



RRB GROUP - D **SHIFT - 3 (19-09-2022)**

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Test Date	19/09/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

**\* Note**

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

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : Level 1

**Q.1** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?

$$160 \times 8 + 12 - 6 \div 180 \times 6 - 4 = ?$$

- Ans
- 1. 202
  - 2. 172
  - 3. 192
  - 4. 182



Question ID : 75189711645  
Option 1 ID : 75189746580  
Option 2 ID : 75189746577  
Option 3 ID : 75189746579  
Option 4 ID : 75189746578  
Status : Answered  
Chosen Option : 3

**Q.2** Five students are sitting in a straight row facing the north. A and B are sitting at the extreme left and the extreme right end of the row, respectively. D is an immediate neighbour of B. C is an immediate neighbour of D and second to the right of A. E is an immediate neighbour of A. Who among the following is sitting in the third position from the extreme right end?

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

Question ID : 75189710975  
Option 1 ID : 75189743900  
Option 2 ID : 75189743897  
Option 3 ID : 75189743898  
Option 4 ID : 75189743899  
Status : Answered  
Chosen Option : 3

Q.3 The length of each edge of a cube is increased by 50%. The percentage increase in the surface area is:

- Ans
- 1. 25 %
  - 2. 125%
  - 3. 225%
  - 4. 150%

Question ID : 75189711731  
Option 1 ID : 75189746921  
Option 2 ID : 75189746922  
Option 3 ID : 75189746924  
Option 4 ID : 75189746923  
Status : Answered  
Chosen Option : 2

Q.4 In which state is the 'Solung' festival celebrated?

- Ans
- 1. Madhya Pradesh
  - 2. Uttar Pradesh
  - 3. Himachal Pradesh
  - 4. Arunachal Pradesh

Question ID : 75189710538  
Option 1 ID : 75189742151  
Option 2 ID : 75189742150  
Option 3 ID : 75189742152  
Option 4 ID : 75189742149  
Status : Answered  
Chosen Option : 4

Q.5 If  $x \neq y, z > 0$ , and  $(x + z)^2 : (y + z)^2 :: x : y$ , then find  $a$ , where  $a > 0$ , such that  $x : a :: a : y$ .

- Ans
- 1.  $-z$
  - 2.  $z$
  - 3.  $x - y$
  - 4.  $x^2 y^2$

Question ID : 75189711739  
Option 1 ID : 75189746955  
Option 2 ID : 75189746956  
Option 3 ID : 75189746954  
Option 4 ID : 75189746953  
Status : Not Answered  
Chosen Option : --

**Q.6** If '+' means '-', '-' means '×', '×' means '÷', '÷' means '+', what will come in place of the question mark (?) in the following equation?

$$38 \div 10 \times 5 - 7 + 10 \times 2 = ?$$

- Ans**
- 1. 48
  - 2. 50
  - 3. 47
  - 4. 45

Question ID : 75189711640  
Option 1 ID : 75189746559  
Option 2 ID : 75189746560  
Option 3 ID : 75189746557  
Option 4 ID : 75189746558  
Status : Answered  
Chosen Option : 3

**Q.7** The position of how many letters will remain unchanged if each of the letters in the word GERMANY is arranged in alphabetical order?

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

Question ID : 75189711022  
Option 1 ID : 75189744086  
Option 2 ID : 75189744085  
Option 3 ID : 75189744088  
Option 4 ID : 75189744087  
Status : Answered  
Chosen Option : 3

**Q.8** Identify the states from following which are related to Pre-Monsoon shower 'Nor westers'

- Ans**
- 1. Kerala and Karnataka
  - 2. West Bengal and Assam
  - 3. Gujarat and Maharashtra
  - 4. Rajasthan and Punjab

Question ID : 75189710475  
Option 1 ID : 75189741897  
Option 2 ID : 75189741898  
Option 3 ID : 75189741900  
Option 4 ID : 75189741899  
Status : Answered  
Chosen Option : 2

**Q.9** 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.

ON : NPMO  
IN : HJMO

- Ans**
- 1. AT : CDUV
  - 2. TO : SUNP
  - 3. DO : ACMN
  - 4. GO : ARED

Question ID : 75189711598  
Option 1 ID : 75189746391  
Option 2 ID : 75189746390  
Option 3 ID : 75189746392  
Option 4 ID : 75189746389  
Status : Answered  
Chosen Option : 2

**Q.10** The number  $0.3\overline{35}$  can be represented in the form of  $\frac{P}{Q}$  (where P and Q are natural numbers) as:

- Ans**
- 1.  $\frac{332}{895}$
  - 2.  $\frac{332}{995}$
  - 3.  $\frac{332}{980}$
  - 4.  $\frac{332}{990}$

Question ID : 75189711718  
Option 1 ID : 75189746870  
Option 2 ID : 75189746869  
Option 3 ID : 75189746872  
Option 4 ID : 75189746871  
Status : Answered  
Chosen Option : 4

**Q.11** What is the unit of magnification?

- Ans**
- 1. Diopetre
  - 2. Newton
  - 3. cm
  - 4. It has no unit

Question ID : 7518979496  
Option 1 ID : 75189737981  
Option 2 ID : 75189737983  
Option 3 ID : 75189737982  
Option 4 ID : 75189737984  
Status : Answered  
Chosen Option : 4

**Q.12** Three statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

All jugs are cans.

All cans are engines.

Some jugs are stoves.

**Conclusions:**

I. Some engines are stoves.

II. Some cans are jugs.

- Ans**
- 1. Only conclusion I follows.
  - 2. Only conclusion II follows.
  - 3. Both conclusions I and II follow.
  - 4. Neither conclusion I nor II follows.

Question ID : 75189711466  
Option 1 ID : 75189745861  
Option 2 ID : 75189745862  
Option 3 ID : 75189745864  
Option 4 ID : 75189745863  
Status : Answered  
Chosen Option : 3

**Q.13** Precipitation reactions occur when cation of one reactant and anion of second reactant, found in an aqueous solution, combine to form \_\_\_\_\_.

- Ans**
- 1. an insoluble acid
  - 2. an insoluble ionic solid
  - 3. a soluble acid
  - 4. a soluble ionic solid

Question ID : 75189711878  
Option 1 ID : 75189747511  
Option 2 ID : 75189747512  
Option 3 ID : 75189747509  
Option 4 ID : 75189747510  
Status : Answered  
Chosen Option : 2

**Q.14** Which of the following functions does NOT fall under the jurisdiction of local bodies?

- Ans**
- 1. Public Health
  - 2. Law and Order
  - 3. Sanitation
  - 4. Registration of Births and Deaths

Question ID : 75189712172  
Option 1 ID : 75189748685  
Option 2 ID : 75189748688  
Option 3 ID : 75189748686  
Option 4 ID : 75189748687  
Status : Answered  
Chosen Option : 2

**Q.15** When an object is placed at a point 21 cm in front of a convex mirror, the image is formed at 7 cm behind the mirror. Now, someone moves the object to a distance of 14 cm in front of the mirror. The distance of the image from the mirror (in cm) now is:

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

Question ID : 75189712175  
 Option 1 ID : 75189748700  
 Option 2 ID : 75189748699  
 Option 3 ID : 75189748697  
 Option 4 ID : 75189748698  
 Status : **Not Attempted and Marked For Review**  
 Chosen Option : --

**Q.16** In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

Number/ Symbol	6	8	4	+	5	#	%	2	\$	1	^	7	9	*	@
Code	S	U	T	W	N	P	V	D	A	Z	J	M	O	M	Y

**Conditions:**

- (i) If the first and last elements are numbers, then the last element will be replaced by the symbol @.
- (ii) If the first element is a symbol, then the first element will be coded as ©.
- (iii) If both the first and second elements are numbers, then the third element will be coded as \*.

What will be the code for the following?  
 6 % \$ 8 5

- Ans**
- 1. ©UAV@
  - 2. SUAV©
  - 3. SVAU@
  - 4. SVAU©

Question ID : 75189711568  
 Option 1 ID : 75189746271  
 Option 2 ID : 75189746272  
 Option 3 ID : 75189746270  
 Option 4 ID : 75189746269  
 Status : **Answered**  
 Chosen Option : 3

**Q.17** Which of the numbers below is exactly divisible by 33?

- Ans**
- 1. 25080
  - 2. 19679
  - 3. 73205
  - 4. 27441

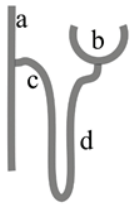
Question ID : 75189711949  
 Option 1 ID : 75189747796  
 Option 2 ID : 75189747793  
 Option 3 ID : 75189747795  
 Option 4 ID : 75189747794  
 Status : **Answered**  
 Chosen Option : 4

**Q.18** Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP) kendras added nutraceuticals to their product basket in March 2022. Which of the following is NOT included under nutraceuticals?

- Ans**
- 1. Protein powder
  - 2. Vitamin supplements
  - 3. Dry fruits
  - 4. Immunity bars

Question ID : 7518979362  
Option 1 ID : 75189737445  
Option 2 ID : 75189737447  
Option 3 ID : 75189737448  
Option 4 ID : 75189737446  
Status : Not Answered  
Chosen Option : --

**Q.19** The following figure shows a human nephron. Which part is the collecting duct?



- Ans**
- 1. Region a
  - 2. Region c
  - 3. Region b
  - 4. Region d

Question ID : 75189710106  
Option 1 ID : 75189740421  
Option 2 ID : 75189740423  
Option 3 ID : 75189740422  
Option 4 ID : 75189740424  
Status : Answered  
Chosen Option : 1



**Q.20** 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:

All creepers are vegetables.

All vegetables are fruits.

Some fruits are flowers.

Conclusions:

I. Some creepers are flowers.

II. Some fruits are creepers.

III. All vegetables are flowers.

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

Question ID : 75189711680  
Option 1 ID : 75189746719  
Option 2 ID : 75189746720  
Option 3 ID : 75189746718  
Option 4 ID : 75189746717  
Status : Answered  
Chosen Option : 2

**Q.21** The measures of three angles of a quadrilateral are given as  $110^\circ$ ,  $55^\circ$  and  $125^\circ$ . The measure of its fourth angle is \_\_\_\_\_.

- Ans
- 1.  $60^\circ$
  - 2.  $90^\circ$
  - 3.  $70^\circ$
  - 4.  $110^\circ$

Question ID : 75189711993  
Option 1 ID : 75189747970  
Option 2 ID : 75189747971  
Option 3 ID : 75189747972  
Option 4 ID : 75189747969  
Status : Answered  
Chosen Option : 3

**Q.22** Which of the following develops into a seedling under appropriate conditions?

- Ans
- 1. Endosperm
  - 2. Cotyledons
  - 3. Embryo
  - 4. Seed coat

Question ID : 75189710253  
Option 1 ID : 75189741010  
Option 2 ID : 75189741009  
Option 3 ID : 75189741012  
Option 4 ID : 75189741011  
Status : Answered  
Chosen Option : 2

**Q.23** Whom did PV Sindhu beat to win the women's singles title at the Swiss Open Super 300 Badminton Tournament in Basel on 27 March 2022?

- Ans**
- 1. Chen Yu Fei
  - 2. Michelli Li
  - 3. Busanan Ongbamrungphan
  - 4. Kristy Gilmour

Question ID : 7518979348  
Option 1 ID : 75189737389  
Option 2 ID : 75189737392  
Option 3 ID : 75189737390  
Option 4 ID : 75189737391  
Status : Answered  
Chosen Option : 1

**Q.24** Which of the following gases are evolved at the anode and the cathode, respectively, during electrolytic decomposition of aqueous sodium chloride?

- Ans**
- 1. H<sub>2</sub> gas at the anode and O<sub>2</sub> gas at the cathode.
  - 2. O<sub>2</sub> gas at the anode and H<sub>2</sub> gas at the cathode.
  - 3. Cl<sub>2</sub> gas at the anode and H<sub>2</sub> gas at the cathode.
  - 4. H<sub>2</sub> gas at the anode and Cl<sub>2</sub> gas at the cathode.

Question ID : 75189711900  
Option 1 ID : 75189747599  
Option 2 ID : 75189747600  
Option 3 ID : 75189747598  
Option 4 ID : 75189747597  
Status : Answered  
Chosen Option : 3

**Q.25** Raju's age after 30 years will be 2 times his age 4 years ago. The present age of Raju is:

- Ans**
- 1. 38 years
  - 2. 40 years
  - 3. 36 years
  - 4. 42 years

Question ID : 75189711207  
Option 1 ID : 75189744827  
Option 2 ID : 75189744826  
Option 3 ID : 75189744828  
Option 4 ID : 75189744825  
Status : Answered  
Chosen Option : 1

**Q.26** If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 5613742678, what will be the sum of the digits which are third from the left and second from the right, in the number thus formed?

- Ans**
- 1. 10
  - 2. 11
  - 3. 9
  - 4. 8

Question ID : 75189711633  
Option 1 ID : 75189746531  
Option 2 ID : 75189746532  
Option 3 ID : 75189746530  
Option 4 ID : 75189746529  
Status : Answered  
Chosen Option : 2

**Q.27** What happens when aqueous silver nitrate is added to sodium chloride solution?

- Ans**
- 1. Brown precipitate of silver chloride is produced.
  - 2. Yellow precipitate of silver chloride is produced.
  - 3. No precipitate of silver chloride is produced.
  - 4. White precipitate of silver chloride is produced.

Question ID : 75189711879  
Option 1 ID : 75189747513  
Option 2 ID : 75189747514  
Option 3 ID : 75189747516  
Option 4 ID : 75189747515  
Status : Answered  
Chosen Option : 4

**Q.28** A needle of height 4 cm is placed at a distance of 45 cm in front of a concave lens of focal length 30 cm. The height of the image of the needle will be:

- Ans**
- 1. 2.2 cm
  - 2. 1.6 cm
  - 3. 1.9 cm
  - 4. 2.5 cm

Question ID : 75189711288  
Option 1 ID : 75189745151  
Option 2 ID : 75189745149  
Option 3 ID : 75189745150  
Option 4 ID : 75189745152  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.29** In March 2022, the Reserve Bank of India (RBI) increased the eligibility criteria for microfinance loans to a household having an annual income of up to \_\_\_\_\_.

- Ans**
- 1. ₹4 lakhs
  - 2. ₹3 lakhs
  - 3. ₹3.5 lakhs
  - 4. ₹3.25 lakhs

Question ID : 7518978546

Option 1 ID : 75189734183

Option 2 ID : 75189734181

Option 3 ID : 75189734184

Option 4 ID : 75189734182

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

Chosen Option : --

**Q.30** What is the age limit for a judge of the Supreme Court of India?

- Ans**
- 1. 65 years
  - 2. 60 years
  - 3. 70 years
  - 4. 62 years

Question ID : 75189712168

Option 1 ID : 75189748670

Option 2 ID : 75189748671

Option 3 ID : 75189748669

Option 4 ID : 75189748672

Status : **Answered**

Chosen Option : 1

**Q.31** Which social reformer founded the Satyashodhak Samaj?

- Ans**
- 1. Dayananad Saraswati
  - 2. Narayan Guru
  - 3. Jyotirao Phule
  - 4. Keshab Chandra Sen

Question ID : 75189712124

Option 1 ID : 75189748494

Option 2 ID : 75189748493

Option 3 ID : 75189748496

Option 4 ID : 75189748495

Status : **Answered**

Chosen Option : 3

Q.32 The product of the HCF and the LCM of 4, 20, 28 is:

- Ans
- 1. 140
  - 2. 564
  - 3. 136
  - 4. 560

Question ID : 75189711725  
Option 1 ID : 75189746898  
Option 2 ID : 75189746899  
Option 3 ID : 75189746900  
Option 4 ID : 75189746897  
Status : Answered  
Chosen Option : 4

Q.33 The volume (in  $\text{cm}^3$ ) of a right circular cone, whose slant height is 28 cm and radius of base is 21 cm, is \_\_\_\_\_. (Take  $\pi = \frac{22}{7}$ )

- Ans
- 1. 38808
  - 2.  $3234\sqrt{7}$
  - 3. 30808
  - 4.  $1617\sqrt{7}$

Question ID : 75189711984  
Option 1 ID : 75189747933  
Option 2 ID : 75189747934  
Option 3 ID : 75189747936  
Option 4 ID : 75189747935  
Status : Answered  
Chosen Option : 2

Q.34 Which sportsperson among the following was honoured with the Padma Bhushan in 2022?

- Ans
- 1. Avani Lekhara
  - 2. Devendra Jhajharia
  - 3. Sumit Antil
  - 4. Pramod Bhagat

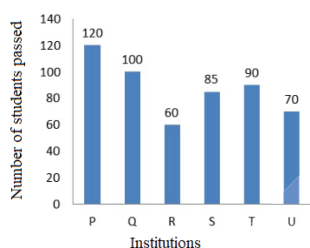
Question ID : 7518974124  
Option 1 ID : 75189716493  
Option 2 ID : 75189716496  
Option 3 ID : 75189716494  
Option 4 ID : 75189716495  
Status : Answered  
Chosen Option : 2

**Q.35**  $6\text{CO}_2(\text{aq}) + 12\text{H}_2\text{O}(\text{l}) \xrightarrow{\quad?} \text{C}_6\text{H}_{12}\text{O}_6(\text{aq}) + 6\text{O}_2(\text{aq}) + 6\text{H}_2\text{O}(\text{l})$  Select correct reaction conditions for given reaction.

- Ans**
- 1. Sunlight and chlorophyll
  - 2. Inert atmosphere
  - 3. High pressure
  - 4. High temperature

Question ID : 7518979612  
Option 1 ID : 75189738445  
Option 2 ID : 75189738448  
Option 3 ID : 75189738446  
Option 4 ID : 75189738447  
Status : Answered  
Chosen Option : 1

**Q.36** Study the graph and answer the question that follows.  
The following bar graph shows the number of students passed in class XII board exam from six different institutions.



Students passed from institutions U, T, P and Q together is how much more than that of institutes S and R together?

- Ans**
- 1. 225
  - 2. 234
  - 3. 235
  - 4. 265

Question ID : 75189711654  
Option 1 ID : 75189746616  
Option 2 ID : 75189746613  
Option 3 ID : 75189746614  
Option 4 ID : 75189746615  
Status : Answered  
Chosen Option : 3

**Q.37** Each vowel in the word FLOWER 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. If each letter, thus formed, is arranged in alphabetical order, which letter will be second from the right?

- Ans**
- 1. Q
  - 2. K
  - 3. P
  - 4. E

Question ID : 75189711692  
Option 1 ID : 75189746767  
Option 2 ID : 75189746765  
Option 3 ID : 75189746766  
Option 4 ID : 75189746768  
Status : Answered  
Chosen Option : 1

Q.38 Saturated carbon compounds are normally:

- Ans
- 1. having a double bond between carbon atoms
  - 2. having electrostatic force of attraction
  - 3. less reactive than unsaturated compounds
  - 4. less stable than unsaturated compounds

Question ID : 7518979595  
Option 1 ID : 75189738380  
Option 2 ID : 75189738379  
Option 3 ID : 75189738378  
Option 4 ID : 75189738377  
Status : Not Answered  
Chosen Option : --

Q.39 If coil A of resistance  $15\ \Omega$  and coil B of resistance  $5\ \Omega$  are subjected to time varying magnetic field, then the current induced in these coils are:

- Ans
- 1. in the ratio 1 : 2
  - 2. in the ratio 1 : 1
  - 3. same
  - 4. different

Question ID : 75189711180  
Option 1 ID : 75189744719  
Option 2 ID : 75189744720  
Option 3 ID : 75189744717  
Option 4 ID : 75189744718  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.40 Name the process through which gaseous exchange takes place across the cell membrane.

- Ans
- 1. Diffusion
  - 2. Osmosis
  - 3. Endocytosis
  - 4. Absorption

Question ID : 7518977788  
Option 1 ID : 75189731149  
Option 2 ID : 75189731150  
Option 3 ID : 75189731151  
Option 4 ID : 75189731152  
Status : Answered  
Chosen Option : 1

**Q.41** In the Modern Periodic Table, atomic size increases down the group because:

- Ans**
- 1. nuclear charge increases
  - 2. tendency to lose electrons decreases
  - 3. number of shells increases
  - 4. valency increases

Question ID : 7518979692  
Option 1 ID : 75189738768  
Option 2 ID : 75189738767  
Option 3 ID : 75189738765  
Option 4 ID : 75189738766  
Status : Answered  
Chosen Option : 3

**Q.42** How many such pairs of letters are there in the word REPUBLICAN (in both forward and backward directions) which have as many letters between them in the word as there are in the English alphabetical order?

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

Question ID : 7518977962  
Option 1 ID : 75189731847  
Option 2 ID : 75189731845  
Option 3 ID : 75189731846  
Option 4 ID : 75189731848  
Status : Answered  
Chosen Option : 2

**Q.43** A statement is given followed by two conclusions numbered I and II. You have to assume everything in the statement to be true and decide which of the conclusions logically follow(s) beyond a reasonable doubt from the information given in the statement.

Statement:

It is reported that heavy and erratic rainfall has destroyed many agricultural crops and farmers are in debt.

Conclusions:

- I. Farmers need not repay the debt.
- II. Prices of groceries and other essential food items such as lentils and grains will surge.

- Ans**
- 1. Both conclusions I and II follow
  - 2. Neither conclusion I nor II follows
  - 3. Only conclusion I follows
  - 4. Only conclusion II follows

Question ID : 75189711704  
Option 1 ID : 75189746816  
Option 2 ID : 75189746815  
Option 3 ID : 75189746813  
Option 4 ID : 75189746814  
Status : Answered  
Chosen Option : 4



**Q.44** If one angle of a quadrilateral measures  $120^\circ$  and its remaining three angles are equal in measure to one another, then the measure of each of these three remaining angles is equal to \_\_\_\_\_.

- Ans**
- 1.  $90^\circ$
  - 2.  $80^\circ$
  - 3.  $110^\circ$
  - 4.  $60^\circ$

Question ID : 75189711994  
Option 1 ID : 75189747976  
Option 2 ID : 75189747974  
Option 3 ID : 75189747973  
Option 4 ID : 75189747975  
Status : Answered  
Chosen Option : 2

**Q.45** The term 'triads' was used by:

- Ans**
- 1. Johann Wolfgang Döbereiner
  - 2. Henry Moseley
  - 3. Mendeleev
  - 4. John Newlands

Question ID : 7518979672  
Option 1 ID : 75189738686  
Option 2 ID : 75189738688  
Option 3 ID : 75189738685  
Option 4 ID : 75189738687  
Status : Answered  
Chosen Option : 1

**Q.46** Seven friends, Chandan, Aman, Falak, Manoj, Mahima, Bony and Fatima, are standing in a line facing east but not necessarily in the same order. Chandan is to the immediate right of Fatima. Fatima is fourth to the right of Falak. Manoj is an immediate neighbour of both Aman and Bony. Falak, who is third to the left of Aman, is standing at one of the extreme end.

What is the correct position of Mahima?

- Ans**
- 1. To the immediate left of Chandan
  - 2. To the immediate left of Bony
  - 3. Immediate neighbour of Bony and Fatima
  - 4. Fourth to the right of Manoj

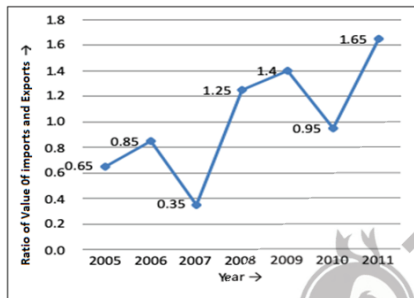
Question ID : 75189711434  
Option 1 ID : 75189745733  
Option 2 ID : 75189745734  
Option 3 ID : 75189745735  
Option 4 ID : 75189745736  
Status : Answered  
Chosen Option : 4

**Q.47** A shopkeeper allows 18% discount on the marked price of an article and still makes a profit of 23%. If he gains ₹1,840 on the sale of the article, then what is the marked price of the article?

- Ans
- 1. ₹15,000
  - 2. ₹12,000
  - 3. ₹9,840
  - 4. ₹10,000

Question ID : 75189712040  
Option 1 ID : 75189748159  
Option 2 ID : 75189748157  
Option 3 ID : 75189748160  
Option 4 ID : 75189748158  
Status : Answered  
Chosen Option : 2

**Q.48** The following graph shows the ratio of the imports and exports of an industry during the period from 2005 to 2011. Study the graph and answer the question that follows.



If the imports of the company in 2009 were 420 crore, then how much were the exports?

- Ans
- 1. 400 crore
  - 2. 350 crore
  - 3. 250 crore
  - 4. 300 crore

Question ID : 75189711649  
Option 1 ID : 75189746596  
Option 2 ID : 75189746595  
Option 3 ID : 75189746593  
Option 4 ID : 75189746594  
Status : Answered  
Chosen Option : 4

**Q.49** In this question, a group of numbers/symbols is coded using letters as per the table given below and the conditions which follow. The correct combination of codes following the conditions is your answer.

<b>Number/</b>	2	@	9	5	\$	&	3	%	#	7	+	4	8	6
<b>Symbols</b>														
<b>Code</b>	T	F	A	J	L	E	W	Q	D	P	R	B	U	S

Conditions:

(i) If the first element is a symbol and the last is a number, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last is an even number, the first and the last elements are to be coded as ©

(iii) If both the second and the third elements are perfect squares, the third element is to be coded as the code for the second element.

Question: + # 7 & 6

- Ans**
- ✓ 1. SDPER
  - ✗ 2. DEPSR
  - ✗ 3. RDPRS
  - ✗ 4. PERDS

Question ID : 7518979854  
 Option 1 ID : 75189739413  
 Option 2 ID : 75189739416  
 Option 3 ID : 75189739414  
 Option 4 ID : 75189739415  
 Status : Answered  
 Chosen Option : 1

**Q.50** \_\_\_\_\_ is the leading manganese ore producing State of India and accounted for 33% of the total production in 2018-19.

- Ans**
- ✗ 1. Maharashtra
  - ✗ 2. Karnataka
  - ✗ 3. Odisha
  - ✓ 4. Madhya Pradesh

Question ID : 75189712154  
 Option 1 ID : 75189748614  
 Option 2 ID : 75189748615  
 Option 3 ID : 75189748613  
 Option 4 ID : 75189748616  
 Status : Answered  
 Chosen Option : 3

Q.51 If  $\cot A + \cos A = m$  and  $\cot A - \cos A = n$ , then:

- Ans
- 1.  $(m^2 - n^2)^2 = 4mn$
  - 2.  $(m^2 - n^2)^2 = 16mn$
  - 3.  $m^2 - n^2 = 16mn$
  - 4.  $m^2 + n^2 = 4mn$

Question ID : 75189711834

Option 1 ID : 75189747334

Option 2 ID : 75189747335

Option 3 ID : 75189747333

Option 4 ID : 75189747336

Status : Not Attempted and  
Marked For Review

Chosen Option : --

Q.52 Ajay is driving in the east direction and covers a distance of 2.5 km and then takes a turn in the left direction and travels a distance of 3 km. Further, he turns to the right and travels a distance of 4.5 km. Lastly, he turns to his right and travels a distance of 3 km. How far is he from the starting point? (All turns are 90 degree turns only)

- Ans
- 1. 6 km
  - 2. 5 km
  - 3. 7 km
  - 4. 8 km

Question ID : 75189711590

Option 1 ID : 75189746358

Option 2 ID : 75189746357

Option 3 ID : 75189746359

Option 4 ID : 75189746360

Status : Answered

Chosen Option : 4

Q.53 Which of the following numbers will replace the question mark (?) in the given series?

100, 90, 81, 73, 66, 60, 55, ?

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

Question ID : 75189711602

Option 1 ID : 75189746407

Option 2 ID : 75189746408

Option 3 ID : 75189746406

Option 4 ID : 75189746405

Status : Answered

Chosen Option : 3

**Q.54** Suppose in a circuit, several electric lamps are required to be used on a 220 V electric supply line, and they are rated as 20 W. If the maximum allowable current is 10 A, then the number of lamps that can be connected in parallel with each other across the two wires of the 220 V line is:

- Ans**
- ✓ 1. 110
  - ✗ 2. 220
  - ✗ 3. 55
  - ✗ 4. 165

Question ID : 75189711337

Option 1 ID : 75189745346

Option 2 ID : 75189745348

Option 3 ID : 75189745345

Option 4 ID : 75189745347

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

Chosen Option : --

**Q.55** A hollow cylinder of height  $h$  has inner and outer radii of base given as  $r$  and  $R$ , respectively. The ratio of the curved surface area to the total surface area of this cylinder is:

- Ans**
- ✗ 1.  $h : (R - r - h)$
  - ✗ 2.  $(R + r - h) : h$
  - ✓ 3.  $h : (h + R - r)$
  - ✗ 4.  $(R - r - h) : r$

Question ID : 75189711813

Option 1 ID : 75189747252

Option 2 ID : 75189747250

Option 3 ID : 75189747249

Option 4 ID : 75189747251

Status : **Answered**

Chosen Option : 3

**Q.56** Select the option that is related to the seventh number in the same way as the second number is related to the first number, the fourth number is related to the third number and the sixth number is related to the fifth number.

6 : 36 :: 13 : 169 :: 17 : 289 :: 23 : ?

- Ans**
- ✗ 1. 578
  - ✗ 2. 533
  - ✓ 3. 529
  - ✗ 4. 521

Question ID : 75189711074

Option 1 ID : 75189744293

Option 2 ID : 75189744294

Option 3 ID : 75189744296

Option 4 ID : 75189744295

Status : **Answered**

Chosen Option : 3

**Q.57** Consider two circuits, A and B, each of which has six resistors and each Circuit of resistance  $R_A$  and  $R_B$  respectively. In each circuit, the resistors are in such a way that the net resistance of each circuit is the minimum. Now a 20 V battery with negligible internal resistance is connected across each circuit separately, and the current drawn by circuit A and circuit B are 6 A and 8 A, respectively. Then  $R_A$  and  $R_B$  will be:

- Ans**
- ✓ 1.  $R_A = 20 \Omega$  and  $R_B = 15 \Omega$
  - ✗ 2.  $R_A = 30 \Omega$  and  $R_B = 15 \Omega$
  - ✗ 3.  $R_A = 15 \Omega$  and  $R_B = 20 \Omega$
  - ✗ 4.  $R_A = 15 \Omega$  and  $R_B = 30 \Omega$

Question ID : 75189711338

Option 1 ID : 75189745350

Option 2 ID : 75189745351

Option 3 ID : 75189745349

Option 4 ID : 75189745352

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.58** If  $m = -9$  and  $n = 13$ , find the value of  $25m^2 + 40mn + 16n^2$ .

- Ans**
- ✓ 1. 49
  - ✗ 2. 64
  - ✗ 3. 81
  - ✗ 4. 100

Question ID : 75189711400

Option 1 ID : 75189745597

Option 2 ID : 75189745598

Option 3 ID : 75189745599

Option 4 ID : 75189745600

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.59** The most essential difference between a DC and an AC generator is \_\_\_\_\_.

- Ans**
- ✗ 1. Higher voltages are generated by DC generator only
  - ✗ 2. Higher Voltages are generated by AC generator Only
  - ✓ 3. DC generator has permanent magnet and AC has an electromagnet
  - ✗ 4. DC generator uses a commutator and AC generator uses Slip rings

Question ID : 75189712232

Option 1 ID : 75189748925

Option 2 ID : 75189748926

Option 3 ID : 75189748928

Option 4 ID : 75189748927

Status : Answered

Chosen Option : 4

**Q.60** A train travels at a speed of 30 km/h for 6 hours and at 45 km/h for 4 hours. What is the average speed of the train during these 10 hours?

- Ans**
- 1. 40 km/h
  - 2. 35 km/h
  - 3. 36 km/h
  - 4.  $37\frac{1}{2}$  km/h

Question ID : 75189711764  
Option 1 ID : 75189747055  
Option 2 ID : 75189747053  
Option 3 ID : 75189747054  
Option 4 ID : 75189747056  
Status : Answered  
Chosen Option : 3

**Q.61** Three statements are given, followed by four conclusions numbered I, II, III and IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

**Statements:**

Some pouches are combs.

All combs are reds.

All reds are sticks.

**Conclusions:**

I. All pouches are sticks.

II. All combs are sticks.

III. Some reds are combs.

IV. Some sticks are pouches.

- Ans**
- 1. All the conclusions follow.
  - 2. Only conclusions I, III and IV follow.
  - 3. Only conclusions I, II and III follow.
  - 4. Only conclusions II, III and IV follow.

Question ID : 75189711467  
Option 1 ID : 75189745868  
Option 2 ID : 75189745867  
Option 3 ID : 75189745865  
Option 4 ID : 75189745866  
Status : Answered  
Chosen Option : 2

**Q.62** The HIV-AIDS virus CANNOT be transmitted by:

- Ans**
- 1. sexual contact
  - 2. breast feeding
  - 3. shaking hand
  - 4. blood transfusion

Question ID : 75189710228  
Option 1 ID : 75189740911  
Option 2 ID : 75189740912  
Option 3 ID : 75189740909  
Option 4 ID : 75189740910  
Status : Answered  
Chosen Option : 3

**Q.63** In a class of 100 students, 24 students score more marks than Sharmistha whereas 18 students score lesser marks than Amit. How many students score lesser marks than Sharmistha but more marks than Amit?

- Ans
- 1. 54
  - 2. 57
  - 3. 56
  - 4. 55

Question ID : 75189710745

Option 1 ID : 75189742977

Option 2 ID : 75189742980

Option 3 ID : 75189742979

Option 4 ID : 75189742978

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

Chosen Option : --

**Q.64** The expression  $(3.7)^3 - 3 \times (3.7)^2 \times (0.7) + 3(3.7) \times (0.7)^2 - (0.7)^3$  is equal to:

- Ans
- 1. 27
  - 2. 10
  - 3. 30
  - 4. 35

Question ID : 75189711717

Option 1 ID : 75189746868

Option 2 ID : 75189746866

Option 3 ID : 75189746865

Option 4 ID : 75189746867

Status : **Answered**

Chosen Option : 1

**Q.65** Which of the following is produced when baking powder is heated?

- Ans
- 1. Carbon dioxide and sodium carbonate is produced.
  - 2. Carbon monoxide and sodium carbonate is produced.
  - 3. Carbon dioxide and sodium salt of tartaric acid is produced.
  - 4. Carbon monoxide and sodium salt of tartaric acid is produced.

Question ID : 75189711905

Option 1 ID : 75189747618

Option 2 ID : 75189747620

Option 3 ID : 75189747619

Option 4 ID : 75189747617

Status : **Answered**

Chosen Option : 3



**Q.66** Mohan drives 6 km towards the south and takes a turn to the right at  $90^\circ$ . After driving a distance of 3 km, he turns to the right and drives further 3 km. Now, in which direction is he from the starting place? (All turns are 90 degree turns only)

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

Question ID : 75189711577  
Option 1 ID : 75189746305  
Option 2 ID : 75189746307  
Option 3 ID : 75189746308  
Option 4 ID : 75189746306  
Status : Answered  
Chosen Option : 3

**Q.67** In which North Eastern City will you find The Christ Church which is regarded as the oldest Church of North East India?

- Ans**
- 1. Guwahati
  - 2. Aizawl
  - 3. Itanagar
  - 4. Kohima

Question ID : 75189712142  
Option 1 ID : 75189748566  
Option 2 ID : 75189748565  
Option 3 ID : 75189748568  
Option 4 ID : 75189748567  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.68** Refer to the following letter, symbol series and answer the question.

(Left) D # Y \* C S O A T U @ I & E % N F P % & L # Z (Right)

How many such symbols are there which are immediately preceded and immediately followed by a vowel?

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

Question ID : 75189711546  
Option 1 ID : 75189746184  
Option 2 ID : 75189746182  
Option 3 ID : 75189746183  
Option 4 ID : 75189746181  
Status : Answered  
Chosen Option : 3

**Q.69** In a queue, Manish is 18<sup>th</sup> from the front end and Aman is 12<sup>th</sup> from the rear end, and there are 8 people between them. How many people are there in the queue if Aman is standing somewhere behind Manish in the queue?

- Ans**
- ✓ 1. 38
  - ✗ 2. 37
  - ✗ 3. 39
  - ✗ 4. 40

Question ID : 75189711438  
Option 1 ID : 75189745750  
Option 2 ID : 75189745749  
Option 3 ID : 75189745751  
Option 4 ID : 75189745752  
Status : Answered  
Chosen Option : 1

**Q.70** Two trains start at the same time from A and B and proceed towards each other at speeds of 85 km per hour and 105 km per hour, respectively. When they meet, it is found that train from B has travelled 200 km more than the train from A. The distance between A and B is:

- Ans**
- ✗ 1. 1800 km
  - ✗ 2. 2000 km
  - ✗ 3. 1950 km
  - ✓ 4. 1900 km

Question ID : 75189711760  
Option 1 ID : 75189747038  
Option 2 ID : 75189747040  
Option 3 ID : 75189747037  
Option 4 ID : 75189747039  
Status : Answered  
Chosen Option : 4

**Q.71** According to Economic Survey Report of 2021-22, as on September 2021, what percentage of people have opted for ₹1,000 pension per month under the Atal Pension Yojana?

- Ans**
- ✗ 1. 90%
  - ✓ 2. 78%
  - ✗ 3. 80%
  - ✗ 4. 85%

Question ID : 75189710421  
Option 1 ID : 75189741684  
Option 2 ID : 75189741681  
Option 3 ID : 75189741682  
Option 4 ID : 75189741683  
Status : Not Answered  
Chosen Option : --

Q.72 Which of the following organelles are present only in plants?

- Ans
- 1. Lysosomes
  - 2. Plastids
  - 3. Mitochondria
  - 4. Vacuoles

Question ID : 7518977784  
Option 1 ID : 75189731136  
Option 2 ID : 75189731134  
Option 3 ID : 75189731133  
Option 4 ID : 75189731135  
Status : Answered  
Chosen Option : 2

Q.73 The value of  $40 - [3 - \{4 - (6 - \overline{6-4})\}]$  is \_\_\_\_\_.

- Ans
- 1. 100
  - 2. 300
  - 3. 47
  - 4. 37

Question ID : 75189711945  
Option 1 ID : 75189747778  
Option 2 ID : 75189747777  
Option 3 ID : 75189747780  
Option 4 ID : 75189747779  
Status : Answered  
Chosen Option : 4

Q.74 In which place of Tamil Nadu will you find 'The Tamil University'?

- Ans
- 1. Salem
  - 2. Madurai
  - 3. Thanjavur
  - 4. Erode

Question ID : 75189712133  
Option 1 ID : 75189748529  
Option 2 ID : 75189748530  
Option 3 ID : 75189748532  
Option 4 ID : 75189748531  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.75** Johnny borrows ₹7,000 from a bank at simple interest. After 3 years he pays ₹4,000 to the bank, this amount being entirely adjusted as repayment of part of the principal borrowed. At the end of 5 years from the date of borrowing he pays ₹4,350 to the bank to settle the account. Find the rate of interest.

- Ans**
- 1. 6%
  - 2. 4%
  - 3. 5%
  - 4. 7%

Question ID : 75189711748

Option 1 ID : 75189746991

Option 2 ID : 75189746989

Option 3 ID : 75189746990

Option 4 ID : 75189746992

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

Chosen Option : --

**Q.76** \_\_\_\_\_ was launched in January 2021 to conceptualise innovative toys based on the Indian value system which will inculcate the positive behaviour and good value among the children.

- Ans**
- 1. Toycathon
  - 2. Code Gladiators
  - 3. Great Indian Alexa Hackathon
  - 4. Smart India Hackathon

Question ID : 7518974146

Option 1 ID : 75189716583

Option 2 ID : 75189716582

Option 3 ID : 75189716584

Option 4 ID : 75189716581

Status : **Answered**

Chosen Option : 1

**Q.77** Which of the options given below correctly describes the nature of the roots of the quadratic equation

$$x^2 + 4\sqrt{3}x + 3 = 0?$$

- Ans**
- 1. irrational and unequal
  - 2. rational and unequal
  - 3. rational and equal
  - 4. irrational and equal

Question ID : 75189711974

Option 1 ID : 75189747896

Option 2 ID : 75189747895

Option 3 ID : 75189747894

Option 4 ID : 75189747893

Status : **Answered**

Chosen Option : 1

**Q.78** Sony and Mary can complete a painting in 4 days and 6 days, respectively. They work on same painting on alternate days starting with Mary. In how many days will they together complete the painting?

- Ans**
- 1. 4.5
  - 2. 5.25
  - 3. 5
  - 4. 4.75

Question ID : 75189712047  
Option 1 ID : 75189748185  
Option 2 ID : 75189748187  
Option 3 ID : 75189748186  
Option 4 ID : 75189748188  
Status : Answered  
Chosen Option : 4

**Q.79** Of the options listed below, \_\_\_\_\_ is considered the most important contribution of the British rule in India in terms of infrastructural development.

- Ans**
- 1. highways
  - 2. railways
  - 3. airways
  - 4. ports

Question ID : 7518978560  
Option 1 ID : 75189734240  
Option 2 ID : 75189734237  
Option 3 ID : 75189734239  
Option 4 ID : 75189734238  
Status : Answered  
Chosen Option : 2

**Q.80** Many groups like the 'Narmada Bachao Andolan' oppose building of big dams. What is the negative social impact of a big dam that such groups oppose?

- Ans**
- 1. It causes flash floods in the downstream area.
  - 2. It leads to conflicts between people of different States.
  - 3. People have to wait for many years (decades) to get benefits.
  - 4. It displaces people in the upstream reservoir area.

Question ID : 75189710142  
Option 1 ID : 75189740566  
Option 2 ID : 75189740568  
Option 3 ID : 75189740565  
Option 4 ID : 75189740567  
Status : Answered  
Chosen Option : 1

**Q.81** Five years ago the sum of the ages of A and B was 58 years. The difference between B's age 8 years ago and A's age 8 years hence is 16 years. The ratio of the present ages of A and B is:

- Ans
- ✓ 1. 9 : 25
  - ✗ 2. 25 : 9
  - ✗ 3. 5 : 13
  - ✗ 4. 36 : 52

Question ID : 75189711790  
Option 1 ID : 75189747157  
Option 2 ID : 75189747158  
Option 3 ID : 75189747160  
Option 4 ID : 75189747159  
Status : Answered  
Chosen Option : 1

**Q.82** The total cost price of 100 apples is ₹700. They are sold at a rate of ₹96 per dozen. The profit percentage is \_\_\_\_\_.

- Ans
- ✗ 1.  $8\frac{2}{3}\%$
  - ✓ 2.  $14\frac{2}{7}\%$
  - ✗ 3.  $24\frac{1}{7}\%$
  - ✗ 4.  $13\frac{1}{7}\%$



Question ID : 75189711956  
Option 1 ID : 75189747821  
Option 2 ID : 75189747822  
Option 3 ID : 75189747824  
Option 4 ID : 75189747823  
Status : Answered  
Chosen Option : 2

**Q.83** The ratio of the present ages of A to B is 7 : 3. The ratio of A's age 4 years ago to B's age 4 years hence is 2 : 1. The difference between A's age 4 years hence and B's age 4 years ago is:

- Ans
- ✗ 1. 88 years
  - ✗ 2. 46 years
  - ✗ 3. 36 years
  - ✓ 4. 56 years

Question ID : 7518979298  
Option 1 ID : 75189737191  
Option 2 ID : 75189737189  
Option 3 ID : 75189737192  
Option 4 ID : 75189737190  
Status : Answered  
Chosen Option : 2

Q.84 Which of the following numbers will replace the question mark (?) in the given series?

2, 3, 4, 4, 6, 8, 6, 9, 12, 8, 12, 16, ?

- Ans
- 1. 12
  - 2. 10
  - 3. 15
  - 4. 20

Question ID : 75189711612  
Option 1 ID : 75189746445  
Option 2 ID : 75189746446  
Option 3 ID : 75189746447  
Option 4 ID : 75189746448  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.85 What is the heat energy produced in a resistance of  $10\ \Omega$  when 5 A current flows through it for 5 minutes?

- Ans
- 1.  $7.5 \times 10^3\ \text{J}$
  - 2.  $7.5 \times 10^6\ \text{J}$
  - 3.  $7.5 \times 10^4\ \text{J}$
  - 4.  $7.5 \times 10^5\ \text{J}$

Question ID : 75189711343  
Option 1 ID : 75189745369  
Option 2 ID : 75189745372  
Option 3 ID : 75189745370  
Option 4 ID : 75189745371  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.86 Which of the following rivers is NOT a tributary of the Yamuna?

- Ans
- 1. Chambal
  - 2. Betwa
  - 3. Gandak
  - 4. Ken

Question ID : 75189712155  
Option 1 ID : 75189748617  
Option 2 ID : 75189748619  
Option 3 ID : 75189748618  
Option 4 ID : 75189748620  
Status : Answered  
Chosen Option : 3

**Q.87** The given statements are followed by two conclusions. Find out which conclusion is true based on the given statements.

**Statements:**

$J > K = L, M \geq N < K, O < J < P, N > Q > R$

**Conclusions:**

I.  $P > M$

II.  $N < P$

- Ans**
- 1. Only conclusion I is true
  - 2. Both conclusions I and II are true
  - 3. Neither conclusion I nor II is true
  - 4. Only conclusion II is true

Question ID : 75189711500  
Option 1 ID : 75189745997  
Option 2 ID : 75189746000  
Option 3 ID : 75189745999  
Option 4 ID : 75189745998  
Status : Answered  
Chosen Option : 4

**Q.88** Bone cells are embedded in a hard matrix that is composed of:

- Ans**
- 1. phosphorus and potassium
  - 2. fluoride and calcium
  - 3. potassium and calcium
  - 4. calcium and phosphorus

Question ID : 75189710182  
Option 1 ID : 75189740725  
Option 2 ID : 75189740727  
Option 3 ID : 75189740726  
Option 4 ID : 75189740728  
Status : Answered  
Chosen Option : 4

**Q.89** Each of the six security guards, L, M, N, O, P and Q, have their night shift duties on six different days of a week, starting from Monday and ending on Saturday of the same week, but not necessarily in the same order. L's nightshift duties are on the day immediately after N. O's nightshift duties are on the day immediately before P but it is not on Monday. M's nightshift duty is on Saturday. Q's nightshift duty is on Wednesday.

Who among the following has nightshift duties on Tuesday?

- Ans**
- 1. L
  - 2. P
  - 3. N
  - 4. O

Question ID : 75189711447  
Option 1 ID : 75189745787  
Option 2 ID : 75189745788  
Option 3 ID : 75189745786  
Option 4 ID : 75189745785  
Status : Answered  
Chosen Option : 1



Q.90 Which of the following dams was constructed on river Ganga?

- Ans
- 1. Chamera dam
  - 2. Koyna dam
  - 3. Tehri dam
  - 4. Rihand dam

Question ID : 75189710300  
Option 1 ID : 75189741200  
Option 2 ID : 75189741199  
Option 3 ID : 75189741197  
Option 4 ID : 75189741198  
Status : Answered  
Chosen Option : 3

Q.91 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter series.

K P \_ L Z \_ P \_ M Z K \_ B \_ Z \_ P B \_ Z

- Ans
- 1. B K B P N P O
  - 2. B K B P N K O
  - 3. B K B P N K P
  - 4. B K P P O K P

Question ID : 75189710827  
Option 1 ID : 75189743305  
Option 2 ID : 75189743308  
Option 3 ID : 75189743306  
Option 4 ID : 75189743307  
Status : Answered  
Chosen Option : 2

Q.92 The sky appears blue due to:

- Ans
- 1. scattering of light of lower wave length
  - 2. dispersion of light of lower wave length
  - 3. dispersion of light of higher wave length
  - 4. scattering of light of higher wave length

Question ID : 7518979533  
Option 1 ID : 75189738130  
Option 2 ID : 75189738132  
Option 3 ID : 75189738131  
Option 4 ID : 75189738129  
Status : Answered  
Chosen Option : 1

Q.93 The roots of  $2^{2x} - 10 \times 2^x + 16 = 0$  are:

- Ans
- ✓ 1. 1, 3
  - ✗ 2. 1, 8
  - ✗ 3. 2, 8
  - ✗ 4. 2, 3

Question ID : 75189711796  
Option 1 ID : 75189747182  
Option 2 ID : 75189747183  
Option 3 ID : 75189747181  
Option 4 ID : 75189747184  
Status : Not Answered  
Chosen Option : --

Q.94 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)

(7, 127, 6)  
(8, 129, 5)

- Ans
- ✓ 1. (10, 156, 4)
  - ✗ 2. (11, 144, 9)
  - ✗ 3. (13, 131, 5)
  - ✗ 4. (9, 168, 3)

Question ID : 75189711406  
Option 1 ID : 75189745623  
Option 2 ID : 75189745622  
Option 3 ID : 75189745624  
Option 4 ID : 75189745621  
Status : Answered  
Chosen Option : 1

Q.95 Under the NITI Aayog SDG India Index, overall State and UT scores are generated from goal-wise scores to measure aggregate performance of the sub-national unit based on its performance across the 16 SDGs. Based on these scores,

States/UTs are categorised in four categories. Which of the following is NOT one of the categories?

- Ans
- ✓ 1. Excellent
  - ✗ 2. Front Runner
  - ✗ 3. Aspirant
  - ✗ 4. Performer

Question ID : 75189711095  
Option 1 ID : 75189744380  
Option 2 ID : 75189744379  
Option 3 ID : 75189744377  
Option 4 ID : 75189744378  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.96** For a certain number of observations the median is 55 and the mean is 58. Find the mode.

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

Question ID : 75189711771  
Option 1 ID : 75189747082  
Option 2 ID : 75189747084  
Option 3 ID : 75189747083  
Option 4 ID : 75189747081  
Status : Answered  
Chosen Option : 1

**Q.97** Amongst six friends P, Q, R, S, T and U, each has a different height. S is taller than only two other friends. R is shorter than only one friend. P is shorter than S but taller than Q. T is shorter than U. Who is the shortest among all the friends?

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

Question ID : 7518979125  
Option 1 ID : 75189736500  
Option 2 ID : 75189736497  
Option 3 ID : 75189736498  
Option 4 ID : 75189736499  
Status : Answered  
Chosen Option : 4

**Q.98** Article 123 of the Constitution of India gives the power of enacting Ordinances to who among the following?

- Ans**  1. Vice-President  
 2. Prime Minister  
 3. President  
 4. Speaker of the Lok Sabha

Question ID : 75189712164  
Option 1 ID : 75189748655  
Option 2 ID : 75189748654  
Option 3 ID : 75189748653  
Option 4 ID : 75189748656  
Status : Answered  
Chosen Option : 3

**Q.99** What is the term used for pricing strategy in which a firm charges different customers different prices for the same product?

- Ans**
- 1. Two Part Pricing
  - 2. Price discrimination
  - 3. Price mechanism
  - 4. Price elasticity

Question ID : 75189710567  
Option 1 ID : 75189742265  
Option 2 ID : 75189742267  
Option 3 ID : 75189742266  
Option 4 ID : 75189742268  
Status : Answered  
Chosen Option : 2

**Q.100** In Economics, which of the following curves is 'inverse U-shaped'?

- Ans**
- 1. Marginal product curve
  - 2. Short run marginal cost curve
  - 3. Average variable cost curve
  - 4. Long run average cost curve

