



Rrb Alp CBT - 1 Previous Year Question Paper Overview

Here, you can solve all the questions asked in Rrb Alp CBT - 1 Previous Year Question Paper on 2023-10-27 in the Morning Shift exam. The detailed solutions are also provided for every previous year question and some of these questions can be asked again in your Rrb Alp CBT - 1 exam. There are 75 questions in the exam and 60 minutes are provided for the Rrb Alp CBT - 1 exam. The Cutoff of the exam was 40 marks hence you should try to score at least 50 marks.

Rrb Alp CBT - 1 Previous Year Question Paper : Questions and Solutions

Question 1 :

In a cricket match, the scores of the players are considered such that coefficient of variation of scores is 16 and mean is 25. then the variance is:

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. 4
2. 16
3. 8
4. 12

Solution :

The correct answer is **Option 2** i.e. **16**

Formula:

Standard deviation = a = variance

$CV = \frac{a}{\text{Mean}} \times 100$

CV = Coefficient of variation = $\frac{a}{\text{Mean}}$

a = Standard deviation

Mean = Mean

Now, according to the question

$$CV = (I) \times 100$$

$$16 = (I/25) \times 100$$

$$16 = 40$$

$$= 4$$

So, = variance

$$4 = \text{variance}$$

Variance = 16

Question 2 :

Based on the given data, determine the bikes of which colours will make a total sales of 55%?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Brown, black, blue and golden
2. Brown, black, red and golden
3. Blue, green, gold, black and red
4. Green, silver, blue and red

Solution :

The correct answer is **Option 3** i.e. **Blue, green, gold, black, and red**

Bikes of which color will make a total sales of 55%

Here, we can sum up the bikes they are

$$\text{Blue} + \text{Green} + \text{Gold} + \text{Black} + \text{Red} = 12\% + 8\% + 10\% + 5\% + 20\% = 55\%$$

So, the bikes of Blue, Green, Golden, Black, and Red color will make a total sales of 55%.

Question 3 :

After 10 innings the average score per innings of a batsman was 52. After 12 innings the average rose to 54. If the batsman had scored 16 more runs in the 12th innings than in the previous one, how many runs did he score in the 11th innings?

Difficulty : Moderate

Average Time : 58 Seconds

**Options :**

1. 4
2. 16
3. 8
4. 12

Solution :

The correct answer is **Option 2** i.e. **16**.

Average = Sum of observations/Number of observations

Let the score of the batsman in the 11th innings be x

Let the score of the batsman in the 12th innings more than the previous innings be $(x + 16)$

The average score after 10 innings = $(52 \times 10) = 520$

The average score after 12 innings = $(54 \times 12) = 648$

According to the question

$$(520 + x + x + 16) = 648$$

$$(536 + 2x) = 648$$

$$2x = (648 - 536)$$

$$2x = 112$$

$$x = (112/2)$$

$$x = 56$$

Hence, He scored 56 runs in his 11th innings.

Question 4 :

A person bought an item for 1,500 and sold it at a profit of 12%. What was the selling price of the item?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Rs. 1620
2. Rs. 1680



Rs. 1800

4. Rs. 1662

Solution :

The correct answer is **Option 2** i.e. **1680**.

The price of the item = Rs.1500

Profit = 12%

$$S.P. = 1500 \times (100 + 12)/100$$

$$1500 \times 112/100$$

$$15 \times 112 = \text{Rs.1680}$$

Question 5 :

The given table represents the marks obtained by four students W, X, Y and Z in four subjects P, C, B and M, with the maximum marks in each subject being 100. The average marks of the four students in P and C together (round to one decimal) is: Stu/ Sub P C B M W 70 90 50 85 X 55 80 95 60 Y 60 20 90 40 Z 90 80 40 65

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. 68.3

2. 68.1

3. 68.2

4. 69

Solution :

The correct answer is **Option 2** i.e. **68.1**.

$$\text{Total marks in subject P} = 70 + 55 + 60 + 90 = 275$$

$$\text{Total marks in subject C} = 90 + 80 + 20 + 80 = 270$$

Average = sum of observations/Number of observations

$$\text{Average} = (275 + 270)/8 = 545/8 = 68.1$$

Question 6 :

If $\frac{3}{4}$ of the weight of a brick is $\frac{7}{8}$ kg, then $\frac{5}{7}$ of the weight of the brick will be:

**Difficulty : Moderate****Average Time : 40 Seconds****Options :**

1. $\frac{20}{21}$
2. $\frac{5}{8}$
3. $\frac{5}{6}$
4. $\frac{15}{22}$

Solution :

The correct answer is **Option 3** i.e. $\frac{5}{6}$.

Let the weight of the brick be x

$$3x/4 = 7/8$$

$$x = 7/8 \times 4/3$$

$$x = 7/6$$

$$5/7 \text{ of the brick} = 5/7 \times 7/6 = 5/6$$

Question 7 :

A pipe, working at full speed, can fill an empty cistern in 1 hour. However, during the first hour it worked at one-twelfth of its capacity, during the second hour at one-ninth of its capacity, during the third hour at one-sixth of its usual capacity, during the fourth hour at one-fourth of its usual capacity and during the fifth hour it was only one-third as efficient as it was supposed to be. A second pipe also displayed similar performance, but if it worked at full speed would have filled the empty cistern in 2 hours. Together with a drain pipe that drained water out of the tank at a constant rate, the empty cistern could be filled in 5 hours, all the three pipes working concurrently. How many hours will it take the drain pipe to empty the filled cistern if no other pipe was functioning during the time?

Difficulty : Moderate**Average Time : 80 Seconds****Options :**

1. 10
2. 12
3. 16
4. 15

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**Solution :**

The correct answer is **Option 2** i.e. **12**

Let the total work be $36x$ units

So, efficiency of Pipe 1 = $36x/1 = 36x$ units/h

Efficiency of pipe 2 = $36x/2 = 18x$ units/h

Let the efficiency of draining pipe be y

According to the question,

$$36x \times (1/12) + 36x \times (1/9) + 36x \times (1/6) + 36x \times (1/4) + 36x \times (1/3) + 18x \times (1/12) + 18x \times (1/9) + 18x \times (1/6) + 18x \times (1/4) + 18x \times (1/3) - 5y = 36x$$

$$3x + 4x + 6x + 9x + 12x + 1.5x + 2x + 3x + 4.5x + 6x - 5y = 36x$$

$$51x - 5y = 36x$$

$$15x = 5y$$

$$y = 3x$$

So, the efficiency of the draining pipe is $3x$

So, required time = $36x/3x = 12$ hours

Question 8 :

The LCM of the three numbers 16, 28 and 42 is:

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. 2
2. 168
3. 252
4. 336

Solution :

The correct answer is **Option 4** i.e. **336**.

L.C.M = least common multiple

Factors of 16 = $2 \times 2 \times 2 \times 2$



Factors of 28 = $2 \times 2 \times 7$

Factors of 42 = $2 \times 3 \times 7$

L.C.M of 16, 28, and 42 = $2 \times 2 \times 2 \times 2 \times 7 \times 3 = 336$

Question 9 :

Sales of Bikes in India as per the colour in 2009. Based on the Given Data, determine the bikes of which colours will make a total source of 55%.

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Brown, Black, Blue and Golden
2. Brown, Black, red and Golden
3. Blue, Green, Gold, Black and Red
4. Green, Silver, Blue and Red

Solution :

The correct answer is **Option 3** i.e. **Blue, Green, Gold, Black and Red**

Adithya got 78% marks in the examination

He secured 663 marks

It means that

$$78\% = 663$$

By unitary method

$$78\% = 663 \times 100\%$$

$$663 \times 100\% / 78\%$$

$$850$$

Question 10 :

Adithya got 78% marks in the examination. If he secured 663 marks, find the maximum marks.

Difficulty : Moderate

Average Time : 47 Seconds

Options :



700

2. 800

3. 750

4. 850

Solution :

The correct answer is **Option 4** i.e. **850**.

Adithya got 78% marks in the examination

He secured 663 marks

So,

$$78\% = 663$$

By unitary method

$$663 \times 100\% / 78\% = 850$$

Thus, the maximum marks are 850

Question 11 :

The HCF of 20, 28 and 48 is:

Difficulty : Moderate

Average Time : 37 Seconds

Options :

1. 2

2. 8

3. 1

4. 4

Solution :

The correct answer is **Option 4** i.e. **4**

H.C.F= Highest common factor

Factors of 20 = $2 \times 2 \times 5$

Factors of 28 = $2 \times 2 \times 7$



Factors of 48 = $2 \times 2 \times 2 \times 3 \times 2$

H.C.F(20, 28, and 48) = $2 \times 2 = 4$

Question 12 :

A fraction, when taken away from $(\frac{1}{3})$ gives $(\frac{1}{12})$. The fraction is:

Difficulty : Moderate

Average Time : 42 Seconds

Options :

1. $(\frac{3}{4})$
2. $(\frac{1}{4})$
3. $(\frac{5}{12})$
4. $(\frac{1}{9})$

Solution :

The correct answer is **Option 2** i.e. $(\frac{1}{4})$

Let the taken fraction be x

$$\frac{1}{3} - x = \frac{1}{12}$$

$$x = \frac{1}{3} - \frac{1}{12}$$

$$x = \frac{4 - 1}{12}$$

$$x = \frac{3}{12}$$

$$x = \frac{1}{4}$$

Question 13 :

The square root of 5776 is:

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 84
2. 66
3. 76
4. 64

**Solution :**

The correct answer is **Option 3** i.e. **76**

Value of 5776 = $2 \times 2 \times 2 \times 2 \times 19 \times 19$

$$2 \times 2 \times 19 = 4 \times 19 = 76$$

Question 14 :

30% of a number is 33. What is the number?

Difficulty : Moderate

Average Time : 34 Seconds

Options :

1. 105
2. 120
3. 110
4. 115

Solution :

The correct answer is **Option 3** i.e. **110**

$$30\% = 33$$

By unitary method

$$30\% = 33 \times 100\%$$

$$33 \times 100\% / 30\%$$

$$110$$

Comprehension :

The given chart represents the sales of different companies in the year 1999 and 1998.

Question 15 :

If the total sales in 1998 was 7890, which increased by 16.5% in 1999, then the total sales in the year 1999 is approximately _____.

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. 9119



9911

3. 1919

4. 9191

Solution :

The correct answer is **Option 4** i.e. **9191**

The total sales in 1998 was 7890

Sales increased by 16.5% in 1999

Thus,

Total sales in 1999 = $7890 \times (100 + 16.5)/100$

$$7890 \times 116.5/100 = 9191$$

Question 16 :

The angle of elevation of the top of a hill at the foot of the tower is 60° and the angle of elevation of the top of the tower from the foot of the hill is 30° . If the tower is 50m high, what is the height of the hill?

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 180m

2. 120m

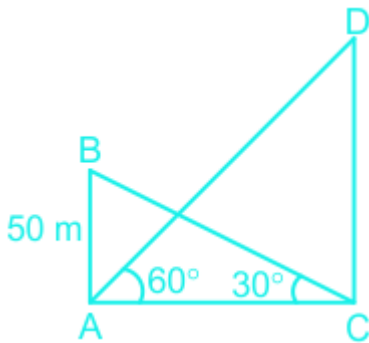
3. 100m

4. 150m

Solution :

The correct answer is **Option 4** i.e. **150m**

Let the tower be AB and hill be CD



In $\triangle BAC$, we have

$$\cot 30 = AC/AB$$

$$3 = AC/50$$

$$AC = 50 \times 3$$

In $\triangle ACD$ we have,

$$\tan 60 = CD/AC$$

$$3 = x/50 \times 3$$

$$x = 150 \text{ m}$$

$$CD = x = 150 \text{ m}$$

Question 17 :

What is the time taken by a 180 m long train running at 54 km/h to cross a man standing on a platform?

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. 12 sec
2. 10 sec
3. 13 sec
4. 11 sec

Solution :

The correct answer is **Option 1** i.e. **12 sec**.

$$\text{Time} = \text{Distance}/\text{Speed}$$

$$\text{Speed} = 54 \times \frac{5}{18} = 15 \text{ m/sec}$$

$$\text{Time} = 180/15 = 12 \text{ seconds}$$

Question 18 :

One of the roots of the equation $x^2 - 4x + k = 0$ is $x = 3$. The other root is:

Difficulty : Moderate**Average Time : 38 Seconds****Options :**

1. $x = -1$
2. $x = -4$
3. $x = 4$
4. $x = 1$

Solution :

The correct answer is **Option 4** i.e. $x = 1$

Put $x = 3$ in the given equation

$$x^2 - 4x + k = 0$$

$$(3)^2 - 4 \times 3 + k = 0$$

$$9 - 12 + k = 0$$

$$-3 + k = 0$$

$$k = 3$$

On putting the value of k in the given equation

$$x^2 - 4x + 3 = 0$$

$$x^2 - 3x - x + 3 = 0$$

$$x(x - 3) - 1(x - 3) = 0$$

$$(x - 1)(x - 3) = 0$$

$$x = 1 \text{ and } 3$$

Question 19 :

Thirty men can do a piece of work in 16 days working 8 hrs a day. How many men are needed to complete another work, which is twice the first one, in 10 days working 12 hrs a day? The following are the steps involved in solving the above



problem. Arrange them in sequential order.

Difficulty : Moderate

Average Time : 66 Seconds

Options :

1. ACBD
2. ABCD
3. BACD
4. CBAD

Solution :

The correct answer is **Option 4** i.e. **CBAD**.

The following steps will be taken to solve the question

C. $(M_1 \times D_1 \times H_1)/W_1 = (M_2 \times D_2 \times H_2)/W_2$

B. $(30 \times 16 \times 8)/x = (M_2 \times 12 \times 10)/2x$

A. $M_2 = (30 \times 16 \times 8 \times 2x)/(x \times 12 \times 10)$

D. $M_2 = 64$

Thus, the sequence will be CBAD

Question 20 :

Which of the following numbers is not composite?

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. 203
2. 109
3. 209
4. 161

Solution :

The correct answer is **Option 2** i.e. **109**

Composite numbers:- a natural number or a positive integer which has more than two factors



1. $203 = 1 \times 7 \times 29 \times 203$

2. $109 = 1 \times 109$

3. $209 = 1 \times 11 \times 19 \times 209$

4. $161 = 2 \times 7 \times 23 \times 161$

Hence, only 109 is not a composite number

Question 21 :

In a bag the ratio of red balls to green balls is 4: 9. If 6 more green balls were added to the bag, the ratio of red balls to green balls would become 1 : 3. How many red balls are there in the bag?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. 8

2. 9

3. 12

4. 10

Solution :

The correct answer is **Option 1** i.e. **8**.

According to the question

$$4x/(9x + 6) = 1/3$$

$$4x \times 3 = 9x + 6$$

$$12x = 9x + 6$$

$$3x = 6$$

$$x = 2$$

$$\text{Number of red balls} = 4x = 4 \times 2 = 8$$

Question 22 :

Consider the given statement and decide which of the given assumptions is (are) implicit. Statement: During an election, the opposition party said, "look at the price rise in the last five years". Assumptions: 1. This time, give a chance to our party for power. 2. Prices will still rise if you choose the same party to be in power.

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Only assumption 1 is implicit.
2. Only assumption 2 is implicit.
3. Both 1 and 2 are implicit.
4. Neither 1 nor is 2 implicit.

Solution :

The correct answer is **Option 3** i.e. **Both 1 and 2 are implicit**

- Both assumptions 1 and 2 are implicit.
- **Assumption 1** suggests that the opposition party believes they can address the issue if given power.
- **Assumption 2** implies a lack of confidence in the current party's ability to control price rises.

Hence, the correct answer is **Both 1 and 2 are implicit.**

Question 23 :

Select the option that will fit in the blank space in the given figure series.

Difficulty : Moderate

Average Time : 55 Seconds

Options :

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

Solution :

The correct answer is **Option 1**



- The pattern in the box is turning 90 degrees clockwise in each step.

Hence, the correct answer is **option 1**.

Question 24 :

Select the related word from the given alternatives: Transport : Goods :: Banks :

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. Pounds
2. Money
3. Rupees
4. Dollar

Solution :

The correct answer is **Option 2** i.e. **Money**

- The relationship between "**Transport**" and "**Goods**" is that transport is the means by which goods are moved or transported from one place to another.
- Similarly, the relationship between "**Banks**" and "**Money**" is that bank is the place where money is stored, managed, and transacted.

Hence, the correct answer is **Money**.

Question 25 :

Some books are arranged one above the other. If a book is at 18th position from top and 5th position from bottom then the total number of books is:

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. 21
2. 20



22

4. 23

Solution :

The correct answer is **Option 3** i.e. **22**

- The total number of books can be calculated by adding the positions from the top and bottom and subtracting 1 (as the common book is counted twice).
- $18 + 5 - 1 = 22$
- So, the total number of books is 22.

Hence, the correct answer is **22**.

Question 26 :

Consider the given statements to be true and decide which of the conclusions logically follow(s) from the statements. Statements: There is an increase in the price of essential commodities due to a strike by the transporters. Conclusions: 1. Government should buy their own vehicles to transport the essential goods. 2. Government should negotiate with transporters to withdraw the strike.

Difficulty : Moderate**Average Time : 59 Seconds****Options :**

1. Both 1 and 2 follow.
2. Only conclusion 1 follows.
3. Neither 1 nor 2 follows.
4. Only conclusion 2 follows.

Solution :

The correct answer is **Option 4** i.e. **Only conclusion 2 follows**

- **Conclusion 1** doesn't directly address the problem of the strike causing price increases, so it doesn't follow.
- **Conclusion 2**, suggesting negotiation with the transporters, directly tackles the issue, so it does follow.

Hence, the correct answer is **Only conclusion 2 follows**.

Question 27 :

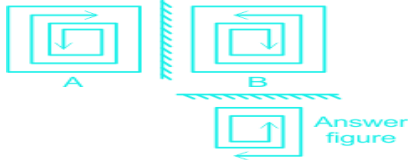
Select the option that depicts the following transparent sheet (Problem Figure) when folded at the dotted line shown.

Difficulty : Moderate**Average Time : 51 Seconds****Options :**

1. D
2. C
3. A
4. B

Solution :The correct answer is **Option 1** i.e. **D**

- D is the correct representation of the paper when folded, as the pattern on the right side overlaps that on the left.

Hence, the correct answer is **D**.**Question 28 :**

What day would it be on 15th March 2020?

Difficulty : Moderate**Average Time : 46 Seconds****Options :**

1. Saturday
2. Monday
3. Sunday
4. Tuesday

Solution :The correct answer is **Option 3** i.e. **Sunday**

- Odd days for 2000 years= 0
- Odd days for 19 years= (4 leap years+ 15 normal years)
= $4*2 + 15*1 = 23 = 2$ odd days.
- January to March = $31+ 29+ 15= 75= 5$ odd days
- Total odd days= $2+5 = 7 = 0$ odd days.

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So, given day is Sunday.

Hence, the correct answer is **Sunday**.

Question 29 :

According to the given Venn diagram, the total number of students who play cricket as well as football and also all the 3 games is:

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. S
2. S + Q
3. S + V
4. Q + V

Solution :

The correct answer is **Option 3** i.e. **S + V**

- V is the area that represents the students who play both cricket and football.
- S represents the students who play all the three games.
- **So, the required answer is S+V.**

Hence, the correct answer is **S + V**.

Question 30 :

In the below series how many numbers are completely divisible by the number on right? 563248889266588343

Difficulty : Moderate

Average Time : 48 Seconds

Options :

1. 5
2. 4
3. 6
4. 3

Solution :

The correct answer is **Option 1** i.e. **5**



There are 5 numbers which are completely divisible by the number on the right.

- The numbers are shown in bold:

563248889266588343

Hence, the correct answer is **5**.

Question 31 :

In the following series, one letter is missing as shown by the question mark (?). Select the missing letter from the given options. E, J, O, T, ?

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. W
2. X
3. Y
4. Z

Solution :

The correct answer is **Option 3** i.e. Y

- The given series is following this logic

$$E+5=J$$

$$J+5=O$$

$$O+5=T$$

$$T+5=Y$$

- So, the next term in the series would be Y.

Hence, the correct answer is Y.

Question 32 :

Select the option that depicts the correct mirror image for the given word.

Difficulty : Moderate

Average Time : 46 Seconds

Options :

1. SMILE 
2. SMILE 



SMILEEJIM2

4. SMILEEJIM2

Solution :

The correct answer is **option 4** i.e.

- For mirror image, the left side of the original image becomes right of the mirror image, and vice versa.
- The required mirror image will be

SMILEEJIM2

Question 33 :

The given symbol stands for a/an _____ in an electric circuit.

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. plug key
2. electric bulb
3. resistor
4. battery

Solution :

The correct answer is **option 2** i.e. **electric bulb**.

- Electric bulb is represented by a **circle having a semi-circle like shape inside it**.
- The other options have different symbols.

Question 34 :

In a certain code, if MIZZLY is written as ZIMYLZ and PUZZLE is written as ZUPELZ, then what will BUZZWORD be written as in the same code?

Difficulty : Moderate

Average Time : 44 Seconds

Options :

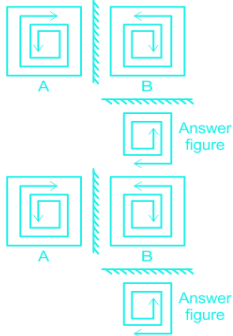
1. ZZUBDROW
2. BUZZDROW
3. DROWZZUB

WORDBUZZ

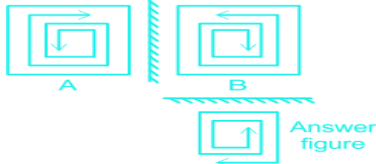
Solution :

The correct answer is **Option 1** i.e. **ZZUBDROW**

- The logic for the code is given below



- Using this logic, the answer will be as follows



Hence, the correct answer is **ZZUBDROW**.

Question 35 :

Choose the correct picture which follows:

Difficulty : Moderate

Average Time : 56 Seconds

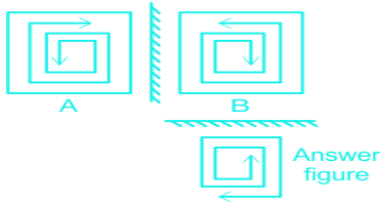
Options :

- C
- B
- D
- A

Solution :

The correct answer is **Option 1** i.e. **C**

- The figures in the given pattern(top two figures) are mirror images of each other.
- So, the answer figure would be the mirror image of the given figure:



Hence, the correct answer is **C**.

Question 36 :

Consider the given statements as true and decide which of the given conclusions can definitely be drawn from the given statements. Statement: All studious students pass in exams. All studious students sleep well. Conclusions: 1. All who sleep well are studious students. 2. All who pass in exams sleep well.

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Neither 1 nor 2 follows.
2. Only conclusion 2 follows.
3. Both 1 and 2 follow.
4. Only conclusion 1 follows.

Solution :

The correct answer is **Option 1** i.e. **Neither 1 nor 2 follows**

- **Conclusion 1** cannot be drawn because the statements only mention that studious students sleep well, but it does not necessarily mean that all those who sleep well are studious students.
- There could be other reasons for someone to sleep well besides being studious.
- **Conclusion 2** also cannot be drawn because while the statements state that all studious students pass exams and sleep well, it does not mean that all those who pass exams necessarily sleep well.
- There could be non-studious students who still manage to pass exams.

Hence, the correct answer is **Neither 1 nor 2 follows**.

Question 37 :

Select the odd character out of the following series.

Difficulty : Moderate

Average Time : 66 Seconds

**Options :**

1. 4

2. 1

3. 3

4. 2

Solution :

The correct answer is **Option 1** i.e. **4**

- The 4th character is T, which is a consonant, all others are vowels.

Hence, the correct answer is **4**.

Question 38 :

If the letters in the word 'UNIVERSAL' are arranged in the alphabetic order and each letter in the order is assigned a numerical value of 1, 2, 3... according to their position from the left, then the sum of the numerical values of the position of the consonants will be:

Difficulty : Moderate**Average Time : 47 Seconds****Options :**

1. 31

2. 28

3. 30

4. 32

Solution :

The correct answer is **Option 1** i.e. **31**

- Arranging the letters alphabetically and assigning 1, 2, 3... based on their positions from left

A E I L N R S U V**1 2 3 4 5 6 7 8 9**

- Sum of the numerical values of the consonants

$$4+5+6+7+9 = 31$$

Hence, the correct answer is **31**.

Question 39 :

Complete the series given in the Problem Figure with an appropriate option from the Answer Figures.

Difficulty : Moderate

Average Time : 45 Seconds

Options :

1. A
2. C
3. B
4. D

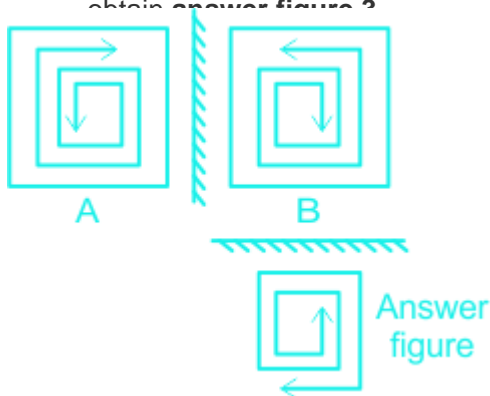
Solution :

The correct answer is **Option 2** i.e. **C**

- In the first two problem figures, the following pattern is followed:

1. **Mirror Image**
2. **Water Image**

- Repeating the pattern of creating a mirror image and then it's water image with the given problem figure, we will obtain answer figure 2



Hence, the correct answer is **C**.

Question 40 :

Read the given question and decide which of the following arguments is/are strong. Are stock markets sources of wealth creation? Arguments: 1. Yes, money multiplies in stock markets. 2. No, investments in stock markets are subjected to market risk.

Difficulty : Moderate

Average Time : 64 Seconds

Options :



Only argument 1 is strong.

2. Both arguments 1 and 2 are strong.

3. Neither argument 1 nor 2 is strong.

4. Only argument 2 is strong.

Solution :

The correct answer is **Option 4** i.e. **Only argument 2 is strong**

- **Argument 2** is strong because it acknowledges the market risk associated with investing in stock markets, which is an important consideration for investors.
- **Argument 1** only focusses on the potential for multiplication of money without addressing the associated risks.

Hence, the correct answer is **Only argument 2 is strong**.

Question 41 :

1st January 2018 was a Monday. Which of the following years will also start on a Monday?

Difficulty : Moderate

Average Time : 54 Seconds

Options :

1. 2022
2. 2023
3. 2020
4. 2024

Solution :

The correct answer is **Option 4** i.e. **2024**

- For repeating the same day on the same date, the number of odd days between the years should be 7. Let us explain this:
- Number of odd days in 2018= 1
- Number of odd days in 2019= 1
- Number of odd days in 2020= 2
- Number of odd days in 2021= 1
- Number of odd days in 2022= 1
- Number of odd days in 2023= 1
- $1+1+2+1+1+1=7$



Hence, the correct answer is **2024**.

Question 42 :

Select the odd one out of the given series. Tortoise, Crab, Frog, Fish

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Fish
2. Frog
3. Crab
4. Tortoise

Solution :

The correct answer is **Option 1** i.e. **Fish**

- **Fish is the odd one as it is one of the 5 main vertebrate groups (fishes, amphibians, reptiles, birds, mammals).**
- Tortoise, crab and frog are different animals and not any group.

Hence, the correct answer is **Fish**.

Question 43 :

Select the odd figure out of the given series.

Difficulty : Moderate

Average Time : 44 Seconds

Options :

1. 4
2. 5
3. 3
4. 2

Solution :

The correct answer is **Option 2** i.e. **5**

- Every figure except 5 contains a **curved side**.
- So, 5 is the odd figure.

Hence, the correct answer is 5.

Question 44 :

How many triangles are present in the below figure?

Difficulty : Moderate

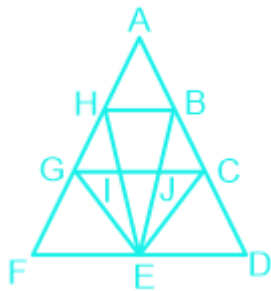
Average Time : 38 Seconds

Options :

1. 18
2. 17
3. 19
4. 16

Solution :

The correct answer is **Option 1** i.e. **18**



- The triangles in the given figure are **AFD, AHB, AGC, EBH, EGC, EFG, ECD, EIJ, GIE, GJE, CJE, CIE, HFE, BED, GHI, BCJ, ECB, EGH.**
- **Total triangles are 18.**

Hence, the correct answer is **18**.

Question 45 :

Consider the given question and decide which of the following statements is sufficient to answer the question. What is the colour of the granite in the kitchen? Statements: 1. The colour of the granite is the colour of the wall. 2. The colour of the granite is very bright.

Difficulty : Moderate

Average Time : 58 Seconds

Options :

1. **2 alone is sufficient while 1 alone is not sufficient to answer the given question.**



Both 1 and 2 are sufficient to answer the given question.

3. 1 alone is sufficient while 2 alone is not sufficient to answer the given question.

4. Neither 1 nor 2 is sufficient to answer the given question.

Solution :

The correct answer is **Option 4** i.e. **Neither 1 nor 2 is sufficient to answer the given question**

- **Statement 1** only relates the granite's color to the color of the wall, which could vary.
- **Statement 2** mentions the brightness of the granite but doesn't specify its color.

Hence, the correct answer is **Neither 1 nor 2 is sufficient to answer the given question.**

Question 46 :

'Car' is related to 'Garage' in the same way as 'Hen' is related to

Difficulty : Moderate

Average Time : 64 Seconds

Options :

1. Kennel
2. Coop
3. Stable
4. Shed

Solution :

The correct answer is **Option 2** i.e. **Coop**

- The relationship between "car" and "garage" is that a car is parked or stored in a garage.
- Similarly, the relationship between "hen" and "coop" is that a hen is kept or housed in a coop.
- Hence, the correct answer is **Coop**.

Question 47 :

Which Indian industrialist was recently elected as the Chairman of the International Chamber of Commerce (ICC)?

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Mukesh Ambani
2. Lakshmi Mittal



Anil Ambani

4. Sunil Mittal

Solution :

The correct answer is **option 4** i.e. **Sunil Mittal**.

- Sunil Mittal was recently elected as the Chairman of the International Chamber of Commerce (ICC).
- He is the founder and Chairman of Bharti Airtel Enterprises. He was awarded the Padma Bhushan in 2007.
- He is the third Indian business leader to hold this position in ICC's near 100 years history.

Question 48 :

As of February 2018, who is the Chief Minister of Kerala ?

Difficulty : Moderate

Average Time : 47 Seconds

Options :

1. Pinarayi Vijayan
2. Oommen Chandy
3. AK Antony
4. VS Achuthanandan

Solution :

The correct answer is **option 1** i.e. **Pinarayi Vijayan**.

- As of February 2018, Pinarayi Vijayan is the Chief Minister of Kerala since 26 May 2016.
- **Additional Information:**
 - **Oommen Chandy:** He was the former Chief Minister of Kerala from 2004 to 2006.
 - **AK Antony:** He served as Defence Minister of India and has also been three times as Chief Minister of the state of Kerala.
 - **VS Achuthanandan:** He was the former Chief Minister of Kerala from 2006-2011

Question 49 :

When was India's capital shifted from Calcutta to Delhi?

Difficulty : Moderate

Average Time : 55 Seconds

Options :



1912

2. 1905

3. 1910

4. 1911

Solution :

The correct answer is **option 4** i.e. **1911**.

- The announcement of the shift was made during the Delhi Durbar of 1911, and the capital was officially transferred to New Delhi, 1912. The decision to move the capital was made for various reasons, including strategic, symbolic, and administrative considerations.

Question 50 :

Where was the 2017 World Rapid Fire Chess Championship played, in which Viswanathan Anand regained his title?

Difficulty : Moderate

Average Time : 43 Seconds

Options :

1. Chennai
2. Oslo
3. Dubai
4. Riyadh

Solution :

The correct answer is **option 4** i.e. **Riyadh**.

- The 2017 World Rapid Chess Championship, where Viswanathan Anand regained his title, was held in Riyadh, Saudi Arabia. Anand emerged as the champion in the rapid format of the chess championship, showcasing his skills in fast-paced chess games.
- The winners of the 2017 World Rapid Chess Championship were GM Viswanathan Anand's fellow competitors, Vladimir Fedoseev and Daniil Dubov, who both finished with the same number of points.

Question 51 :

Who is the author of the Indian English Novel 'Sita: Warrior of Mithila' published in 2017?

Difficulty : Moderate

Average Time : 51 Seconds

Options :



Amish Tripathi

2. Rahul Mehta
3. Chetan Bhagat
4. Robin Sharma

Solution :

The correct answer is **option 1** i.e. **Amish Tripathi**.

- "Sita: Warrior of Mithila" is a novel written by Indian author Amish Tripathi. The book, published in 2017, is part of the Ram Chandra Series and presents a reimagined and mythological version of the character Sita from the Indian epic, Ramayana.
- Amish Tripathi is known for his works in the mythological fiction genre, combining history, mythology, and storytelling in a unique and captivating manner.

Question 52 :

Which one of the following female athletes is not a squash player?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. Koneru Humpy
2. Joshna Chinnappa
3. Dipika Pallikal
4. Anaka Alankamony

Solution :

The correct answer is **option 1** i.e. **Koneru Humpy**.

- Koneru Humpy is a renowned Indian chess player, not a squash player. Therefore, among the listed options, Koneru Humpy is the athlete who is not a squash player.
- **Additional Information:**
 - **Koneru Humpy:** She is a prominent Indian chess player. Chess is a strategic board game, not related to squash.
 - **Joshna Chinnappa:** She is a professional squash player from India.
 - **Dipika Pallikal:** She is also a professional squash player from India.
 - **Anaka Alankamony:** She is a squash player as well.

Question 53 :



What is the full form of GST?

Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. Grand Sales Tax
2. Goods Sales Tax
3. General Sales Tax
4. Good and Services Tax

Solution :

The correct answer is **option 4** i.e. **Good and Services Tax**.

- GST stands for Goods and Services Tax. It is a comprehensive indirect tax levied on the supply of goods and services in India. GST has replaced various indirect taxes that were previously in place, streamlining the taxation system and aiming to create a unified market. The introduction of GST took place on July 1, 2017, in India.

Question 54 :

Who is the director of the film 'Poorna', which depicts the story of Poorna Malavath, the youngest girl to climb Mount Everest?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Rahul Bose
2. Anurag Kashyap
3. Gautham Vasudeva Menon
4. Ayan Mukherjee

Solution :

The correct answer is **option 1** i.e. **Rahul Bose**.

- The film "Poorna," which depicts the inspiring story of Poorna Malavath, the youngest girl to climb Mount Everest, was directed by Rahul Bose. In addition to directing the film, Rahul Bose also played a role in it. "Poorna" was released in 2017 and received positive reviews for its portrayal of the remarkable achievement of Poorna Malavath.

Question 55 :

'Freedom Trail' is a 2.5 mile long passage that offers a rich insight into the American Revolution. In which US city would



you find this famous and historic trail?

Difficulty : Moderate

Average Time : 53 Seconds

Options :

1. Denver
2. Connecticut
3. Memphis
4. Boston

Solution :

The correct answer is **option 4** i.e. **Boston**.

- The "Freedom Trail" is located in Boston, Massachusetts, USA. It is a 2.5-mile-long trail that passes by 16 historically significant sites related to the American Revolution.
- The trail takes visitors to landmarks such as the Massachusetts State House, Paul Revere's House, the Old North Church, and the site of the Boston Massacre, providing a rich insight into the history of the United States during the revolutionary period.

Question 56 :

Which is the first metallic element in the Modern Periodic Table?

Difficulty : Moderate

Average Time : 51 Seconds

Options :

1. He
2. H₂
3. Na
4. Li

Solution :

The correct answer is **option 4** i.e. **Li**.

- The first metallic element in the Modern Periodic Table is lithium (Li). It is an alkali metal and is placed in Group 1 of the periodic table.
- Lithium is found in the first column of the periodic table, which is known as Group 1 or the alkali metals group.
- Lithium exhibits typical metallic properties. Metals generally have characteristics like conductivity of heat and electricity, malleability, ductility, and a shiny appearance.



The atomic number of an element corresponds to the number of protons in its nucleus. For lithium, the atomic number is 3.

Question 57 :

Energy possessed by an object by its position or configuration is called:

Difficulty : Moderate

Average Time : 57 Seconds

Options :

1. Potential energy
2. Kinetic energy
3. Electrical energy
4. Nuclear energy

Solution :

The correct answer is **option 1** i.e. **Potential energy**.

- The energy possessed by an object due to its position or configuration is called potential energy. Potential energy is stored energy that an object has based on its position, shape, or state.
- There are various forms of potential energy, such as gravitational potential energy, elastic potential energy, and chemical potential energy, depending on the specific factors contributing to the energy storage.
- **Kinetic energy** is the energy possessed by an object due to its motion. The kinetic energy of an object depends on both its mass and its velocity.
- **Electrical energy** is a form of energy associated with the movement of electric charge. It is the energy that is carried by electric currents in conductors, such as wires.
- **Nuclear energy** is a form of energy that is released during nuclear reactions, either through nuclear fission or nuclear fusion processes.

Question 58 :

Which of the following is NOT a characteristic of dicotyledons plants?

Difficulty : Moderate

Average Time : 73 Seconds

Options :

1. These plants have 2 cotyledons
2. These plants have fibrous roots
3. These plants have reticulate venation



These plants have a tap root

Solution :

The correct answer is **option 2** i.e. **These plants have fibrous roots.**

- The characteristic that is NOT associated with dicotyledonous plants among the given options is "These plants have fibrous roots."
- The presence of a taproot is a common characteristic of dicotyledonous plants. A taproot system is where the primary root grows longer and thicker than the secondary roots.
- On the other hand, fibrous roots are more characteristic of monocotyledonous plants. Monocots generally have a fibrous root system, where numerous thin roots emerge from the base of the stem, and there is no dominant taproot.
- So, "These plants have fibrous roots" is the statement that does not align with the typical characteristics of dicotyledonous plants.

Question 59 :

A lemon kept in water in a glass tumbler appears to be bigger than its actual size when viewed from the sides. This is because of:

Difficulty : Moderate

Average Time : 71 Seconds

Options :

1. diffraction of light
2. internal reflection of light
3. refraction of light
4. reflection of light

Solution :

The correct answer is **option 3** i.e. **refraction of light.**

- The phenomenon you're describing is known as refraction. When light passes from one medium to another with a different optical density, such as from air to water, it changes its speed and direction.
- This change in speed and direction can cause the apparent size and position of an object to shift when viewed through the medium.
- In the case of a lemon in a glass of water, the light travels through the air, then through the water, and finally back into the air before reaching your eyes.

Question 60 :

Plasma is formed in the stars because of very:



Difficulty : Moderate

Average Time : 59 Seconds

Options :

1. low pressure
2. high temperature
3. high pressure
4. low temperature

Solution :

The correct answer is **option 2** i.e. **high temperature**.

- Plasma is formed in stars because of very high temperatures and pressures. Stars are composed mostly of hydrogen and helium, and in their cores, the temperatures and pressures are so extreme that they cause nuclear fusion reactions. These reactions convert hydrogen into helium, releasing an enormous amount of energy in the process.
- At such high temperatures, the atoms are stripped of their electrons, resulting in a state of matter known as plasma. Plasma is the fourth state of matter, distinct from solids, liquids, and gases.

Question 61 :

Biogas is produced from biomass by:

Difficulty : Moderate

Average Time : 55 Seconds

Options :

1. destructive distillation
2. anaerobic fermentation
3. fractional distillation
4. dry distillation

Solution :

The correct answer is **option 2** i.e. **anaerobic fermentation**.

- Biogas is produced from biomass through a process called anaerobic digestion. Anaerobic digestion is a biological process that occurs in the absence of oxygen, where microorganisms break down organic matter (biomass) into biogas.
- The primary components of biogas are methane (CH_4) and carbon dioxide (CO_2), along with trace amounts of other gases.

**Question 62 :**

Which of the following causes damage to bridges, iron railings and all objects made of metals?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. Corrosion
2. Rancidity
3. Acidity
4. Reduction

Solution :

The correct answer is **Option 1** i.e. **Corrosion**.

- Corrosion is a process that causes damage to bridges, iron railings, and other objects made of metals. Corrosion is a natural electrochemical reaction that occurs when metals react with environmental factors, such as moisture and oxygen. In the case of iron and steel, the most common form of corrosion is rusting.
- Rusting involves the oxidation of iron or steel in the presence of oxygen and water. The result is the formation of iron oxide, commonly known as rust, which is a reddish-brown substance.

Question 63 :

The embryo gets nutrition from the mother's blood with the help of a special tissue called:

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Placenta
2. Uterus
3. Fallopian tube
4. Cervix

Solution :

The correct answer is **option 1** i.e. **Placenta**.

- The embryo gets nutrition from the mother's blood with the help of a special tissue called the "placenta." The placenta is a temporary organ that develops during pregnancy and serves as a crucial interface between the mother and the developing embryo or fetus.
- It facilitates the exchange of nutrients, gases, and waste products between the mother's bloodstream and that of the



developing fetus.

- The placenta attaches to the uterine wall and is connected to the fetus through the umbilical cord.

Question 64 :

Name the reddish brown gas evolved when Lead Nitrate is heated strongly.

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. Nitrogen di Oxide
2. Nitrogen pentoxide
3. Di Nitrogen Oxide
4. Nitric Oxide

Solution :

The correct answer is **option 1** i.e. **Nitrogen di Oxide**.

- Nitrogen dioxide is the reddish-brown gas. When lead nitrate ($\text{Pb}(\text{NO}_3)_2$) is heated strongly, it undergoes thermal decomposition, and one of the products released is nitrogen dioxide gas (NO_2).
- The reddish-brown color of nitrogen dioxide is a result of electronic transitions involving the absorption and reflection of specific wavelengths of light due to the presence of unpaired electrons in its molecular structure.

Question 65 :

A rocket is launched to travel vertically upward with a constant velocity of 20 m/s. After travelling for 35 seconds, the rocket develops a snag and its fuel supply is cut off. The rocket then travels like a free body. The height achieved by it is:

Difficulty : Moderate

Average Time : 62 Seconds

Options :

1. 700 m
2. 800 m
3. 680 m
4. 720 m

Solution :



The correct answer is **option 4** i.e. **720 m**.

$$S = ut + \frac{1}{2}at^2$$

Where u = initial velocity = 20 m/s (Constant Velocity)

$$t = 35 \text{ seconds}$$

S = displacement

Acceleration = $a = 0$ (because of Constant Velocity)

$$S = 20 \times 35 = 700 \text{ m}$$

Now,

$$v^2 = u^2 - 2gs$$

$g = 10$ (Gravitational acceleration)

$$v = 0$$

$$0 = 20^2 - 2 \times 10s$$

$$s = 20$$

So, Total height = $700 + 20 = 720 \text{ m}$

Question 66 :

If the kinetic energy of a body becomes 256 times its initial value, then the new linear momentum will be:

Difficulty : Moderate

Average Time : 56 Seconds

Options :

1. the same as the initial value
2. 8 times the initial value
3. 16 times the initial value
4. 32 times the initial value

Solution :

The correct answer is **option 3** i.e. **16 times the initial value**.

$$Ke = \frac{1}{2}mv^2$$

Ke = the kinetic energy



m = the mass of the body

v = the velocity of the body

The linear momentum (p) of the body is given by:

$$p = m.v$$

Now, if the kinetic energy becomes 256 times its initial value, we can express this as:

$$\text{New Ke} = 256 \times \text{Initial Ke}$$

$$\left(\frac{1}{2}\right)m(v_{\text{new}})^2 = \left(\frac{1}{2}\right)m(v_{\text{initial}})^2$$

$$\left(\frac{1}{2}\right)m(v_{\text{new}})^2 = 256 \times \left(\frac{1}{2}\right)m(v_{\text{initial}})^2$$

$$v_{\text{new}} = 16 v_{\text{initial}}$$

So, the new velocity (v_{new}) is 16 times the initial velocity (v_{initial})

now, the new linear momentum

$$p_{\text{new}} = mv_{\text{new}}$$

$$p_{\text{new}} = m \times 16 v_{\text{initial}}$$

$$p_{\text{new}} = 16(mv_{\text{initial}})$$

$$p_{\text{new}} = 16p_{\text{initial}}$$

So, the new linear momentum will be 16 times the initial value.

Question 67 :

Which component of the blood transports food, CO₂, and nitrogenous waste?

Difficulty : Moderate

Average Time : 97 Seconds

Options :

1. WBCs
2. Blood platelets
3. Plasma
4. RBCs

Solution :

The correct answer is **option 3** i.e. **Plasma**.

The component of blood that transports food, carbon dioxide (CO_2), and nitrogenous waste is the plasma. Plasma is the liquid component of blood that makes up about 55% of its volume. It contains water, electrolytes, proteins, hormones, and waste products.

- Nutrients, gases, and waste products are transported through the plasma to various parts of the body. The cellular elements in the blood, such as red blood cells, white blood cells, and platelets, are suspended in the plasma.

Question 68 :

Which of the following is an unsaturated Hydrocarbon?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Ethyne
2. Propane
3. Butane
4. Pentane

Solution :

The correct answer is **option 1** i.e. **Ethyne**.

- Ethyne is a hydrocarbon with a triple bond between two carbon atoms, making it unsaturated. Therefore, ethyne is an unsaturated hydrocarbon.
- Ethyne, also known as acetylene, is a hydrocarbon with the chemical formula C_2H_2 . It is an unsaturated hydrocarbon because it contains a triple bond between two carbon atoms. The triple bond consists of one sigma (σ) bond and two pi (π) bonds.
- In ethyne, there are two carbon atoms, each forming a sigma bond with one hydrogen atom, and they are connected by the triple bond. T

Question 69 :

Shrenik switched on a bulb at 2:39:40 hours and switched it off on the same day at 12:30:34 hours. For how long was the bulb in switched-on mode?

Difficulty : Moderate

Average Time : 60 Seconds

Options :

1. 9 hours 50 minutes 54 seconds
2. 12 hours 40 minutes 06 seconds
3. 9 hours 09 minutes 06 seconds

10 hours 09 minutes 06 seconds

Solution :

The correct answer is **option 1** i.e. **9 hours 50 minutes 54 seconds.**

Switched on time = 2 : 39 : 40

Switched off time = 12 : 30 : 34

Total time till 11 : 39 : 40 = 9 hours

The time between 11 : 39 : 40 and 12 : 00 : 00 = 20 min 20 seconds

The time between 12 : 00 : 00 and 12 : 30 : 34 = 30 min 34 seconds

Total time = 9 hours + (20 min + 30 min) + (20 seconds + 34 seconds)

= 9 hours 50 minutes 54 seconds

Question 70 :

Which of the following scientists had done some calculations for the fifth state of matter?

Difficulty : Moderate

Average Time : 49 Seconds

Options :

1. CV Raman
2. Satyendra Nath Bose
3. Vikram Sarabhai
4. Homi Bhabha

Solution :

The correct answer is **option 2** i.e. **Satyendra Nath Bose.**

- The fifth state of matter is called "Bose-Einstein Condensate" (BEC), and it was theorized by Satyendra Nath Bose and Albert Einstein. Both scientists made significant contributions to the understanding and development of this state of matter.
- Satyendra Nath Bose, an Indian physicist, collaborated with Albert Einstein to develop the theory of Bose-Einstein statistics, which describes the behavior of certain particles at extremely low temperatures.

Question 71 :

Which of the following compounds has a double bond?

Difficulty : Moderate

Average Time : 52 Seconds

Options :

1. Ethane
2. Methane
3. Acetylene
4. Ethene

Solution :

The correct answer is **option 4** i.e. **Ethene**.

- Among the given compounds, Ethene has a double bond. The chemical formula for ethene is C_2H_4 , and it contains a double bond between the two carbon atoms. The presence of this double bond makes ethene an unsaturated hydrocarbon.
- The other compounds mentioned are:
 - Ethane: This is a saturated hydrocarbon and contains only single bonds between carbon atoms.
 - Methane: This is also a saturated hydrocarbon with single bonds between carbon atoms.
 - Acetylene: Acetylene (also known as ethyne) is a hydrocarbon with a triple bond between two carbon atoms. It doesn't have a double bond but has a triple bond.

Question 72 :

The speed of sound in air at $0^\circ C$ is:

Difficulty : Moderate

Average Time : 61 Seconds

Options :

1. 330ms
2. $330ms^{-1}$
3. 331ms
4. $331 ms^{-1}$

Solution :

The correct answer is **option 4** i.e. $331 ms^{-1}$

- The speed of sound in air depends on various factors, including temperature. At $0^\circ C$ (degrees Celsius), the speed of sound in dry air is approximately 331 meters per second (m/s) or about 1,087 feet per second (ft/s). This value is a standard approximation and can vary slightly based on factors such as humidity and air composition.

**Question 73 :**

..... Russian chemist who stated that the properties of elements are a periodic function of their atomic masses.

Difficulty : Moderate**Average Time : 51 Seconds****Options :**

1. Mendeleev
2. Markovnikov
3. Zelinsky
4. Zaitsev

Solution :

The correct answer is **option 1** i.e. **Mendeleev**.

- The Russian chemist who formulated the periodic law and stated that the properties of elements are a periodic function of their atomic masses is Dmitri Mendeleev. Mendeleev published his periodic table of elements in 1869, arranging the known elements based on their atomic masses and leaving gaps for undiscovered elements.
- His table was a precursor to the modern periodic table and was instrumental in predicting the properties of elements that were later discovered.

Question 74 :

An Odometer is an instrument used to measure _____ in automobiles.

Difficulty : Moderate**Average Time : 52 Seconds****Options :**

1. speed
2. odour
3. direction
4. distance

Solution :

The correct answer is **option 4** i.e. **distance**.

- An odometer is an instrument used to measure the distance traveled by an automobile. It provides a cumulative total of the distance a vehicle has covered throughout its use.
- Odometers are commonly found on the dashboard of vehicles and are essential for tracking mileage, which can be useful for various purposes, such as maintenance scheduling, fuel efficiency calculations, and record-keeping.

Question 75 :

Chosen option on top right of the question indicates the option selected by the candidate. Prostate gland is present below:

Difficulty : Moderate**Average Time : 51 Seconds****Options :**

1. the kidneys
2. the scrotum
3. the urinary bladder
4. the penis

Solution :

The correct answer is **option 3** i.e. **the urinary bladder**.

- The prostate gland is located below the bladder and in front of the rectum in males. It surrounds the urethra, which is the tube that carries urine from the bladder and semen from the reproductive system out through the penis.

Rrb Alp CBT - 1 Previous Year Question Paper Analysis

The analysis of Rrb Alp CBT - 1 Previous Year Question Paper held on 2023-10-27 in the Morning Shift exam is as follows:

1. 75 questions were moderate.
2. The safe score is 40 marks.
3. , 74 questions were asked from CBT and 1 questions were asked from General Awareness
4. 1 questions should have been skipped if you were short of time.

Rrb Alp CBT - 1 Previous Year Question Paper Topic Wise Weightage

CBT

1. Current Affairs - 2
2. Current Affairs - 2

General Awareness

- Science - 16
- 2. Environment - 6
- 3. GK Misc - 7
- 4. Current Affairs - 2

Rrb Alp CBT - 1 Previous Year Question Paper Tips and Tricks



1. Try to solve Rrb Alp CBT - 1 Previous Year Question Paper without taking any help from the solutions.
2. Rrb Alp CBT - 1 Previous Year Question Paper require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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- Syllabus
- Know Your State
- Know Your Country
- Know Your City
- Know Your Leader
- Books And Authors
- Daily Vocabulary
- Daily Editorial
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Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Rrb Alp CBT - 1 Previous Year Question Paper. She has guided her team to provide the best explanation for the question.



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