
Chosen Option : --



Q.44 Which of the following molecules has three carbon atoms in it?

- Ans
- 1. Glucose
  - 2. Pyruvic acid
  - 3. Carbon dioxide
  - 4. Ethanol

Question ID : 7518974390  
Option 1 ID : 75189717559  
Option 2 ID : 75189717557  
Option 3 ID : 75189717558  
Option 4 ID : 75189717560  
Status : Answered  
Chosen Option : 2

Q.45 If the numerator of a fraction be increased by 10% and its denominator be reduced by 5%, then the fraction becomes  $\frac{4}{5}$ . Find the original fraction.

- Ans
- 1.  $\frac{17}{25}$
  - 2.  $\frac{23}{55}$
  - 3.  $\frac{38}{55}$
  - 4.  $\frac{19}{25}$

Question ID : 7518976049  
Option 1 ID : 75189724194  
Option 2 ID : 75189724195  
Option 3 ID : 75189724196  
Option 4 ID : 75189724193  
Status : Answered  
Chosen Option : 3

Q.46 Which disease in human beings is caused by UV radiation from the Sun?

- Ans
- 1. Pneumonia
  - 2. Skin cancer
  - 3. Smallpox
  - 4. Parkinson's disease

Question ID : 7518977860  
Option 1 ID : 75189731440  
Option 2 ID : 75189731437  
Option 3 ID : 75189731438  
Option 4 ID : 75189731439  
Status : Answered  
Chosen Option : 2

Q.47 Which of the following festivals is celebrated in the month of January every year?

- Ans
- ✓ 1. Pongal
  - ✗ 2. Ugadi
  - ✗ 3. Gudi Padwa
  - ✗ 4. Onam

Question ID : 7518974177

Option 1 ID : 75189716705

Option 2 ID : 75189716706

Option 3 ID : 75189716707

Option 4 ID : 75189716708

Status : **Not Attempted and  
Marked For Review**

Chosen Option : --

Q.48 Vamsi's father is 60 years old. He is 20 years older than twice Vamsi's age. Find Vamsi's age.

- Ans
- ✓ 1. 20 years
  - ✗ 2. 30 years
  - ✗ 3. 25 years
  - ✗ 4. 15 years

Question ID : 7518976150

Option 1 ID : 75189724597

Option 2 ID : 75189724600

Option 3 ID : 75189724598

Option 4 ID : 75189724599

Status : **Answered**

Chosen Option : 1

Q.49 An object is placed in front of a concave mirror of focal length 6 cm, at a distance of 24 cm. The magnification produced by the mirror is \_\_\_\_\_.

- Ans
- ✗ 1. 3
  - ✓ 2.  $-\frac{1}{3}$
  - ✗ 3.  $\frac{1}{3}$
  - ✗ 4. -3

Question ID : 7518976607

Option 1 ID : 75189726427

Option 2 ID : 75189726426

Option 3 ID : 75189726425

Option 4 ID : 75189726428

Status : **Answered**

Chosen Option : 4

**Q.50** Seven people, A, B, C, D, E, F and G, are sitting in a straight row, facing north. Only three people sit between A and D. Only two people sit to the left of A. G is not an immediate neighbour of D. G sits second to the right of E. F sits to the immediate right of C. Who sits at the extreme left end of the row?

- Ans**
- 1. E
  - 2. A
  - 3. B
  - 4. G

Question ID : 7518978176  
Option 1 ID : 75189732701  
Option 2 ID : 75189732703  
Option 3 ID : 75189732702  
Option 4 ID : 75189732704  
Status : Answered  
Chosen Option : 1

**Q.51** In Economics, Total variable cost ÷ Units of output produced = \_\_\_\_\_

- Ans**
- 1. Average product
  - 2. Average fixed cost
  - 3. Total product
  - 4. Average variable cost

Question ID : 7518978558  
Option 1 ID : 75189734232  
Option 2 ID : 75189734229  
Option 3 ID : 75189734231  
Option 4 ID : 75189734230  
Status : Answered  
Chosen Option : 4

**Q.52** Consider the following statements about a fuse wire:

- (a) It is connected in series with a device.
- (b) It is made of a material of low melting point.

Which of the above statements is/are correct?

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

Question ID : 7518976702  
Option 1 ID : 75189726806  
Option 2 ID : 75189726805  
Option 3 ID : 75189726807  
Option 4 ID : 75189726808  
Status : Answered  
Chosen Option : 3

Q.53

In January 2022, who launched NIPER Research Portal?

Ans

- 1. Narendra Modi
- 2. Mansukh Mandaviya
- 3. Piyush Goyal
- 4. Amit Shah

Question ID : 7518973782  
Option 1 ID : 75189715125  
Option 2 ID : 75189715126  
Option 3 ID : 75189715128  
Option 4 ID : 75189715127  
Status : Not Answered  
Chosen Option : --

Q.54

The value of  $\left(\frac{64}{25}\right)^{-\frac{3}{2}} \times \left(\frac{2}{5}\right)^4 \div \sqrt[5]{(32)^{-3}}$  is:

Ans

- 1.  $\frac{1}{20}$
- 2.  $\frac{8}{25}$
- 3.  $\frac{1}{5}$
- 4.  $\frac{2}{5}$

Question ID : 7518978345  
Option 1 ID : 75189733380  
Option 2 ID : 75189733379  
Option 3 ID : 75189733377  
Option 4 ID : 75189733378  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.55 The current population of a town is 15,625. It increases by 8% and 12% in two successive years but decreases by 22% in the third year. What is the population of the town at the end of the third year?

Ans

- 1. 15,120
- 2. 14,742
- 3. 13,230
- 4. 14,042

Question ID : 7518978359  
Option 1 ID : 75189733435  
Option 2 ID : 75189733434  
Option 3 ID : 75189733433  
Option 4 ID : 75189733436

Q.56 What is the median of the following data?

41, 32, 50, 28, 35, 19, 27, 31, 45, 16, 34, 37

- Ans
- 1. 33
  - 2. 34
  - 3. 32.5
  - 4. 33.5

Question ID : 7518978421  
Option 1 ID : 75189733682  
Option 2 ID : 75189733684  
Option 3 ID : 75189733681  
Option 4 ID : 75189733683  
Status : Answered  
Chosen Option : 1

Q.57 The volume of a cuboid whose length, breadth and height are 3 cm, 4 cm and 5 cm, respectively, is:

- Ans
- 1.  $80 \text{ cm}^3$
  - 2.  $70 \text{ cm}^3$
  - 3.  $60 \text{ cm}^3$
  - 4.  $90 \text{ cm}^3$

Question ID : 7518978792  
Option 1 ID : 75189735166  
Option 2 ID : 75189735167  
Option 3 ID : 75189735168  
Option 4 ID : 75189735165  
Status : Answered  
Chosen Option : 3

Q.58 Many of the excretory products produced by plants are useful to humans. Identify the product that is harmful for humans when inhaled.

- Ans
- 1. Gums
  - 2. Resins
  - 3. Carbon dioxide
  - 4. Oxygen

Question ID : 7518974556  
Option 1 ID : 75189718223  
Option 2 ID : 75189718222  
Option 3 ID : 75189718221  
Option 4 ID : 75189718224  
Status : Answered  
Chosen Option : 3

**Q.59** During fermentation in yeast, pyruvate is converted into which of the following products?

- Ans**
- 1. Glucose and carbon dioxide
  - 2. Lactic acid and carbon dioxide
  - 3. Water and carbon dioxide
  - 4. Ethanol and carbon dioxide

Question ID : 7518977795  
Option 1 ID : 75189731177  
Option 2 ID : 75189731180  
Option 3 ID : 75189731179  
Option 4 ID : 75189731178  
Status : Answered  
Chosen Option : 4

**Q.60** The Fundamental Duties of Indian citizens are found in which Article of the Constitution of India?

- Ans**
- 1. Article 51A
  - 2. Article 244
  - 3. Article 307
  - 4. Article 13

Question ID : 7518977270  
Option 1 ID : 75189729080  
Option 2 ID : 75189729077  
Option 3 ID : 75189729078  
Option 4 ID : 75189729079  
Status : Answered  
Chosen Option : 1

**Q.61** Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

LAPTOP : QPUQBM :: MOBILE : FMJCPN :: DEVICE : ?

- Ans**
- 1. FDJFEW
  - 2. EFWJDF
  - 3. FDJFFW
  - 4. FDJWFE

Question ID : 7518977703  
Option 1 ID : 75189730811  
Option 2 ID : 75189730809  
Option 3 ID : 75189730812  
Option 4 ID : 75189730810  
Status : Answered  
Chosen Option : 4

**Q.62** In this question, a group of letters is coded using letters/symbols as per the table given below, and the conditions that follow. The correct combination of codes following the conditions is your answer.

Letter/Symbols	O	E	R	L	A	V	&	S	@
Code	7	6	1	4	8	2	3	5	9

Condition 1: If a word starts with a vowel but ends with a consonant then codes for first and last letter to be reversed.

Condition 2: If there are more than two vowels in a word, then first vowel is to be coded as 1, second vowel as 2 and so on.

Condition 3: If a word starts with a consonant and also ends with a consonant then vowels are to be coded after coding all the consonants.

What is the code for "ALOEVERA"?

- Ans
- 1. 84762618
  - 2. 14232415
  - 3. 14762618
  - 4. 84232615

Question ID : 7518979017  
 Option 1 ID : 75189736067  
 Option 2 ID : 75189736068  
 Option 3 ID : 75189736066  
 Option 4 ID : 75189736065  
 Status : Answered  
 Chosen Option : 2

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

12, 10, 11.5, 10.5, 11, 11, 10.5, 11.5, 10, ?

- Ans
- 1. 12
  - 2. 13
  - 3. 8.5
  - 4. 11

Question ID : 7518978043  
 Option 1 ID : 75189732171  
 Option 2 ID : 75189732172  
 Option 3 ID : 75189732169  
 Option 4 ID : 75189732170  
 Status : Answered  
 Chosen Option : 1

**Q.64** The river when in its lower course while entering the sea splits into numerous smaller channels known as \_\_\_\_\_.

- Ans
- 1. tributaries
  - 2. arêtes
  - 3. distributaries
  - 4. gorges

Question ID : 7518974254  
 Option 1 ID : 75189717013  
 Option 2 ID : 75189717016  
 Option 3 ID : 75189717014  
 Option 4 ID : 75189717015  
 Status : Answered  
 Chosen Option : 3

**Q.65** A ray of light in air is incident at an angle of  $45^\circ$  on the surface separating air from a medium of refractive index  $\sqrt{2}$ . The ray is refracted in the medium at an angle of \_\_\_\_.

- Ans**
- 1.  $45^\circ$
  - 2.  $15^\circ$
  - 3.  $30^\circ$
  - 4.  $60^\circ$

Question ID : 7518976615  
Option 1 ID : 75189726459  
Option 2 ID : 75189726457  
Option 3 ID : 75189726458  
Option 4 ID : 75189726460  
Status : Answered  
Chosen Option : 3

**Q.66** There are 43 cadets in a battalion, and the commander is planning for an straight row arrangement of cadets on stage, facing north. P is 18<sup>th</sup> from the left side of the row and Q is 31<sup>st</sup> from the right side of the row. Find the number of cadets standing between P and Q.

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

Question ID : 7518978958  
Option 1 ID : 75189735830  
Option 2 ID : 75189735829  
Option 3 ID : 75189735832  
Option 4 ID : 75189735831  
Status : Answered  
Chosen Option : 4

**Q.67** A certain number of people are sitting in a row, facing the north. R sits third to the left of P. Q sits fourth to the right of P. Only two persons sit between Q and T. If no other person is sitting in the row, what is the total number of persons seated?

- Ans**
- 1. 12
  - 2. 13
  - 3. 11
  - 4. 15

Question ID : 7518977311  
Option 1 ID : 75189729242  
Option 2 ID : 75189729241  
Option 3 ID : 75189729243  
Option 4 ID : 75189729244  
Status : Answered  
Chosen Option : 3



**Q.68** Which of the following is the scheme of interest subsidy on educational loans for overseas studies for students belonging to the minority communities?

- Ans**
- 1. Naya Savera
  - 2. Padho Pardesh
  - 3. Padho Videsh
  - 4. Nai Udaan

Question ID : 7518976782  
Option 1 ID : 75189727127  
Option 2 ID : 75189727126  
Option 3 ID : 75189727125  
Option 4 ID : 75189727128  
Status : Not Answered  
Chosen Option : --

**Q.69** If the armature of an AC generator is rotated faster, then:

- Ans**
- 1. induced potential difference decreases
  - 2. induced current decreases
  - 3. there is no change in induced current
  - 4. induced potential difference increases

Question ID : 7518978162  
Option 1 ID : 75189732645  
Option 2 ID : 75189732647  
Option 3 ID : 75189732648  
Option 4 ID : 75189732646  
Status : Answered  
Chosen Option : 4

**Q.70**  $\frac{(1 + \cot\theta - \operatorname{cosec}\theta)(1 + \tan\theta + \sec\theta)(\sec^2\theta)}{(\sec\theta - \cos\theta)(\cot\theta + \tan\theta)}$ ,  $0^\circ < \theta < 90^\circ$ , is equal to:

- Ans**
- 1.  $2 \operatorname{cosec} \theta$
  - 2.  $\sin \theta$
  - 3.  $\cos \theta$
  - 4.  $2 \sec \theta$

Question ID : 7518978482  
Option 1 ID : 75189733928  
Option 2 ID : 75189733926  
Option 3 ID : 75189733925  
Option 4 ID : 75189733927  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.71 Resistivity of material depends on \_\_\_\_\_.

- Ans
- 1. thickness
  - 2. length
  - 3. pressure
  - 4. temperature

Question ID : 7518978130  
Option 1 ID : 75189732520  
Option 2 ID : 75189732519  
Option 3 ID : 75189732517  
Option 4 ID : 75189732518  
Status : Answered  
Chosen Option : 4

Q.72 The three-tier system of Panchayati Raj was first recommended by the \_\_\_\_\_ in 1957.

- Ans
- 1. Ashok Mehta Committee
  - 2. Singhvi Committee
  - 3. GKV Rao Committee
  - 4. Balwant Rai Mehta Committee

Question ID : 7518978607  
Option 1 ID : 75189734426  
Option 2 ID : 75189734428  
Option 3 ID : 75189734427  
Option 4 ID : 75189734425  
Status : Not Answered  
Chosen Option : --

Q.73 The Constitution divided the powers between the Centre and the States in the terms of \_\_\_\_\_ lists.

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

Question ID : 7518977560  
Option 1 ID : 75189730237  
Option 2 ID : 75189730238  
Option 3 ID : 75189730239  
Option 4 ID : 75189730240  
Status : Answered  
Chosen Option : 2

**Q.74** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

17KDP, 20TMY, 23CVH, 26LEQ, ?

- Ans**
- 1. 29NZW
  - 2. 27UNZ
  - 3. 29UNZ
  - 4. 27NZW

Question ID : 7518979137  
Option 1 ID : 75189736547  
Option 2 ID : 75189736548  
Option 3 ID : 75189736546  
Option 4 ID : 75189736545  
Status : Answered  
Chosen Option : 3

**Q.75** The list price of a washing machine is ₹13,200. It is sold to a retailer after two successive discounts of 25% and 15%. The retailer wants to earn a profit of 20% on his cost after allowing a 25% discount (on its new list price) to the customer. At what price should he list the washing machine?

- Ans**
- 1. ₹13,664
  - 2. ₹13,644
  - 3. ₹13,466
  - 4. ₹13,464

Question ID : 7518978392  
Option 1 ID : 75189733568  
Option 2 ID : 75189733565  
Option 3 ID : 75189733567  
Option 4 ID : 75189733566  
Status : Answered  
Chosen Option : 4



Q.76 नीचे एक कथन और उसके दो संभावित निष्कर्ष I और II दिए गए हैं। जानकारी को ध्यानपूर्वक पढ़कर सही विकल्प चुनें।

कथन:

देश F में मंदी आने के बाद, कई छोटी कंपनियों ने उन सभी कर्मचारियों की छंटनी करने का फैसला किया है, जो छह महीने की परिवीक्षा अवधि पर थे। इसके फलस्वरूप, कंपनी M से 48% से कुछ अधिक कर्मचारी निकाल दिए गए।

दी गई जानकारी के आधार पर निम्नलिखित में से कौन सा निष्कर्ष निकाला जा सकता है?

I. कंपनी M में हाल ही में कर्मचारियों की संख्या लगभग दोगुनी हो गई।

II. मंदी के कारण की गई छंटनी (कर्मचारियों के) कार्य-पदर्शन पर आधारित नहीं है।

Ans  1.

दी गई जानकारी से केवल I निष्कर्ष निकाला जा सकता है।

2.

दी गई जानकारी से न तो I और न ही II निष्कर्ष निकाले जा सकते हैं।

3.

दी गई जानकारी से I और II दोनों निष्कर्ष निकाले जा सकते हैं।

4.

दी गई जानकारी से केवल II निष्कर्ष निकाला जा सकता है।

Question ID : 7518979086

Option 1 ID : 75189736341

Option 2 ID : 75189736344

Option 3 ID : 75189736343

Option 4 ID : 75189736342

Status : Answered

Chosen Option : 4

Q.77 Which of the following metals is obtained by electrolysis?

Na, Zn, Au, Ag, Mg, Al, Cu

Ans  1. Mg, Al, Cu

2. Au, Ag, Mg

3. Na, Zn, Au

4. Na, Mg, Al

Question ID : 7518973680

Option 1 ID : 75189714719

Option 2 ID : 75189714717

Option 3 ID : 75189714718

Option 4 ID : 75189714720

Status : Answered

Chosen Option : 4

**Q.78** When a number is divided by 15, the remainder is 9. What will be the remainder when the same number is divided by 5?

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

Question ID : 7518976030  
Option 1 ID : 75189724117  
Option 2 ID : 75189724118  
Option 3 ID : 75189724119  
Option 4 ID : 75189724120  
Status : Answered  
Chosen Option : 2

**Q.79** A train crosses a platform of length 200 metres in 40 seconds and a man in 20 seconds. The length of the train is:

- Ans**
- 1. 400 metres
  - 2. 500 metres
  - 3. 300 metres
  - 4. 200 metres

Question ID : 7518978699  
Option 1 ID : 75189734794  
Option 2 ID : 75189734793  
Option 3 ID : 75189734795  
Option 4 ID : 75189734796  
Status : Answered  
Chosen Option : 4

**Q.80** Reactions in which there is an exchange of ions between the reactants are called:

- Ans**
- 1. exchange reactions
  - 2. displacement reactions
  - 3. double displacement reactions
  - 4. precipitation reactions

Question ID : 7518973589  
Option 1 ID : 75189714356  
Option 2 ID : 75189714353  
Option 3 ID : 75189714354  
Option 4 ID : 75189714355  
Status : Answered  
Chosen Option : 3

**Q.81** An object, 2.0 cm in height, is placed at a distance of 6.0 cm in front of a concave mirror of focal length 8.0 cm, on its principal axis. Its image has a height of \_\_\_\_\_ and is \_\_\_\_\_.

- Ans**
- ✓ 1. more than 2.0 cm, erect
  - ✗ 2. less than 2.0 cm, inverted
  - ✗ 3. more than 2.0 cm, inverted
  - ✗ 4. less than 2.0 cm, erect

Question ID : 7518976586  
Option 1 ID : 75189726342  
Option 2 ID : 75189726343  
Option 3 ID : 75189726344  
Option 4 ID : 75189726341  
Status : Answered  
Chosen Option : 1

**Q.82** Consider the below statements and identify the correct answer.

Statement-I: Dobereiner made the first observations on platinum as a catalyst and discovered similar triads of elements which led to the development of the periodic table of elements.

Statement-II: JW Dobereiner was the professor of chemistry and pharmacy at the University of Jena.

- Ans**
- ✗ 1. Only statement II is true.
  - ✗ 2. Both the statements are false.
  - ✗ 3. Only statement I is true.
  - ✓ 4. Both the statements are true.

Question ID : 7518973703  
Option 1 ID : 75189714812  
Option 2 ID : 75189714810  
Option 3 ID : 75189714811  
Option 4 ID : 75189714809  
Status : Not Answered  
Chosen Option : --

**Q.83** Which of the following options is the closest approximate value which will come in place of question mark(?) in the following equation?

$$4.49 \div 1.49 - 3.33 \times 3 + 4.49 = ?$$

- Ans**
- ✓ 1. -2.5
  - ✗ 2. -4.5
  - ✗ 3. 4.5
  - ✗ 4. 2.5

Question ID : 7518978064  
Option 1 ID : 75189732255  
Option 2 ID : 75189732256  
Option 3 ID : 75189732253  
Option 4 ID : 75189732254  
Status : Answered  
Chosen Option : 1

Q.84 Find the surface area of a sphere whose diameter is equal to 14 cm.

- Ans
- 1.  $1048 \text{ cm}^2$
  - 2.  $616 \text{ cm}^2$
  - 3.  $1232 \text{ cm}^2$
  - 4.  $524 \text{ cm}^2$

Question ID : 7518978787  
Option 1 ID : 75189735148  
Option 2 ID : 75189735145  
Option 3 ID : 75189735147  
Option 4 ID : 75189735146  
Status : Answered  
Chosen Option : 2

Q.85 If L denotes  $\div$ , M denotes  $\times$ , P denotes  $+$  and Q denotes  $-$ , then which of the following statements is true out of the options given below?

- Ans
- 1.  $17 \text{ Q } 22 \text{ M } 18 \text{ P } 13 \text{ L } 7 = 473$
  - 2.  $12 \text{ Q } 13 \text{ L } 15 \text{ M } 19 \text{ P } 23 = 96$
  - 3.  $11 \text{ L } 34 \text{ M } 17 \text{ P } 8 \text{ Q } 3 = 42 / 4$
  - 4.  $13 \text{ M } 64 \text{ P } 24 \text{ L } 18 \text{ Q } 6 = 36$

Question ID : 7518979051  
Option 1 ID : 75189736202  
Option 2 ID : 75189736204  
Option 3 ID : 75189736203  
Option 4 ID : 75189736201  
Status : Answered  
Chosen Option : 3

Q.86 If  $4^x - 4^{x-1} = 24$ , then the value of  $\frac{2x-1}{2x+3}$  is:

- Ans
- 1.  $\frac{1}{5}$
  - 2.  $\frac{1}{2}$
  - 3.  $\frac{3}{7}$
  - 4.  $\frac{1}{3}$

Question ID : 7518978348  
Option 1 ID : 75189733391  
Option 2 ID : 75189733390  
Option 3 ID : 75189733392  
Option 4 ID : 75189733389  
Status : Answered  
Chosen Option : 2

**Q.87** Study the given table and answer the question that follows.

The table presents the total expenditure made by a company under different heads during the years 2016 to 2022.

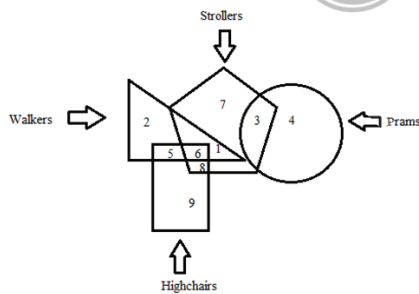
Year	Expenditure				
	Raw Material	Transport	Salary	Establishments	Tax
2022	789	123	122	987	97
2021	786	112	132	789	98
2020	798	109	189	678	112
2019	879	101	196	897	134
2018	987	98	199	876	141
2017	890	95	173	766	108
2016	908	78	166	567	111

The total expenditure of the company in 2020 was approximately what per cent of the total expenditure in 2022?

- Ans
- 1. 82%
  - 2. 93%
  - 3. 89%
  - 4. 95%

Question ID : 7518978099  
 Option 1 ID : 75189732393  
 Option 2 ID : 75189732394  
 Option 3 ID : 75189732395  
 Option 4 ID : 75189732396  
 Status : Answered  
 Chosen Option : 3

**Q.88** Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of things.



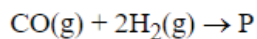
How many such walkers are there that are also highchairs but NEITHER prams NOR strollers?

- Ans
- 1. 5
  - 2. 8
  - 3. 9
  - 4. 6

Question ID : 7518977319  
 Option 1 ID : 75189729273  
 Option 2 ID : 75189729276  
 Option 3 ID : 75189729275  
 Option 4 ID : 75189729274  
 Status : Answered  
 Chosen Option : 1



Q.89 Consider the following chemical reaction.



Predict the product (P) of this reaction.

- Ans
- ✓ 1.  $\text{CH}_3\text{OH}$
  - ✗ 2.  $\text{CHO} + 2\text{H}_2$
  - ✗ 3.  $\text{COOH} + \text{H}_2$
  - ✗ 4.  $\text{CHO} + \text{H}_2$

Question ID : 7518973567  
Option 1 ID : 75189714268  
Option 2 ID : 75189714267  
Option 3 ID : 75189714266  
Option 4 ID : 75189714265  
Status : Answered  
Chosen Option : 1

Q.90 'e-RUPI' is a \_\_\_\_\_ based payments system to promote cashless transactions, launched by the National Payments Corporation of India (NPCI) in 2021.

- Ans
- ✓ 1. voucher
  - ✗ 2. credit card
  - ✗ 3. mobile wallet
  - ✗ 4. debit card

Question ID : 7518978551  
Option 1 ID : 75189734201  
Option 2 ID : 75189734202  
Option 3 ID : 75189734203  
Option 4 ID : 75189734204  
Status : Answered  
Chosen Option : 3

Q.91 Select the number from among the given options that can replace the question mark (?) in the following series.

1.6, 2.3, 3, 3.7, 4.4, 5.1, 5.8, 6.5, ?, 7.9, 8.6

- Ans
- ✗ 1. 7.1
  - ✗ 2. 7.4
  - ✗ 3. 7.3
  - ✓ 4. 7.2

Question ID : 7518978035  
Option 1 ID : 75189732139  
Option 2 ID : 75189732140  
Option 3 ID : 75189732138  
Option 4 ID : 75189732137  
Status : Answered  
Chosen Option : 4

**Q.92** If a  $4\ \Omega$  resistor is connected to a  $12\ \text{V}$  battery, then the power consumed is:

- Ans**
- 1. 9 Watt
  - 2. 1.25 Watt
  - 3. 36 Watt
  - 4. 3 Watt

Question ID : 7518978146  
Option 1 ID : 75189732582  
Option 2 ID : 75189732584  
Option 3 ID : 75189732583  
Option 4 ID : 75189732581  
Status : Answered  
Chosen Option : 3

**Q.93** Six children, F, G, H, I, J and K, were examined for intelligence and were given marks according to their performance in the test. Each child scored different marks. H scored more than J. H scored less than G and K. J scored less than I. F scored more than G. Who among the six children scored the least?

- Ans**
- 1. H
  - 2. I
  - 3. K
  - 4. J

Question ID : 7518974967  
Option 1 ID : 75189719866  
Option 2 ID : 75189719867  
Option 3 ID : 75189719865  
Option 4 ID : 75189719868  
Status : Answered  
Chosen Option : 4

**Q.94** Which of the following companies launched India's first hydrogen fuel cell-powered electric car in March 2022?

- Ans**
- 1. Toyota Kirloskar Motor Private Limited
  - 2. Hyundai Motor India Limited
  - 3. Tata Motors Limited
  - 4. Renault India Private Limited

Question ID : 7518978495  
Option 1 ID : 75189733980  
Option 2 ID : 75189733978  
Option 3 ID : 75189733977  
Option 4 ID : 75189733979  
Status : Not Answered  
Chosen Option : --

**Q.95** The cost of 3 pens and 2 pencils is ₹53 and the cost of 2 pens and 5 pencils ₹50. The cost of 5 pens and 3 pencils is:

- Ans
- ✗ 1. ₹72
  - ✗ 2. ₹81
  - ✗ 3. ₹95
  - ✓ 4. ₹87

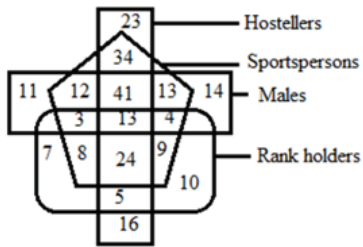
Question ID : 7518978432  
 Option 1 ID : 75189733725  
 Option 2 ID : 75189733726  
 Option 3 ID : 75189733728  
 Option 4 ID : 75189733727  
 Status : Answered  
 Chosen Option : 4

**Q.96** The shorter side of a rectangle is 10 cm less than the longer side. The numerical value of its area is equal to 6 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans
- ✓ 1. 30
  - ✗ 2. 35
  - ✗ 3. 20
  - ✗ 4. 25

Question ID : 7518978459  
 Option 1 ID : 75189733835  
 Option 2 ID : 75189733836  
 Option 3 ID : 75189733833  
 Option 4 ID : 75189733834  
 Status : Answered  
 Chosen Option : 1

**Q.97** Study the Venn diagram given below and answer the question that follows.



How many hosteller sportspersons are NOT males but rank holders?

- Ans
- ✗ 1. 34
  - ✗ 2. 13
  - ✓ 3. 24
  - ✗ 4. 5

Question ID : 7518977927  
 Option 1 ID : 75189731707  
 Option 2 ID : 75189731706  
 Option 3 ID : 75189731705  
 Option 4 ID : 75189731708  
 Status : Answered  
 Chosen Option : 3

Q.98 India is a member of the General Agreement on Tariffs and Trade (GATT) since \_\_\_\_\_.

- Ans
- 1. 1990
  - 2. 1985
  - 3. 1962
  - 4. 1948

Question ID : 7518974253  
Option 1 ID : 75189717012  
Option 2 ID : 75189717011  
Option 3 ID : 75189717010  
Option 4 ID : 75189717009  
Status : Not Answered  
Chosen Option : --

Q.99 What did Mendel discover about the factors that influence heredity?

- Ans
- 1. All offspring in one generation appear like only one of the parents.
  - 2. Traits are expressed due to production of hormones.
  - 3. Self-fertilisation shows paternal traits only.
  - 4. A pair of factors in sexually reproducing organisms defines their characteristics.

Question ID : 7518974439  
Option 1 ID : 75189717755  
Option 2 ID : 75189717754  
Option 3 ID : 75189717753  
Option 4 ID : 75189717756  
Status : Answered  
Chosen Option : 4

Q.100 The area around a magnet in which force is exerted by the magnet is called:

- Ans
- 1. magnetic lines
  - 2. magnetic field
  - 3. pole
  - 4. magnetic material

Question ID : 7518978147  
Option 1 ID : 75189732586  
Option 2 ID : 75189732587  
Option 3 ID : 75189732585  
Option 4 ID : 75189732588  
Status : Answered  
Chosen Option : 2