



RRB GROUP - D **SHIFT - 3** (26-08-2022)

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Test Date	26/08/2022
Test Time	5:00 PM - 6:30 PM
Subject	Level 1

**\* Note**

Correct Answer will carry 1 mark per Question.

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

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

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

Section : Level 1

**Q.1** Consider the below statements and identify the correct answer.

Statement-I: Salts of strong acid and a strong base are neutral with pH value of 7.

Statement-II: Salts of a strong acid and weak base are acidic with pH value less than 7.

Ans  1. Statement-I is true, and Statement-II is false.

2. Both the statements are true.

3. Statement-II is true, and Statement-I is false.

4. Both the statements are false.

Question ID : 7518973640  
Option 1 ID : 75189714559  
Option 2 ID : 75189714557  
Option 3 ID : 75189714560  
Option 4 ID : 75189714558  
Status : Answered  
Chosen Option : 2

**Q.2** Which compounds are required to manufacture baking soda?

Ans  1. Sodium hydroxide and water

2. Water and sodium carbonate

3. Water and bleaching powder

4. Common salt, carbon dioxide and ammonia

Question ID : 7518973478  
Option 1 ID : 75189713909  
Option 2 ID : 75189713911  
Option 3 ID : 75189713910  
Option 4 ID : 75189713912  
Status : Answered  
Chosen Option : 2

**Q.3** If, for  $x > 0$ , the mean of 22.5, 56, 42.5,  $2x+1$ ,  $x-2$ ,  $3x$ , 36 is 30, then the value of  $x$  is \_\_\_\_\_.

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

Question ID : 7518975679  
Option 1 ID : 75189722714  
Option 2 ID : 75189722716  
Option 3 ID : 75189722713  
Option 4 ID : 75189722715  
Status : Answered  
Chosen Option : 1

**Q.4** Consider the below statements and identify the correct answer.

Statement I: Atomic radius increases in moving from left to right along a period.

Statement II: Nuclear charge increases in moving from left to right along a period.

- Ans**
- 1. Only Statement I is correct.
  - 2. Only Statement II is correct.
  - 3. Both statements are correct. Statement I is correct explanation of Statement II.
  - 4. Both statements are correct. Statement II is correct explanation of Statement I.

Question ID : 7518973727  
Option 1 ID : 75189714907  
Option 2 ID : 75189714908  
Option 3 ID : 75189714906  
Option 4 ID : 75189714905  
Status : Answered  
Chosen Option : 4

**Q.5** Which of the following diseases is NOT sexually transmitted?

- Ans**
- 1. Syphilis
  - 2. Hepatitis B
  - 3. AIDS
  - 4. Tuberculosis

Question ID : 7518974428  
Option 1 ID : 75189717710  
Option 2 ID : 75189717711  
Option 3 ID : 75189717709  
Option 4 ID : 75189717712  
Status : Answered  
Chosen Option : 4

Q.6 Which of the following reactions will be considered as a double displacement reaction?

- Ans
- 1.  $\text{Zn} + \text{FeCl}_3 \rightarrow \text{ZnCl}_2 + \text{Fe}$
  - 2.  $\text{H}_2\text{CO}_3 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
  - 3.  $\text{HCl} + \text{KOH} \rightarrow \text{KCl} + \text{H}_2\text{O}$
  - 4.  $\text{MgO} + \text{H}_2\text{O} \rightarrow \text{Mg}(\text{OH})_2$

Question ID : 7518973438  
Option 1 ID : 75189713750  
Option 2 ID : 75189713751  
Option 3 ID : 75189713752  
Option 4 ID : 75189713749  
Status : Answered  
Chosen Option : 3

Q.7 Two resistors, A of  $6\ \Omega$  and B of  $12\ \Omega$ , are connected in parallel to a battery of 3 V. The total energy supplied by the battery to the circuit in 1 second is:

- Ans
- 1. 2.25 J
  - 2. 1.5 J
  - 3. 4.5 J
  - 4. 0.75 J

Question ID : 7518976710  
Option 1 ID : 75189726839  
Option 2 ID : 75189726838  
Option 3 ID : 75189726840  
Option 4 ID : 75189726837  
Status : Answered  
Chosen Option : 4

Q.8 Which of the following is the non-metallic form of mineral?

- Ans
- 1. Silver
  - 2. Lead
  - 3. Bauxite
  - 4. Mica

Question ID : 7518977257  
Option 1 ID : 75189729025  
Option 2 ID : 75189729026  
Option 3 ID : 75189729027  
Option 4 ID : 75189729028  
Status : Not Attempted and Marked For Review  
Chosen Option : --

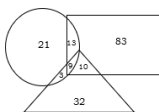
**Q.9** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

TDK-4, XHO-9, BLS-16, FPW-25, ?

- Ans
- ✓ 1. JTA-36
  - ✗ 2. JTB-36
  - ✗ 3. JTA-64
  - ✗ 4. JUA-36

Question ID : 7518975214  
Option 1 ID : 75189720853  
Option 2 ID : 75189720854  
Option 3 ID : 75189720856  
Option 4 ID : 75189720855  
Status : Answered  
Chosen Option : 1

**Q.10** In the following diagram, the circle represents girls, the triangle represents science students, and the rectangle represents PG students. The numbers in different sections indicate the number of persons. How many PG students are girls who are NOT science students?



- Ans
- ✗ 1. 12
  - ✗ 2. 22
  - ✗ 3. 19
  - ✓ 4. 13

Question ID : 7518974753  
Option 1 ID : 75189719009  
Option 2 ID : 75189719012  
Option 3 ID : 75189719011  
Option 4 ID : 75189719010  
Status : Answered  
Chosen Option : 4

**Q.11** Long chain compounds formed by Silicon are:

- Ans
- ✗ 1. Less polarizable
  - ✓ 2. Very reactive
  - ✗ 3. Very stable
  - ✗ 4. More Ionic

Question ID : 7518973398  
Option 1 ID : 75189713590  
Option 2 ID : 75189713591  
Option 3 ID : 75189713589  
Option 4 ID : 75189713592  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.12** A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. E lives on the floor immediately below F's floor. D lives on the 2<sup>nd</sup> floor. C lives on the floor immediately below A's floor. F does not live on the 5<sup>th</sup> floor. On which floor does B live?

- Ans**
- 1. 3<sup>rd</sup>
  - 2. 1<sup>st</sup>
  - 3. 5<sup>th</sup>
  - 4. 6<sup>th</sup>

Question ID : 7518975152  
Option 1 ID : 75189720606  
Option 2 ID : 75189720605  
Option 3 ID : 75189720607  
Option 4 ID : 75189720608  
Status : Answered  
Chosen Option : 2

**Q.13** What approximate value should come in place of the question mark (?) in the following equation?

$$99.01 + 10.93 + 6.987 \times 16.01 = ?$$

- Ans**
- 1. 133
  - 2. 145
  - 3. 121
  - 4. 129

Question ID : 7518977403  
Option 1 ID : 75189729609  
Option 2 ID : 75189729610  
Option 3 ID : 75189729612  
Option 4 ID : 75189729611  
Status : Answered  
Chosen Option : 3

**Q.14** Which of the following groups of three elements each constitutes Dobereiner's triads?

- Ans**
- 1. Ca, Ba, F
  - 2. Li, Mg, Al
  - 3. Cl, H, Si
  - 4. Cl, Br, I

Question ID : 7518973496  
Option 1 ID : 75189713983  
Option 2 ID : 75189713981  
Option 3 ID : 75189713982  
Option 4 ID : 75189713984  
Status : Answered  
Chosen Option : 2

**Q.15** Bhuvan's salary was first decreased by 16% and subsequently increased by 25%. Find the net percentage change in his salary.

- Ans**
- 1. 10% decrease
  - 2. 5% decrease
  - 3. 5% increase
  - 4. 10% increase

Question ID : 7518976048  
Option 1 ID : 75189724192  
Option 2 ID : 75189724191  
Option 3 ID : 75189724189  
Option 4 ID : 75189724190  
Status : Answered  
Chosen Option : 3

**Q.16** Who was the first Deputy Chairman of the Planning Commission of India?

- Ans**
- 1. Vallabhbhai Jhaverbhai Patel
  - 2. Gulzarilal Nanda
  - 3. KC Neogy
  - 4. Jawaharlal Nehru

Question ID : 7518974248  
Option 1 ID : 75189716992  
Option 2 ID : 75189716990  
Option 3 ID : 75189716989  
Option 4 ID : 75189716991  
Status : Not Answered  
Chosen Option : --

**Q.17** Which of the following institutions launched the microfinance movement in India on a pilot basis in 1992?

- Ans**
- 1. IIFCL
  - 2. NABARD
  - 3. SIDBI
  - 4. IFCI

Question ID : 7518976812  
Option 1 ID : 75189727248  
Option 2 ID : 75189727246  
Option 3 ID : 75189727245  
Option 4 ID : 75189727247  
Status : Answered  
Chosen Option : 3

**Q.18** Which of the following numbers will replace the question mark (?) in the given series?

7, 18, 34, 72, 142, ?

- Ans**
- 1. 298
  - 2. 282
  - 3. 228
  - 4. 288

Question ID : 7518977386  
Option 1 ID : 75189729544  
Option 2 ID : 75189729542  
Option 3 ID : 75189729543  
Option 4 ID : 75189729541  
Status : Answered  
Chosen Option : 4

**Q.19** An object is placed in front of a concave mirror of focal length 12 cm, at a distance of 8 cm. Its image is formed at a distance of:

- Ans**
- 1. 24 cm
  - 2. 4.8 cm
  - 3. 8 cm
  - 4. 12 cm

Question ID : 7518976601  
Option 1 ID : 75189726401  
Option 2 ID : 75189726404  
Option 3 ID : 75189726403  
Option 4 ID : 75189726402  
Status : Answered  
Chosen Option : 1

**Q.20** A and B together can complete a work in 12 days. A alone can complete it in 20 days. If B does the work only for the first half of the day daily, then in how many days will A and B together complete the work?

- Ans**
- 1. 15 days
  - 2.  $\frac{22}{3}$  days
  - 3.  $\frac{43}{2}$  days
  - 4.  $\frac{40}{3}$  days

Question ID : 7518975657  
Option 1 ID : 75189722627  
Option 2 ID : 75189722625  
Option 3 ID : 75189722626  
Option 4 ID : 75189722628  
Status : Answered  
Chosen Option : 1



**Q.21** The potential difference across a copper wire is 2.0 V when a current of 0.4 A flows through it. The resistance of the wire is:

- Ans**  1. 5.0  $\Omega$   
 2. 0.5  $\Omega$   
 3. 0.2  $\Omega$   
 4. 2.5  $\Omega$

Question ID : 7518976671  
Option 1 ID : 75189726684  
Option 2 ID : 75189726682  
Option 3 ID : 75189726681  
Option 4 ID : 75189726683  
Status : Answered  
Chosen Option : 1

**Q.22** What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and also 'x' and '+' are interchanged?

$$10 + 152 \times 19 - 2 \div 3 = ?$$

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

Question ID : 7518977421  
Option 1 ID : 75189729682  
Option 2 ID : 75189729681  
Option 3 ID : 75189729683  
Option 4 ID : 75189729684  
Status : Answered  
Chosen Option : 4

**Q.23** A's salary is 20% less than B's salary. By how much per cent is B's salary more than A's?

- Ans**  1. 17%  
 2. 20%  
 3. 25%  
 4. 15%

Question ID : 7518976051  
Option 1 ID : 75189724204  
Option 2 ID : 75189724202  
Option 3 ID : 75189724201  
Option 4 ID : 75189724203  
Status : Answered  
Chosen Option : 3

**Q.24** On 14 February 2022, ISRO (Indian Space Research Organisation) launched which of the following satellites?

- Ans**
- 1. EOS-04
  - 2. EOS-03
  - 3. EOS-01
  - 4. CMS-01

Question ID : 7518977152  
Option 1 ID : 75189728605  
Option 2 ID : 75189728606  
Option 3 ID : 75189728608  
Option 4 ID : 75189728607  
Status : Answered  
Chosen Option : 1

**Q.25** In the conservation of forests, stakeholders play a very important role. Which of the following are NOT the stakeholders in the forest?

- Ans**
- 1. Wildlife and nature enthusiasts
  - 2. The people who live in and around the forest and depend on forest produce
  - 3. Forest Department of the Government
  - 4. People living in urban areas

Question ID : 7518974685  
Option 1 ID : 75189718740  
Option 2 ID : 75189718738  
Option 3 ID : 75189718737  
Option 4 ID : 75189718739  
Status : Answered  
Chosen Option : 4

**Q.26** It is found that during dispersion of white light by a glass prism, the more a colour component is bent, the more is the refractive index of the glass for that colour component. If  $\mu_Y$ ,  $\mu_V$  and  $\mu_G$  are refractive indices for yellow, violet and green lights, respectively, then which of the following relations between them is correct?

- Ans**
- 1.  $\mu_Y > \mu_V > \mu_G$
  - 2.  $\mu_G > \mu_Y > \mu_V$
  - 3.  $\mu_Y = \mu_V = \mu_G$
  - 4.  $\mu_V > \mu_G > \mu_Y$

Question ID : 7518976652  
Option 1 ID : 75189726606  
Option 2 ID : 75189726605  
Option 3 ID : 75189726608  
Option 4 ID : 75189726607  
Status : Answered  
Chosen Option : 4

Q.27 Which of the following cities is famous for the iconic 'Kumbh Mela'?

- Ans
- 1. Ahmedabad
  - 2. Surat
  - 3. Prayagraj
  - 4. Lucknow

Question ID : 7518974179  
Option 1 ID : 75189716714  
Option 2 ID : 75189716716  
Option 3 ID : 75189716713  
Option 4 ID : 75189716715  
Status : Answered  
Chosen Option : 3

Q.28 Some features of villi of the small intestine in humans are given below:

- (i) They are finger-like with very thin walls
- (ii) Provide a large surface area
- (iii) Have small pores for food to pass
- (iv) Richly supplied by blood capillaries

Which option/options shows/show the features that enable the villi to absorb food?

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

Question ID : 7518974578  
Option 1 ID : 75189718311  
Option 2 ID : 75189718312  
Option 3 ID : 75189718309  
Option 4 ID : 75189718310  
Status : Answered  
Chosen Option : 2

Q.29 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.

MGB : NTY

THK : GSP

- Ans
- 1. LCP : OXJ
  - 2. QDF : JWU
  - 3. MER : NVH
  - 4. CHX : XIC

Question ID : 7518977379  
Option 1 ID : 75189729513  
Option 2 ID : 75189729514  
Option 3 ID : 75189729515  
Option 4 ID : 75189729516  
Status : Answered  
Chosen Option : 2

Q.30 Find the remainder, when  $171 \times 172 \times 173$  is divided by 17.

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

Question ID : 7518976031  
Option 1 ID : 75189724122  
Option 2 ID : 75189724124  
Option 3 ID : 75189724123  
Option 4 ID : 75189724121  
Status : Answered  
Chosen Option : 1

Q.31 Which of the following is true?

- a) Every trapezium is a parallelogram.
- b) Every parallelogram is a square.
- c) Every rectangle is a square.
- d) Every square is a rhombus.

- Ans
- 1. only c
  - 2. only a
  - 3. only d
  - 4. both a and b

Question ID : 7518975777  
Option 1 ID : 75189723108  
Option 2 ID : 75189723106  
Option 3 ID : 75189723107  
Option 4 ID : 75189723105  
Status : Answered  
Chosen Option : 3

Q.32 Which institution governs the area that is in transition from rural to urban?

- Ans
- 1. Gram Panchayat
  - 2. Gram Sabha
  - 3. Panchayat Samitis
  - 4. City Councils

Question ID : 751897288  
Option 1 ID : 75189729150  
Option 2 ID : 75189729149  
Option 3 ID : 75189729152  
Option 4 ID : 75189729151  
Status : Not Attempted  
Marked For Review  
Chosen Option : --

**Q.33** Raghu invests ₹5,00,000 in the name of his daughter, who is 16 years old, in a scheme that pays 5% compound interest per annum, compounded annually. What will be the total amount due to the daughter when she turns 18 years old?

- Ans
- 1. ₹ 5,52,150
  - 2. ₹5,51,520
  - 3. ₹ 5,15,250
  - 4. ₹5,51,250

Question ID : 7518975851  
Option 1 ID : 75189723401  
Option 2 ID : 75189723402  
Option 3 ID : 75189723403  
Option 4 ID : 75189723404  
Status : Answered  
Chosen Option : 2

**Q.34** Express  $0.13\overline{241}$  in the form  $\frac{p}{q}$ , where p and q are integers and  $q \neq 0$ .

- Ans
- 1.  $\frac{3807}{24975}$
  - 2.  $\frac{3287}{21780}$
  - 3.  $\frac{3337}{24160}$
  - 4.  $\frac{3307}{24975}$

Question ID : 7518976025  
Option 1 ID : 75189724098  
Option 2 ID : 75189724100  
Option 3 ID : 75189724099  
Option 4 ID : 75189724097  
Status : Not Answered  
Chosen Option : --

**Q.35** Consider the following statements about magnetic field due to a current-carrying straight conductor:

- (a) The direction of the south pole of a compass needle at a point gives the direction of the magnetic field at that point.
- (b) The direction of the magnetic field lines gets reversed if the direction of the current in the conductor is reversed.

Which of the above statements is/are correct?

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

Question ID : 7518976736  
Option 1 ID : 75189726942  
Option 2 ID : 75189726941  
Option 3 ID : 75189726943  
Option 4 ID : 75189726944  
Status : Answered  
Chosen Option : 4

**Q.36** How many such pairs of letters are there in the word HINDUSTAN (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. 2
  - 2. 3
  - 3. 4
  - 4. 1

Question ID : 7518974789  
Option 1 ID : 75189719154  
Option 2 ID : 75189719155  
Option 3 ID : 75189719156  
Option 4 ID : 75189719153  
Status : Answered  
Chosen Option : 1

**Q.37** Who presented a draft bill in the Parliament – The National Anti-Doping Bill, 2021 – to regulate anti-doping activities in sports?

- Ans
- 1. Sandeep Singh
  - 2. Kiran Rijiju
  - 3. Anurag Thakur
  - 4. Rajyavardhan Singh Rathore

Question ID : 7518974131  
Option 1 ID : 75189716524  
Option 2 ID : 75189716522  
Option 3 ID : 75189716523  
Option 4 ID : 75189716521  
Status : Not Answered  
Chosen Option : --

**Q.38** Among six students, K, L, M, N, O and P, each scores different marks in an examination. M scores more marks than only three other students. K scores more marks than N. P scores less marks than M. O scores more marks than L. P scores more marks than K. L scores more marks than M. Who scores the highest marks among all six students?

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

Question ID : 7518975208  
Option 1 ID : 75189720831  
Option 2 ID : 75189720829  
Option 3 ID : 75189720830  
Option 4 ID : 75189720832  
Status : Answered  
Chosen Option : 1

**Q.39** A lens having power 8 D is kept in contact with another lens having power  $-4$  D. The lens combination will act as a:

- Ans
- 1. concave lens having focal length 25 cm
  - 2. concave lens having focal length 50 cm
  - 3. convex lens having focal length 25 cm
  - 4. convex lens having focal length 50 cm

Question ID : 7518975420  
Option 1 ID : 75189721678  
Option 2 ID : 75189721680  
Option 3 ID : 75189721677  
Option 4 ID : 75189721679  
Status : Answered  
Chosen Option : 3

**Q.40** If each of the digits in the number 63547981 is arranged in ascending order from left to right, then the position of how many digits will remain unchanged as compared to that in the original number?

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

Question ID : 7518977413  
Option 1 ID : 75189729652  
Option 2 ID : 75189729649  
Option 3 ID : 75189729651  
Option 4 ID : 75189729650  
Status : Answered  
Chosen Option : 4

**Q.41** Where was the first session of Indian National Congress held?

- Ans
- 1. Patna
  - 2. Madras
  - 3. Lucknow
  - 4. Bombay

Question ID : 7518977178  
Option 1 ID : 75189728712  
Option 2 ID : 75189728710  
Option 3 ID : 75189728711  
Option 4 ID : 75189728709  
Status : Answered  
Chosen Option : 4

**Q.42** What is the process called when a substance's spontaneous movement from a high concentration to a low concentration takes place?

- Ans
- 1. Gaseous exchange
  - 2. Diffusion
  - 3. Osmosis
  - 4. Circulation

Question ID : 7518974312  
Option 1 ID : 75189717247  
Option 2 ID : 75189717245  
Option 3 ID : 75189717246  
Option 4 ID : 75189717248  
Status : Answered  
Chosen Option : 2

**Q.43** Find the measure of each exterior angle of a regular octagon.

- Ans
- 1.  $120^\circ$
  - 2.  $60^\circ$
  - 3.  $45^\circ$
  - 4.  $135^\circ$

Question ID : 7518976199  
Option 1 ID : 75189724793  
Option 2 ID : 75189724794  
Option 3 ID : 75189724796  
Option 4 ID : 75189724795  
Status : Answered  
Chosen Option : 3

**Q.44** A and B can complete a piece of work in 10 days and 12 days, respectively. If they work on alternate days beginning with A, then in how many days will the work be completed?

- Ans
- 1.  $10\frac{1}{2}$
  - 2.  $10\frac{1}{4}$
  - 3. 10
  - 4.  $10\frac{5}{6}$

Question ID : 7518976099  
Option 1 ID : 75189724396  
Option 2 ID : 75189724395  
Option 3 ID : 75189724393  
Option 4 ID : 75189724394  
Status : Answered  
Chosen Option : 4



**Q.45** Two resistors, A of  $10\ \Omega$  and B of  $30\ \Omega$ , are connected in series to a battery of 6 V. The total heat dissipated in the resistors in 1 second is:

- Ans
- 1. 0.45 J
  - 2. 0.90 J
  - 3. 4.8 J
  - 4. 2.4 J

Question ID : 7518976707

Option 1 ID : 75189726825

Option 2 ID : 75189726826

Option 3 ID : 75189726828

Option 4 ID : 75189726827

Status : Not Attempted and Marked For Review

Chosen Option : --

**Q.46** If  $a$  and  $b$  are the roots of the equation  $x^2 - 5x - 14 = 0$ , then the value of  $a^3b^2 + a^2b^3$  is:

- Ans
- 1. 980
  - 2. 790
  - 3. 670
  - 4. 840

Question ID : 7518976356

Option 1 ID : 75189725424

Option 2 ID : 75189725422

Option 3 ID : 75189725421

Option 4 ID : 75189725423

Status : Answered

Chosen Option : 1

**Q.47** 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	22	56	33	#	46	&	64	@	%	37	57
Code	L	K	J	H	G	F	D	S	A	P	B

Conditions:

(i) If the first element is a symbol and the last element is a number, then replace these two (first and last) elements with %.

(ii) If the second element is a number and the second last is a symbol, the codes of the first and last elements are to be interchanged.

(iii) If the question has an equal quantity of even and odd numbers, then replace the even numbers with \* and odd numbers with <

Question: # 22 64 % 33 & 37 @

- Ans
- 1. H\*\*A33F37S
  - 2. #LDAJFP@
  - 3. H\*\*A<F<S
  - 4. HLD AJFPS

Question ID : 7518974831

Option 1 ID : 75189719323

Option 2 ID : 75189719322

Option 3 ID : 75189719324

Option 4 ID : 75189719321

Status : Not Answered

Chosen Option : --

**Q.48** Mendel worked with a number of contrasting visible characters of garden pea. Some of them were:

- a) Round and wrinkled seeds
- b) tall and short plants
- c) white and violet flowers

Which of these are the recessive traits in the pea plant?

- Ans**
- 1. Violet, short and round
  - 2. Wrinkled, short and white
  - 3. Wrinkled, short and violet
  - 4. Round, short and white

Question ID : 7518974642

Option 1 ID : 75189718568

Option 2 ID : 75189718567

Option 3 ID : 75189718565

Option 4 ID : 75189718566

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

Chosen Option : --

**Q.49** If the breadth and height of a closed cuboid are, respectively, 25% and 50% of its length of 12 cm, then find the total surface area of this cuboid.

- Ans**
- 1.  $126 \text{ cm}^2$
  - 2.  $522 \text{ cm}^2$
  - 3.  $252 \text{ cm}^2$
  - 4.  $63 \text{ cm}^2$

Question ID : 7518975978

Option 1 ID : 75189723911

Option 2 ID : 75189723910

Option 3 ID : 75189723912

Option 4 ID : 75189723909

Status : **Answered**

Chosen Option : 3

**Q.50** What is the name of a river in central India with a total length of about 724 km, which originates from Betul, Madhya Pradesh, and joins the Arabian Sea?

- Ans**
- 1. Tapi River
  - 2. Kaveri River
  - 3. Krishna River
  - 4. Godavari River

Question ID : 7518974082

Option 1 ID : 75189716326

Option 2 ID : 75189716327

Option 3 ID : 75189716328

Option 4 ID : 75189716325

Status : **Answered**

Chosen Option : 1

**Q.51** How many such pairs of letters are there in the word TOMORROW (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. 2
  - 2. 1
  - 3. 4
  - 4. 3

Question ID : 7518974787  
Option 1 ID : 75189719146  
Option 2 ID : 75189719145  
Option 3 ID : 75189719148  
Option 4 ID : 75189719147  
Status : Answered  
Chosen Option : 2

**Q.52** 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.

6 : 33 :: 11 : 58 :: 18 : ?

- Ans**
- 1. 93
  - 2. 105
  - 3. 98
  - 4. 150

Question ID : 7518977398  
Option 1 ID : 75189729591  
Option 2 ID : 75189729589  
Option 3 ID : 75189729590  
Option 4 ID : 75189729592  
Status : Answered  
Chosen Option : 1

**Q.53** Among six persons, K, L, M, N, O and P, each one has a different age. P is older than only three other persons. N is older than L. O is younger than L. M is older than K. P is younger than K. Who is the second youngest among all six persons?

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

Question ID : 7518975212  
Option 1 ID : 75189720847  
Option 2 ID : 75189720845  
Option 3 ID : 75189720846  
Option 4 ID : 75189720848  
Status : Answered  
Chosen Option : 1

**Q.54** A dishonest dealer professes to sell his goods at cost price but uses a false weight and thus gains 20%. For a kilogram he uses a weight of how many grams?

- Ans**
- 1. 785.5 gm
  - 2. 750.5 gm
  - 3. 833.33 gm
  - 4. 708.06 gm

Question ID : 7518975634  
Option 1 ID : 75189722536  
Option 2 ID : 75189722533  
Option 3 ID : 75189722535  
Option 4 ID : 75189722534  
Status : Not Answered  
Chosen Option : --

**Q.55** A 3-digit number is such that the unit digit, tens digit and hundreds digit are in the ratio 1 : 2 : 3. The sum of this number and its reversed number is 1332. Find the number

- Ans**
- 1. 414
  - 2. 246
  - 3. 123
  - 4. 369

Question ID : 7518975712  
Option 1 ID : 75189722845  
Option 2 ID : 75189722846  
Option 3 ID : 75189722847  
Option 4 ID : 75189722848  
Status : Not Attempted and Marked For Review  
Chosen Option : --

**Q.56** All of the statements given below regarding inhalation in humans are correct except one. Which one is NOT correct?

- a) Ribs move inward and diaphragm is raised.
- b) Ribs are lifted up and diaphragm becomes flat.
- c) Chest cavity becomes larger.
- d) Air is sucked into the lungs.

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

Question ID : 7518974581  
Option 1 ID : 75189718321  
Option 2 ID : 75189718324  
Option 3 ID : 75189718322  
Option 4 ID : 75189718323  
Status : Answered  
Chosen Option : 1

Q.57 Find the surface area of a sphere with a diameter  $\frac{1}{2}$  cm.

- Ans
- ✓ 1.  $\frac{\pi}{4}$  cm<sup>2</sup>
  - ✗ 2.  $\frac{\pi}{2}$  cm<sup>2</sup>
  - ✗ 3.  $\pi^2$  cm<sup>2</sup>
  - ✗ 4.  $2\pi^2$  cm<sup>2</sup>

Question ID : 7518976185  
Option 1 ID : 75189724738  
Option 2 ID : 75189724739  
Option 3 ID : 75189724737  
Option 4 ID : 75189724740  
Status : Answered  
Chosen Option : 1

Q.58 The following table shows the population of six different cities, A, B, C, D, E and F, the ratio of males to females among them and the ratio of adults to children in the total population. Study the table and answer the question.

City	Population	Male : Female	Adult : Children
A	410400	13 : 11	5 : 3
B	369900	5 : 4	7 : 2
C	442800	5 : 7	7 : 5
D	465500	17 : 18	4 : 3
E	499500	5 : 4	5 : 4
F	424500	8 : 7	17 : 13

What is the difference between the total number of adults and the total number children in city A?

- Ans
- ✗ 1. 1,04,600
  - ✓ 2. 1,02,600
  - ✗ 3. 1,02,000
  - ✗ 4. 1,12,600

Question ID : 7518977432  
Option 1 ID : 75189729725  
Option 2 ID : 75189729726  
Option 3 ID : 75189729728  
Option 4 ID : 75189729727  
Status : Not Answered  
Chosen Option : --

Q.59 If  $x = 2 + \sqrt{5}$  and  $y = 2 - \sqrt{5}$ , then the value of  $x^2 + y^2$  is:

- Ans
- ✓ 1. 18
  - ✗ 2. 16
  - ✗ 3. 20
  - ✗ 4. 22

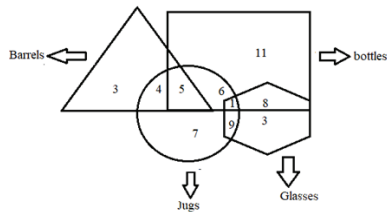
Question ID : 7518976228  
Option 1 ID : 75189724909  
Option 2 ID : 75189724910  
Option 3 ID : 75189724911  
Option 4 ID : 75189724912  
Status : Answered  
Chosen Option : 1

Q.60 Books that contain the records of Christ's life are known as \_\_\_\_\_.

- Ans
- 1. Gospels
  - 2. Torahs
  - 3. Sermons
  - 4. Psalms

Question ID : 7518977197  
Option 1 ID : 75189728787  
Option 2 ID : 75189728785  
Option 3 ID : 75189728786  
Option 4 ID : 75189728788  
Status : Not Answered  
Chosen Option : --

Q.61 Study the given diagram carefully and answer the question. The numbers in different sections indicate the number of articles.



How many such barrels are there that are only jugs?

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

Question ID : 7518977317  
Option 1 ID : 75189729266  
Option 2 ID : 75189729268  
Option 3 ID : 75189729265  
Option 4 ID : 75189729267  
Status : Answered  
Chosen Option : 3

Q.62 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.

18 : 63 :: 44 : 154 :: 54 : ?

- Ans
- 1. 146
  - 2. 138
  - 3. 189
  - 4. 179

Question ID : 7518975075  
Option 1 ID : 75189720300  
Option 2 ID : 75189720297  
Option 3 ID : 75189720299  
Option 4 ID : 75189720298  
Status : Not Answered  
Chosen Option : --

Q.63 Where in the human body does pyruvate undergo aerobic breakdown?

- Ans
- 1. Nucleus
  - 2. Mitochondria
  - 3. Cytoplasm
  - 4. Muscles

Question ID : 7518974340  
Option 1 ID : 75189717358  
Option 2 ID : 75189717359  
Option 3 ID : 75189717357  
Option 4 ID : 75189717360  
Status : Answered  
Chosen Option : 3

Q.64 For a given data, if mean and mode are 42 and 60, respectively, then find the median of the data using empirical relation.

- Ans
- 1. 50
  - 2. 44
  - 3. 46
  - 4. 48

Question ID : 7518976119  
Option 1 ID : 75189724476  
Option 2 ID : 75189724475  
Option 3 ID : 75189724474  
Option 4 ID : 75189724473  
Status : Answered  
Chosen Option : 4

Q.65 The first step to practice waste management is segregation. Select the INCORRECT option with regard to segregation of waste into different categories.

- Ans
- 1. It helps to identify materials that can be sold to earn revenue
  - 2. It prevents items suitable for recycling from being thrown away
  - 3. It increases the amount of waste going into landfills
  - 4. Segregation helps to reduce the money spent on disposal of waste

Question ID : 7518974671  
Option 1 ID : 75189718684  
Option 2 ID : 75189718683  
Option 3 ID : 75189718682  
Option 4 ID : 75189718681  
Status : Answered  
Chosen Option : 3

**Q.66** Eight students, 1 to 8, are sitting around a circular table facing the centre. 1 is the immediate neighbour of both 8 and 2. 3 is sitting second to the right of 1. 1 is sitting second to the right of 7. 5 is the immediate neighbour of 6 and 4. How many students were sitting between 5 and 1?

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

Question ID : 7518977293  
Option 1 ID : 75189729169  
Option 2 ID : 75189729172  
Option 3 ID : 75189729170  
Option 4 ID : 75189729171  
Status : Answered  
Chosen Option : 4

**Q.67** According to Article 24 of the Constitution of India which deals with the Right against Exploitation, what is the minimum age fixed by the government to work in a factory or mine?

- Ans**
- 1. 14 years
  - 2. 16 years
  - 3. 18 years
  - 4. 21 years

Question ID : 7518977166  
Option 1 ID : 75189728664  
Option 2 ID : 75189728663  
Option 3 ID : 75189728661  
Option 4 ID : 75189728662  
Status : Answered  
Chosen Option : 1

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

(Left) G B D F H & 8 \* T % 7 D 4 @ 6 K & 2 R P Q T @ Y # 3 5 E \* S (Right)

How many such symbols are there in the series which are immediately preceded by a letter and also immediately followed by a number?

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

Question ID : 7518977347  
Option 1 ID : 75189729385  
Option 2 ID : 75189729388  
Option 3 ID : 75189729387  
Option 4 ID : 75189729386  
Status : Answered  
Chosen Option : 2



Q.69 'Families increase savings to offset the increased government dissaving.'

Who among the following has given the above mentioned theory?

- Ans
- 1. BR Ambedkar
  - 2. Takeshi Amemiya
  - 3. Walter Adams
  - 4. David Ricardo

Question ID : 7518977221  
Option 1 ID : 75189728884  
Option 2 ID : 75189728882  
Option 3 ID : 75189728883  
Option 4 ID : 75189728881  
Status : Not Answered  
Chosen Option : --

Q.70 India's first wholly owned women's industrial park opened in March 2022 in Hyderabad. This park has been promoted by which organization in collaboration with the Government of Telangana?

- Ans
- 1. Confederation of Women Entrepreneurs
  - 2. Self Employed Women's Association
  - 3. FICCI Ladies Organisation
  - 4. Sabala Organisation

Question ID : 7518973963  
Option 1 ID : 75189715852  
Option 2 ID : 75189715851  
Option 3 ID : 75189715850  
Option 4 ID : 75189715849  
Status : Answered  
Chosen Option : 2

Q.71 The sum of the prime factors of  $9^6 \times 12^4 \times 7^7$  is:

- Ans
- 1. 13
  - 2. 12
  - 3. 11
  - 4. 14

Question ID : 7518976243  
Option 1 ID : 75189724970  
Option 2 ID : 75189724972  
Option 3 ID : 75189724971  
Option 4 ID : 75189724969  
Status : Not Answered  
Chosen Option : --

Q.72 If  $x^3 - 3x + 6 = 0$ , then it is:

- Ans
- 1. a quadratic equation
  - 2. a linear equation
  - 3. a quadratic expression
  - 4. not a quadratic equation

Question ID : 7518975944  
Option 1 ID : 75189723773  
Option 2 ID : 75189723776  
Option 3 ID : 75189723775  
Option 4 ID : 75189723774  
Status : Answered  
Chosen Option : 4

Q.73 Which of the following types of coal is known to have the highest carbon content in it?

- Ans
- 1. Bituminous
  - 2. Lignite
  - 3. Sub-bituminous
  - 4. Anthracite

Question ID : 7518974266  
Option 1 ID : 75189717061  
Option 2 ID : 75189717064  
Option 3 ID : 75189717062  
Option 4 ID : 75189717063  
Status : Answered  
Chosen Option : 4

Q.74 The sum of the ages of five children born at the intervals of three years each is 60 years. What is the age of the youngest child?

- Ans
- 1. 4 years
  - 2. 7 years
  - 3. 5 years
  - 4. 6 years

Question ID : 7518976146  
Option 1 ID : 75189724581  
Option 2 ID : 75189724584  
Option 3 ID : 75189724582  
Option 4 ID : 75189724583  
Status : Answered  
Chosen Option : 4

**Q.75** A retailer would have made a profit of 18% if he sold an article at its marked price. If he allowed a discount of 10% on the marked price, what would his actual profit on that article have been?

- Ans
- 1. 4.6%
  - 2. 7.1%
  - 3. 6.2%
  - 4. 5.5%

Question ID : 7518976285  
Option 1 ID : 75189725139  
Option 2 ID : 75189725140  
Option 3 ID : 75189725137  
Option 4 ID : 75189725138  
Status : Answered  
Chosen Option : 2

**Q.76** Hisar is to the north of Bhiwani, Bhiwani is to the west of New Delhi, Rohtak is to the south of Panipat and to the east of New Delhi. What is the position of Hisar with respect to Panipat?

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

Question ID : 7518974842  
Option 1 ID : 75189719367  
Option 2 ID : 75189719368  
Option 3 ID : 75189719365  
Option 4 ID : 75189719366  
Status : Answered  
Chosen Option : 4

**Q.77** Ramya got married 10 years ago. Now her age is  $1\frac{1}{5}$  times her age at the time of marriage. Her daughter's age is one-tenth of her present age. Find her daughter's present age.

- Ans
- 1. 12 years
  - 2. 20 years
  - 3. 6 years
  - 4. 8 years

Question ID : 7518976152  
Option 1 ID : 75189724605  
Option 2 ID : 75189724608  
Option 3 ID : 75189724606  
Option 4 ID : 75189724607  
Status : Not Answered  
Chosen Option : --

**Q.78** Consider the following statements about magnetic field due to a current-carrying solenoid:

- (a) The magnetic field is uniform inside the solenoid.
- (b) One end of the solenoid behaves like the north pole and the other like the south pole of a bar magnet.

Which of the above statements is/are correct?

**Ans** ✓ 1. Both (a) and (b)

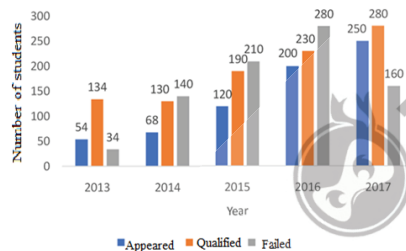
✗ 2. Only (a)

✗ 3. Neither (a) nor (b)

✗ 4. Only (b)

Question ID : 7518976733  
Option 1 ID : 75189726929  
Option 2 ID : 75189726931  
Option 3 ID : 75189726930  
Option 4 ID : 75189726932  
Status : Answered  
Chosen Option : 1

**Q.79** The following bar graph gives the information on the number of students who appeared, qualified and failed in a bank PO exam (in hundreds) in different years. Study the graph and answer the question.



By what percentage is the average number of students who failed in the given five years more than the number of students who failed in 2017?

**Ans** ✗ 1. 3%

✗ 2. 2%

✓ 3. 4%

✗ 4. 5%

Question ID : 7518977428  
Option 1 ID : 75189729710  
Option 2 ID : 75189729709  
Option 3 ID : 75189729711  
Option 4 ID : 75189729712  
Status : Not Answered  
Chosen Option : --

**Q.80** Nirmal and Sushma are standing in a queue of people facing north. Nirmal is at the 20th position from the extreme left end, and Sushma is at the 10th position from the extreme right end. The positions of Nirmal and Sushma are interchanged due to some criteria based on age. If the new position of Nirmal is 30th from the extreme left end, then what is the new position of Sushma from the extreme right end?

- Ans**
- 1. 25th
  - 2. 30th
  - 3. 18th
  - 4. 20th

Question ID : 7518974908  
Option 1 ID : 75189719631  
Option 2 ID : 75189719632  
Option 3 ID : 75189719630  
Option 4 ID : 75189719629  
Status : Answered  
Chosen Option : 2

**Q.81** A concave mirror converges light rays from the sun at 10 cm from the mirror. If an object is placed 20 cm from the mirror, the image is formed:

- Ans**
- 1. 20 cm in front of the mirror
  - 2. 20 cm behind the mirror
  - 3. 10 cm in front of the mirror
  - 4. 10 cm behind the mirror

Question ID : 7518975385  
Option 1 ID : 75189721537  
Option 2 ID : 75189721538  
Option 3 ID : 75189721539  
Option 4 ID : 75189721540  
Status : Answered  
Chosen Option : 1

**Q.82** Silver chloride turns into silver and chlorine gas in the presence of ultraviolet radiation. This is an example of:

- Ans**
- 1. photolytic decomposition reaction
  - 2. double displacement reaction
  - 3. thermal decomposition reaction
  - 4. redox reaction

Question ID : 7518973428  
Option 1 ID : 75189713712  
Option 2 ID : 75189713710  
Option 3 ID : 75189713709  
Option 4 ID : 75189713711  
Status : Answered  
Chosen Option : 1

Q.83 The value of  $2 - \frac{\sin^2 \alpha}{1 - \cos \alpha} + \frac{1 - \cos \alpha}{\sin \alpha} - \frac{\sin \alpha}{1 + \cos \alpha}$  is

- Ans
- 1.  $1 - \sin \alpha$
  - 2.  $1 + \sin \alpha$
  - 3.  $1 + \cos \alpha$
  - 4.  $1 - \cos \alpha$

Question ID : 7518976383  
Option 1 ID : 75189725532  
Option 2 ID : 75189725531  
Option 3 ID : 75189725529  
Option 4 ID : 75189725530  
Status : Not Answered  
Chosen Option : --

Q.84 Nine people, 1 to 9, are sitting in a straight row, facing the north. 8 is sitting in the middle of the row and his immediate left and right neighbours are 5 and 1, respectively. 9 is sitting at one of the extreme ends and his immediate right neighbour is 2. Only five people are there between 2 and 3. 3 is sitting between 7 and 6. 1 and 7 are immediate neighbours. How many people are there between 4 and 6?

- Ans
- 1. Four
  - 2. Two
  - 3. Five
  - 4. One

Question ID : 7518977300  
Option 1 ID : 75189729200  
Option 2 ID : 75189729198  
Option 3 ID : 75189729199  
Option 4 ID : 75189729197  
Status : Answered  
Chosen Option : 3

Q.85 Which of the following numbers will replace the question mark (?) in the given series?

3, 9, 25, 53, 157, ?

- Ans
- 1. 371
  - 2. 317
  - 3. 307
  - 4. 300

Question ID : 7518977389  
Option 1 ID : 75189729556  
Option 2 ID : 75189729555  
Option 3 ID : 75189729554  
Option 4 ID : 75189729553  
Status : Answered  
Chosen Option : 2

Q.86 Formation of methyl chloride from methane and chlorine gas is which type of reaction?

- Ans
- 1. Oxidation reaction
  - 2. Addition reaction
  - 3. Substitution reaction
  - 4. Combustion reaction

Question ID : 7518973540  
Option 1 ID : 75189714158  
Option 2 ID : 75189714159  
Option 3 ID : 75189714160  
Option 4 ID : 75189714157  
Status : Answered  
Chosen Option : 4

Q.87 At what time between 2 o'clock and 3 o'clock will the hands of a clock be together?

- Ans
- 1.  $10\frac{10}{11}$  past 2
  - 2.  $11\frac{12}{11}$  past 2
  - 3.  $6\frac{5}{11}$  past 2
  - 4.  $3\frac{5}{11}$  past 2

Question ID : 7518976428  
Option 1 ID : 75189725709  
Option 2 ID : 75189725710  
Option 3 ID : 75189725711  
Option 4 ID : 75189725712  
Status : Not Answered  
Chosen Option : --

Q.88 In September 2021, which state government launched the Nirbhaya Ek Pahal scheme under Phase 3 of Mission Shakti?

- Ans
- 1. Rajasthan
  - 2. Goa
  - 3. Uttar Pradesh
  - 4. Chhattisgarh

Question ID : 7518976558  
Option 1 ID : 75189726232  
Option 2 ID : 75189726230  
Option 3 ID : 75189726231  
Option 4 ID : 75189726229  
Status : Not Answered  
Chosen Option : --

Q.89

The Secretary General of the Rajya Saba is appointed by who among the following?

Ans

✗ 1. Attorney General

✗ 2. Prime Minister

✓ 3. Chairman of Rajya Sabha

✗ 4. President

Question ID : 7518973934  
Option 1 ID : 75189715735  
Option 2 ID : 75189715736  
Option 3 ID : 75189715733  
Option 4 ID : 75189715734  
Status : Answered  
Chosen Option : 3

Q.90 As a part of policy to promote 'Sports for Unity' National Games Gujarat 2022 is proposed to have a total of how many sports?

Ans ✗ 1. 28

✓ 2. 36

✗ 3. 30

✗ 4. 32

Question ID : 7518976523  
Option 1 ID : 75189726089  
Option 2 ID : 75189726092  
Option 3 ID : 75189726090  
Option 4 ID : 75189726091  
Status : Not Answered  
Chosen Option : --



**Q.91** Given below are three statements and three conclusions. Take the statements to be true even if they are at variance with commonly known facts, and decide whether the conclusion/s follow/s the given statements.

Statements:

- I. All pen drives are hard drives.
- II. Some hard drives are chips.
- III. All chips are keyboards.

Conclusions:

- I. Some keyboards are pen drives.
- II. Some chips are pen drives.
- III. Some keyboards are hard drives.

- Ans**
- 1. Conclusions I and III follow
  - 2. Only conclusion I follows
  - 3. All the conclusions follow
  - 4. Only conclusion III follows

Question ID : 7518974936  
Option 1 ID : 75189719742  
Option 2 ID : 75189719741  
Option 3 ID : 75189719744  
Option 4 ID : 75189719743  
Status : Answered  
Chosen Option : 4

**Q.92** Which of the following statements about Classical Language is INCORRECT?

- Ans**
- 1. The classical language and literature being distinct from modern for a language to be classical.
  - 2. At least two million people must speak the language for it to be considered classical.
  - 3. High antiquity of a language's early texts over a period of 1500-2000 years for it to be considered classical.
  - 4. The literary tradition be original and not borrowed from another speech community for a language to be classical .

Question ID : 7518977189  
Option 1 ID : 75189728755  
Option 2 ID : 75189728756  
Option 3 ID : 75189728753  
Option 4 ID : 75189728754  
Status : Answered  
Chosen Option : 2

**Q.93** If Average Production is decreasing, then what will be the effect on Marginal Production?

- Ans**
- 1. It will have a positive slope
  - 2. It will be more than Average Production
  - 3. It will be less than Average Production
  - 4. It will be the same as Average Production

Question ID : 7518974241  
Option 1 ID : 75189716964  
Option 2 ID : 75189716963  
Option 3 ID : 75189716961  
Option 4 ID : 75189716962  
Status : Not Answered

**Q.94** 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	4	α	5	9	+	±	8	\$	!	3	@	6	7	2
Code	C	G	K	Q	W	R	T	V	X	D	A	E	H	G

Conditions:

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

(ii) If the first element is an EVEN number and the last, an ODD number, the first and last elements are to be coded as !

(iii) If both the third and the fourth elements are prime numbers, the fourth element is to be coded as the code for the third element and vice-versa.

Question: 8 5 2 @

- Ans**
- 1. TVKGA
  - 2. TVGKA
  - 3. AVKGT
  - 4. AVGKT

Question ID : 7518977363  
 Option 1 ID : 75189729449  
 Option 2 ID : 75189729451  
 Option 3 ID : 75189729452  
 Option 4 ID : 75189729450  
 Status : Not Answered  
 Chosen Option : --

**Q.95** Simplify  $6^2 + 3^2 + 2^4$ .

- Ans**
- 1. 61
  - 2. 52
  - 3. 45
  - 4. 63

Question ID : 7518975792  
 Option 1 ID : 75189723165  
 Option 2 ID : 75189723167  
 Option 3 ID : 75189723166  
 Option 4 ID : 75189723168  
 Status : Answered  
 Chosen Option : 1

**Q.96** Q started from a point and walked towards the south for 42 m and reached point A. Q then turned right from point A and walked 2 m, he then turned right again and walked 30 m. Q turned left now and walked 10 m, he then turned left again and walked 30 m. How far is Q from point A?

(All turns are 90 degree turns only)

- Ans**
- 1. 52 m
  - 2. 12 m
  - 3. 42 m
  - 4. 30 m

Question ID : 7518974839  
 Option 1 ID : 75189719353  
 Option 2 ID : 75189719355  
 Option 3 ID : 75189719354  
 Option 4 ID : 75189719356  
 Status : Answered

**Q.97** In a college, the Art room, the Library, the Gym, the Labs, the Storerooms, the Staffrooms and the Classrooms are there on seven different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 7. No other floors are there below the Library, and the Library is immediately below the Gym. Only two floors are there between the Gym and the Classrooms. Both the Labs and the Staffrooms are on even numbered floors. Only three floors are there between the Storerooms and the Art room. The Storerooms are immediately below the Labs. Which of the following is/are there on floor number 4?

- Ans**
- 1. Storerooms
  - 2. Staffrooms
  - 3. Art room
  - 4. Labs

Question ID : 7518977306  
Option 1 ID : 75189729222  
Option 2 ID : 75189729224  
Option 3 ID : 75189729221  
Option 4 ID : 75189729223  
Status : Answered  
Chosen Option : 4

**Q.98** Solve:  $3(5x^2 - 7) - 5(3x^2 + 2x - 7) = -16$

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



**Q.99** A statement is given followed by two arguments I and II. Read the statement and the arguments carefully and select the appropriate answer from the given options.

**Statement:**

Students have complained that questions outside the prescribed syllabus were asked in the X standard board exams this year.

**Arguments:**

- I. The pass percentage in the X standard board exams has declined by 8 percent this year.
- II. The number of students scoring over 60 percent in the X standard board exams has shown an increase of 15 percent this year.

**Ans**  1. Both arguments I and II weaken the statement

2.

Argument II weakens, while argument I strengthens the statement

3. Both arguments I and II strengthen the statement

4.

Argument I weakens, while argument II strengthens the statement

Question ID : 7518976396  
Option 1 ID : 75189725583  
Option 2 ID : 75189725582  
Option 3 ID : 75189725584  
Option 4 ID : 75189725581  
Status : Answered  
Chosen Option : 1

**Q.100** From which of the following countries has the Freedom of Trade feature been taken by the Indian Constitution?

**Ans**

1. USSR

2. Germany

3. Ireland

4. Australia