






## RBE SSC CGL 2025 Live Mock August 09,2025

Q. 1	<p>Find the value of the equation given below:</p> <p><math>(23+43) \bmod 57</math></p> <p>a) 12 </p> <p>b) 6 </p> <p>c) 9 </p> <p>d) 15 </p>
Explanation:	<p>Let's solve the expression step by step:</p> <p>We are given:</p> <p><math>(23 + 43) \bmod 57</math></p> <p>Step 1: Add the numbers</p> <p><math>23 + 43 = 66</math></p> <p>Step 2: Apply modulo</p> <p><math>66 \bmod 57 = 9</math></p> <p> <b>Final Answer: 9</b></p> <p><b>Note:</b> In math, "mod" stands for modulo, which refers to the <b>remainder</b> you get when one number is divided by another.</p>

Q. 2

Each of the letters in the word 'REHARSAL' are arranged in the English alphabetical order. How many letters are in the English alphabetical order between the letter which is the fourth from the left end and the fourth from the right end in the group of letters thus formed?

a) Three ✓

b) One ✗

c) Four ✗

d) Two ✗

The correct option is: a

Explanation:

R E H A R S A L


A A E (H) (L) R R S


Fourth from  
the left endFourth from  
the right end.


There are three letters  
between H & L.


**Q. 3**

In a certain code language, 'CONFIRM' is written as '811141391013' and 'DEFAULT' is written as '6910671516'. How will 'FOREIGN' be written in that language?

a) 110229921133 

b) 100112881103 

c) 201028920163 

d) 101112991013 

The correct option is: d

C O N F I R M

In Alphabetical order,

C	F	I	M	N	O	R
↓	↓	↓	↓	↓	↓	↓
3	6	9	13	14	15	18
↓+5	↓+5	↓+5	↓	↓-5	↓-5	↓-5
8	11	14	13	9	10	13

D E F A U L T

In Alphabetical order,





A	D	E	F	L	T	U
↓	↓	↓	↓	↓	↓	↓
1	4	5	6	12	20	21
↓+5	↓+5	↓+5	↓	↓-5	↓-5	↓-5
6	9	10	6	7	15	16

F O R E I G N

In Alphabetical order,

E	F	G	I	N	O	R
↓	↓	↓	↓	↓	↓	↓
5	6	7	9	14	15	18
↓+5	↓+5	↓+5	↓	↓-5	↓-5	↓-5
10	11	12	9	9	10	13

Explanation:

<p><b>Q. 4</b></p>	<p>Read the given statement and conclusions carefully. Decide which of the given conclusions logically follow(s) from the statement.</p> <p><b>Statement:</b></p> <p>R is not the mother of P. P is the daughter of S, and S has three daughters.</p> <p><b>Conclusions:</b></p> <p>I. P is the sister of R.</p> <p>II. S is the mother of P.</p> <p>a) Only conclusion I follows </p> <p>b) Neither conclusion I nor II follows </p> <p>c) Only conclusion II follows </p> <p>d) Both conclusions I and II follows </p>
<p><b>Explanation:</b></p>	<p>The statement says that R is not the mother of P. It also states that P is the daughter of S and that S has three daughters. However, nothing confirms whether S is male or female, so we cannot be sure that S is the <b>mother</b> of P—S could also be the <b>father</b>. Hence, <b>Conclusion II does not logically follow.</b></p> <p>Additionally, while R is not P's mother, no information is provided about R's relationship to S or to P. So we cannot assume that R is P's sister. Therefore, <b>Conclusion I also does not follow.</b></p> <p>Final Answer: <b>Neither conclusion I nor II follows</b></p>

Q. 5

Read the given statement of courses of action carefully. Assuming that the information given in the statement is true, decide which of the given courses of action logically follow(s) from the statement.

Statement:

There is a huge increase in the migration of Citizens of Country X to foreign countries as the unemployment rate has been increasing in Country X.

Courses of action:

I. The citizens of country X should be provided with alternate sources of income.

II. Substantial fees should be imposed on all foreign travels by the citizens of country X.

a) Only I follows 

b) Neither I nor II follows 

c) Only II follows 

d) Both I and II follow 

Explanation:

**Course of Action I:**

*The citizens of Country X should be provided with alternate sources of income.*

**Logically follows.**

This directly addresses the **cause of migration (unemployment)**. If people have income opportunities within the country, migration will naturally reduce. So this is a valid course of action.

**Course of Action II:**

*Substantial fees should be imposed on all foreign travels by the citizens of Country X.*

**Does not follow logically.**


This is a **restrictive measure**, not a solution to the **underlying problem** (unemployment). It may **discourage migration**, but it doesn't solve the cause — and may even appear **punitive or unfair**, especially for genuine travel or education purposes.

**Correct Answer: (a) Only I follows**

**Q. 6**

What would be the word on the opposite side of 'Pear' if the given sheet is folded to form a cube?



a) Mango 

b) Lime 

c) Kiwi 

d) Melon 

**Explanation:**

The correct answer is: b


The opposites of the given pair of dice are: Pear – Lime, Mango – Plum and Kiwi – Melon.


Q. 7


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.

28 : 420 :: ? : 544 :: 46 : 1104

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

a) 26 

b) 32 

c) 36 

d) 42 

Explanation:

The correct option is: b

Logic:  $1st\ number \times \left( \frac{1st\ number}{2} + 1 \right) = 2nd\ number$

$$\bullet \quad 28 \times \left( \frac{28}{2} + 1 \right) = 28 \times 15 \Rightarrow 420$$

$$\bullet \quad 46 \times \left( \frac{46}{2} + 1 \right) = 46 \times 24 \Rightarrow 1104$$

$$\bullet \quad ? \times \left( \frac{?}{2} + 1 \right) = 544$$

$\Rightarrow$  Putting, ? = 32,

$$\Rightarrow 32 \times 17 = 544$$

Therefore, the correct answer is: 32



Q. 8

Which of the following terms will replace the question mark (?) in the given series?

LFF, OIK, PLV, KOA, GRF, ?

a) TUK ✓

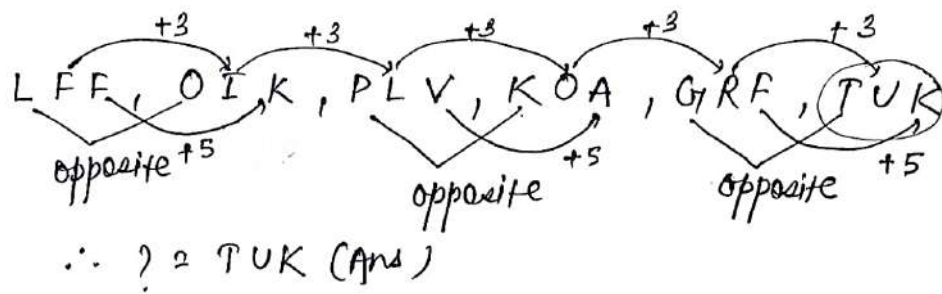
b) RXP ✗

c) HUP ✗

d) SVN ✗

Explanation:

The correct option is: a



Q. 9

How is damini related to Bhola?

Statement:

I. Tika has only one son, Bhola and only one daughter, kamala.

II. Damini is Roma's son's wife. Kamala is the only daughter of Roma. Meghan is the daughter of Bhola.

a) Statement II alone is sufficient, while statement I alone is not sufficient to answer the question. ❌

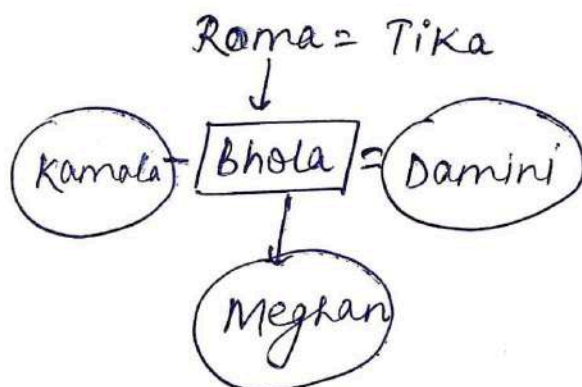
b) Statements I alone is sufficient, while II is not sufficient to answer the question. ❌

c) Both statements I and II together are sufficient to answer the question. ✓

d) Statements I or II are not sufficient to answer the question. ❌





Explanation:

Merging statement I and II →



∴ Damini is the wife of Bhola.

(C) Both statements I and II are sufficient to answer the question.

<b>Q. 10</b>	<p>Which two numbers should be interchanged to make the given equation correct?</p> $12 \times (9 + 6 - 4) + (42 \div 21) \times 7 - 63 = 111$ <p>(NOTE: Numbers must be interchanged and not the constituent digits e.g. if 2 and 3 are to be interchanged in the equation <math>43 \times 3 + 4 \div 2</math>, then interchanged equation is <math>43 \times 2 + 4 \div 3</math>)</p> <p>a) 6 and 7 </p> <p>b) 4 and 12 </p> <p>c) 9 and 7 </p> <p>d) 42 and 63 </p>
<b>Explanation:</b>	<p>The correct option is: a</p> $12 \times (9 + 6 - 4) + (42 \div 21) \times 7 - 63 = ?$ <p>Interchanging 42 and 63 to get the required answer,</p> $\Rightarrow 12 \times 11 + (63 \div 21) \times 7 - 42$ $\Rightarrow 132 + 21 - 42$ $\Rightarrow 153 - 42$ $\Rightarrow 111$

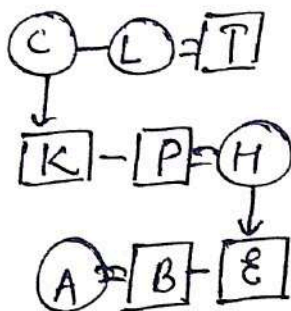
Q. 11

$M \% N$  means 'M is the wife of N',  
 $M \# N$  means 'M is the Son of N',  
 $M \& N$  means 'M is the nephew of N',  
 $M @ N$  means 'M is the brother of N'.  
 $M * N$  means 'M is the sister of N'  
 If  $A \% B @ E \# H \% P @ K \# C * L \% T$ , then who among the following is the grandson of C?





- a) B and E ✓  
 b) E and A ✗  
 c) B and A ✗  
 d) P and K ✗

Explanation:





The correct answer is: a



'B' and 'E' are the grandson of C.

<b>Q. 12</b>	<p>Look at the following letter, number, symbol series and answer the question asked below.</p> <p>(Left) M 6 ∞ R Z Ω K &amp; 4 D π S Q 2 % β Y 7 @ 3 E (Right)</p> <p>How many such numbers are there in the given series, each of which is immediately preceded by a letter and immediately followed by a symbol?</p> <p>a) Two </p> <p>b) One </p> <p>c) Three </p> <p>d) None </p>
<b>Explanation:</b>	<p>The correct option is: c</p> <p>There are three such numbers each of which is immediately preceded by a letter and immediately followed by a symbol: M 6 ∞, Q 2 % and Y 7 @.</p>

<b>Q. 13</b>	<p>Which number will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?</p> <p><math>78 - 54 \times 6 + 7 \div 8 = ?</math></p> <p>a) 31 </p> <p>b) 29 </p> <p>c) 37 </p> <p>d) 26 </p>
<b>Explanation:</b>	<p>The correct option is: a</p> <p><math>78 - 54 \times 6 + 7 \div 8 = ?</math></p> <p>If '+' and '-' are interchanged and '×' and '÷' are interchanged, then</p> <p><math>\Rightarrow 78 + 54 \div 6 - 7 \times 8</math></p> <p><math>\Rightarrow 78 + 9 - 56</math></p> <p><math>\Rightarrow 22 + 9 = 31</math></p>

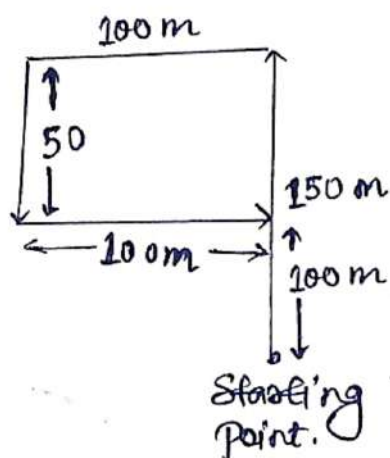
Q. 14

Brian walks towards the North. After walking for 150 meters, he turns to his left and walks 100 meters straight. Then he turns to the left again and walks for 50 meters. He takes another left turn and walks 100 meters straight. How far is Brian from his starting point?

- a) 25 m ☒
- b) 50 m ☒
- c) 75 m ☒
- d) 100 m ☒

The correct answer is: d

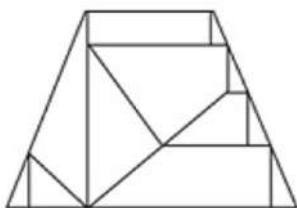
Explanation:



Brian is 100 m away from the starting point.

Q. 15

How many triangles are there in the given figure?



a) 10 ✓

b) 11 ✗

c) 12 ✗

d) 9 ✗

**Explanation:**

The correct answer is: a

There are 10 triangles in the given figure.

Q. 16

In the following question find out the alternative which will replace the question mark:

Carbon : Diamond :: Corundum : ?

a) Garnet ✗

b) Ruby ✓

c) Pukhraj ✗

d) Pearl ✗

**Explanation:**

The correct answer is: b

**Corundum** is a naturally occurring mineral, made mostly of **aluminum oxide** ( $\text{Al}_2\text{O}_3$ ).When **corundum** contains trace amounts of **chromium**, it becomes **ruby**.So, **ruby** is a **precious gemstone form of corundum**, just like **diamond** is of carbon.

Q. 17

A statement is given followed by two possible underlying assumptions I and II. Read all the information carefully and decide which of the given assumptions can be assumed by the given statement.





Statement:

Recent marketing trends suggest that words like 'premium', 'exquisite', 'priority' are considered prestigious by consumers of the middle income group and hence increase the chances of sale of any product advertised with these words.

Assumptions:

I. The products advertised with the said 'prestigious' words definitely cost higher than those which are not advertised with such words.

II. Such prestigious words have no impact on sales among the lower income group.

- a) Only I can be assumed 
- b) Only II can be assumed 
- c) Both I and II can be assumed 
- d) Neither I nor II can be assumed 

Explanation:

**Assumption I:**

*"The products advertised with the said 'prestigious' words definitely cost higher than those which are not advertised with such words."*

**Not implicit.**

The statement is about **perception and marketing language**, not about **actual pricing**.

It **does not claim** that these products are **definitely more expensive**.

So this assumption is **not necessarily true** based on the statement.

**Assumption II:**

*"Such prestigious words have no impact on sales among the lower income group."*

**Also not implicit.**

The statement **focuses only on the middle-income group**.

It makes **no mention** of the **lower-income group**, so we **cannot assume** what impact these words might or might not have on them.

**Correct Answer: (d) Neither I nor II can be assumed.**



Q. 18

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:

In spite of all apartments having the same square foot area, rents of the apartments above the 6th floor are higher in most high-rise apartment buildings.

Arguments:

I. It is riskier to live on higher floors, since the dependence on lifts is much more critical than the lower floors which can be accessed by stairs.

II. Air pollution is several times lower on higher floors than on the lower floors.

a) Argument I weakens, while argument II strengthens the statement 

b) Both arguments I and II weaken the statement 

c) Both arguments I and II strengthen the statement 

d) Argument II weakens, while argument I strengthens the statement 

Explanation:

**Argument I:**

*It is riskier to live on higher floors, since the dependence on lifts is much more critical than the lower floors which can be accessed by stairs.*

**This weakens** the statement. If living on higher floors is riskier and less convenient, then the rent should **not** be higher. It contradicts the idea that higher floors should cost more.

**Argument II:**





*Air pollution is several times lower on higher floors than on the lower floors.*

**This strengthens** the statement. Better air quality is a **positive factor**, and it could justify **higher rent** for apartments above the 6th floor.





**Conclusion:**

- **Argument I weakens** the statement.
- **Argument II strengthens** the statement.

**Final Answer:** (a) Argument I weakens, while argument II strengthens the statement





<b>Q. 19</b>	<p>Select the option that represents the letters that when placed from left to right in the blanks below will complete the given letter series.</p> <p>c_df_fc_fdd_d_fd</p> <p>a) ccddc </p> <p>b) ddccc </p> <p>c) dbccc </p> <p>d) dddcc </p>
<b>Explanation:</b>	<p>The correct answer is: d</p> <p>cd df/df cd/fddc/dcf d</p> <p>Logic: Each group consists of letters of the previous group in the order – second, fourth, first, third.</p>

<b>Q. 20</b>	<p>14 is related to 63 following a certain logic. Following the same logic, 18 is related to 81. To which of the following is 24 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)</p> <p>a) 96 </p> <p>b) 108 </p> <p>c) 120 </p> <p>d) 72 </p>
<b>Explanation:</b>	<p>The correct option is: b</p> <p>Logic: <math>(n \times 5) - (n \div 2)</math>.</p> <p><math>\Rightarrow (14 \times 5) - (14 \div 2) = 70 - 7 \Rightarrow 63</math></p> <p><math>\Rightarrow (18 \times 5) - (18 \div 2) = 90 - 9 \Rightarrow 81</math></p> <p><math>\Rightarrow (24 \times 5) - (24 \div 2) = 120 - 12 \Rightarrow 108</math></p> <p>(Or,</p> <p><math>N/2 + 9 = \text{Related number}</math>)</p>

Q. 21

Four number-sets have been given below, out of which three are alike in some manner and one is different. Select the number-set that is different from the rest.

a) (141, 187, 279) b) (177, 214, 288) c) (190, 222, 287) d) (150, 195, 285) 

The correct option is: c

Explanation:

$$\begin{array}{ccc}
 141 & , & 187 & , & 279 \\
 \swarrow & & \searrow & & \swarrow \\
 & 46 & & & 92 \\
 & & \searrow & & \swarrow \\
 & & & \times 2 & 
 \end{array}$$

$$\begin{array}{ccc}
 177 & , & 214 & , & 288 \\
 \swarrow & & \searrow & & \swarrow \\
 & 37 & & & 74 \\
 & & \searrow & & \swarrow \\
 & & & \times 2 & 
 \end{array}$$

$$\begin{array}{ccc}
 190 & , & 222 & , & 287 \text{ (odd)} \\
 \swarrow & & \searrow & & \swarrow \\
 & 32 & & & 65 \\
 & & \searrow & & \swarrow \\
 & & & \times 2 & 
 \end{array}$$

$$\begin{array}{ccc}
 150 & , & 195 & , & 285 \\
 \swarrow & & \searrow & & \swarrow \\
 & 45 & & & 90 \\
 & & \searrow & & \swarrow \\
 & & & \times 2 & 
 \end{array}$$

Q. 22

Consider the given question and decide which of the following statements is/are sufficient to answer the question.


is  $X-5$  even?  $X$  is a real number.

Statements:


1.  $X-15$  belongs to integer

2.  $X-10$  is an odd integer

a) Statement 1 alone is sufficient while statement 2 alone is insufficient 


b) Neither statement 1 nor 2 is sufficient 

c) Statement 2 alone is sufficient while statement 1 alone is insufficient 

d) Both statements 1 and 2 are sufficient 


Explanation:

To determine whether  $X-5$  is **even**, let's evaluate each statement:

 **Statement 1:  $X-15$  is an integer**

- If  $X-15$  is an integer, then  $X = \text{integer} + 15$ , which implies  $X$  is also an integer.
- Therefore,  $X-5 = \text{integer} - 5 = \text{integer}$ , so  $X-5$  is an integer, but we don't know whether it's even or odd.

 **Not sufficient** to determine if  $X-5$  is even.

 **Statement 2:  $X-10$  is an odd integer**

- Let's assume  $X-10 = \text{odd integer} \Rightarrow X = \text{odd integer} + 10$
- So,  $X-5 = (\text{odd} + 10) - 5 = \text{odd} + 5 = \text{even}$

 **Sufficient** to determine  $X-5$  is even.

 **Combining both statements:**

- Statement 2 alone is already sufficient.
- So, combining both doesn't add value.

 **Final Answer:**

**Statement 2 alone is sufficient, but Statement 1 alone is not sufficient.**

Q. 23

In the following triad, each group of letters is related to the subsequent group following a certain logic. Select the triad from the given alternatives that follows the same logic.

SY-JN-CH

a) NT-FJ-UY



b) UA-VZ-MN



c) GM-LP-HM



d) EK-PS-VY



The correct option is: c

S Y - J N - C H  
 $\begin{matrix} \text{S} & \text{Y} \\ \text{+6} \end{matrix}$       $\begin{matrix} \text{J} & \text{N} \\ \text{+4} \end{matrix}$       $\begin{matrix} \text{C} & \text{H} \\ \text{+5} \end{matrix}$

Explanation:


Similarly, from option (c)


G M - L P - H M  
 $\begin{matrix} \text{G} & \text{M} \\ \text{+6} \end{matrix}$       $\begin{matrix} \text{L} & \text{P} \\ \text{+4} \end{matrix}$       $\begin{matrix} \text{H} & \text{M} \\ \text{+5} \end{matrix}$

Q. 24


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

41, 45, 56, 86, 153, ?

a) 259 

b) 298 

c) 285 

d) 281 

The correct option is: d

Explanation:

$$\begin{array}{ccccccc} 41, & 45, & 56, & 86, & 153, & ? \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ +4 & +11 & +30 & +67 & +128 \\ (1^3+3) & (2^3+3) & (3^3+3) & (4^3+3) & (5^3+3) \\ \Rightarrow 153 + 128 = 281 \text{ (Ans)} \end{array}$$

Q. 25

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

Statements:

Some apples are fruits.

Some fruits are berries.

All berries are vitamins.

Conclusions:

I. All apples can never be vitamins.

II. Some fruits are vitamins.

III. All apples being berries is a possibility.

a) Both II and III conclusions follow ✓

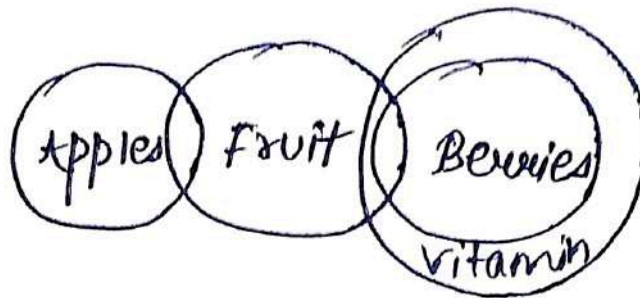
b) Only conclusion III follows ✗

c) Only conclusion I follows ✗

d) Both I and II conclusion follow ✗

Explanation:

The correct option is: a







Both II and III conclusions follow.

Q. 26

Which statement given below is wrong about the westerly jet streams?

1. The subtropical westerly jet stream helps steer Western Disturbances—extratropical storms originating from the Mediterranean and Caspian Sea regions—into northern India.
2. These Western Disturbances, guided by the jet stream, cause rainfall and snowfall in the northwestern Himalayan states such as Jammu & Kashmir, Himachal Pradesh, and Uttarakhand.
3. The westerly jet stream is responsible for causing monsoon rains during the summer months in southern India.
4. The influence of the subtropical jet stream on Western Disturbances significantly impacts the winter weather patterns in northern India.

a) Only 3 b) Only 2 & 3 c) Only 1 d) Only 1 & 4 

Explanation:

The wrong statement is: **Only 3**

The **westerly subtropical jet stream** actually **retreats northward** during summer, making way for the **tropical easterly jet stream**, which plays a more direct role in influencing the **southwest monsoon** over southern India.





Monsoon rains are primarily driven by:





- **Tropical Easterly Jet (TEJ)** from the Tibetan Plateau
- **Somali Jet** from the Indian Ocean
- **Inter-Tropical Convergence Zone (ITCZ)** dynamics









**Westerly Jet Streams**, especially the subtropical jet stream, play a crucial role in winter by steering **Western Disturbances**—extratropical storms originating from the Mediterranean and Caspian Sea regions—into northern India.









These disturbances bring **rain and snowfall to the northwestern Himalayas**, influencing winter weather in states like Jammu & Kashmir, Himachal Pradesh, and Uttarakhand.



Q. 27	<p>Which of the following dynasties that originally belonged to Western China, are also called Yueh-chis?</p> <p>a) Satavahanas </p> <p>b) Kushanas </p> <p>c) Sakas </p> <p>d) Shungas </p>
Explanation:	<p>Explanation:</p> <p>Here's a sharp breakdown for better recall:</p> <ul style="list-style-type: none"><li>• The <b>Kushanas</b> are believed to have descended from the <b>Yueh-chis</b>, a nomadic tribe that originally migrated from the regions around <b>Western China or Central Asia</b>.</li><li>• Around the 1st century CE, the Kushanas established a powerful empire in the Indian subcontinent, with rulers like <b>Kanishka</b> who played a major role in promoting Buddhism and connecting India with the Silk Road.</li></ul>





Q. 28	<p>Which statement given below is wrong about the Microfinance Institutions Network (MFIN)?</p> <ol style="list-style-type: none"> <li>1. MFIN was established in 2009 as an industry association for NBFC-MFIs (Non-Banking Financial Companies – Microfinance Institutions).</li> <li>2. MFIN aims to promote responsible lending, client protection, and a regulatory environment supportive of financial inclusion.</li> <li>3. MFIN was officially recognized by the Reserve Bank of India in 2014 as India's first Self-Regulatory Organization (SRO) for NBFC-MFIs.</li> <li>4. MFIN was originally created by the Ministry of Finance to directly provide microloans to rural households.</li> </ol> <p>a) Only 3 </p> <p>b) Only 2 </p> <p>c) Only 4 </p> <p>d) Only 1 </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• The <b>Microfinance Institutions Network (MFIN)</b> was established in <b>2009</b> as an industry association for <b>NBFC-MFIs</b> (Non-Banking Financial Companies – Microfinance Institutions).</li> <li>• Its mission: promote <b>responsible lending, client protection</b>, and a <b>supportive regulatory environment</b> for financial inclusion.</li> </ul> <p>In <b>2014</b>, MFIN was officially recognized by the <b>Reserve Bank of India</b> as India's <b>first Self-Regulatory Organization (SRO)</b> for NBFC-MFIs.</p>

Q. 29	<p>Which of the following statements is <b>INCORRECT</b> in the context of the Post-Gupta period?</p> <p>a) Granting of land to brahmanas increased in the Post-Gupta period. </p> <p>b) In the post-Gupta period many kingdoms came into existence </p> <p>c) The kingdoms during the Post-Gupta period were short-lived. </p> <p>d) All the kingdoms were larger than the Gupta kingdom. </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>The <b>Gupta Empire</b> was one of the largest and most powerful empires in ancient India, especially under rulers like Samudragupta and Chandragupta II.</li> <li>In the <b>Post-Gupta period</b>, India saw the <b>fragmentation</b> of power and the emergence of <b>many smaller kingdoms</b>, such as the <b>Maukharis, Pushyabhutis (Harshavardhana), Maitrakas, Vardhanas, Chalukyas, and Pallavas</b>.</li> <li>These <b>new kingdoms were generally smaller</b> and often <b>short-lived</b>, with frequent wars and shifting alliances.</li> <li>Land grants to Brahmanas and religious institutions <b>did increase</b> during this time.</li> </ul> <p>So, the <b>first statement is incorrect</b> because <b>not all kingdoms were larger</b>; in fact, <b>most were smaller</b> than the Gupta Empire.</p>
Q. 30	<p>Which of the following best describes the structure of benzene?</p> <p>a) A branched chain of six carbon atoms </p> <p>b) A five-membered ring with one double bond </p> <p>c) A straight chain of six carbon atoms </p> <p>d) A six-membered ring with alternating single and double bonds </p>
Explanation:	<p><b>Explanation:</b></p> <p>Benzene (<math>C_6H_6</math>) has a <b>cyclic structure</b> consisting of <b>six carbon atoms</b> forming a <b>ring</b>. Each carbon atom is bonded to one hydrogen atom. The carbon-carbon bonds alternate between <b>single and double bonds</b>, forming a structure known as <b>conjugated <math>\pi</math>-system</b>, which gives benzene its <b>aromatic stability</b>.</p> <p>This is often represented as a hexagon with a circle inside, indicating delocalized electrons rather than fixed double bonds.</p> <p>So, the best description is: <b>A six-membered ring with alternating single and double bonds</b>.</p>

Q. 31	<p>Which gharana in Hindustani music is credited with popularizing the Khayal gayaki and counts Pandit Bhimsen Joshi among its renowned exponents?</p> <p>a) Kirana </p> <p>b) Patiala </p> <p>c) Gwalior </p> <p>d) Jaipur-Atrauli </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• The <b>Kirana Gharana</b> is one of the most prominent gharanas in Hindustani classical music.</li> <li>• It is especially known for its <b>Khayal gayaki</b> (style of singing), with an emphasis on <b>precise intonation of notes (swara)</b> and a slow, meditative elaboration of ragas.</li> <li>• <b>Pandit Bhimsen Joshi</b>, one of the greatest vocalists of the 20th century, was a <b>leading exponent of the Kirana Gharana</b>.</li> </ul> <p>So, the correct answer is: <b>Kirana</b></p>
Q. 32	<p>Which statements is Correct about SLINEX exercise 2024.</p> <p>1. SLINEX 2024 was held between India and the United Kingdom.</p> <p>2. 2024 exercise held at Vishakhapatnam.</p> <p>3. The exercise included a harbour phase and a sea phase.</p> <p>a) All of these </p> <p>b) Only 1 &amp; 2 </p> <p>c) Only 1 </p> <p>d) Only 2 &amp; 3 </p>
Explanation:	<p><b>Statement 1 is incorrect – SLINEX is a bilateral naval exercise between India and Sri Lanka, not the UK.</b></p> <p><b>Explanation:</b></p> <p><b>SLINEX 2024</b> (Sri Lanka–India Naval Exercise) was held from <b>17 to 20 December 2024</b> at <b>Visakhapatnam</b>, under the Eastern Naval Command of India. The exercise included a harbour phase (17–18 December) and a sea phase (19–20 December).</p>

Q. 33

The Interim Budget, 2024-25, announced a strategy to achieve 'Atmanirbharta' (self-reliance) in the production of which of the following oilseeds?

- a) Cotton, jute, sugarcane and tea 
- b) Mustard, groundnut, sesame, soybean and sunflower 
- c) Rice, wheat, maize and pulses 
- d) Barley, sorghum, bajra and ragi 

Explanation:

**Explanation:**





In the **Interim Budget 2024-25**, the Government announced an **"Atmanirbhar Oil Seeds Abhiyan"** — a strategic initiative aimed at achieving **self-reliance in key oilseeds**, specifically:

- Mustard,
- Groundnut,
- Sesame,
- Soybean, and
- Sunflower

The plan includes:

- Research to develop high-yielding and climate-resilient varieties,
- Widespread adoption of modern farming practices,
- Strengthening market linkages and procurement mechanisms,
- Emphasis on value addition and crop insurance.

This clearly corresponds to option **B**, and none of the other options match this specific set of oilseeds mentioned in the strategy.

Q. 34	<p>Raja Bhalindra Singh trophy is associated with which of the following national sports events?</p> <p>a) Khelo India Youth Games </p> <p>b) Khelo India Winter Games </p> <p>c) Khelo India University Games </p> <p>d) National Games </p>
Explanation:	<p>Explanation:</p> <ul style="list-style-type: none"><li>• The <b>Raja Bhalindra Singh Trophy</b> is awarded to the <b>overall champion state or team</b> at the <b>National Games of India</b>, based on medal tally and performance.</li><li>• Named after <b>Raja Bhalindra Singh</b>, a former president of the Indian Olympic Association and a key figure in promoting Indian sports.</li><li>• Recent winners include <b>Maharashtra (2023)</b> and <b>Services Sports Control Board (2025)</b>.</li></ul>

Q. 35

Which of the following statements are true about the colloids?

i. A colloid is a heterogeneous mixture.

ii. The size of particles of a colloid is too small to be individually seen with naked eyes.

iii. They cannot be separated from the mixture by the process of filtration. But a special technique of separation known as centrifugation can be used to separate the colloidal particles.

a) Only ii and iii



b) Only i and iii



c) Only i and ii



d) i, ii and iii











Explanation:





**Explanation:**All three statements about **colloids** are **true**:1. **i. A colloid is a heterogeneous mixture.**









✓ Correct. Colloids have components that are not uniformly distributed at the microscopic level, making them heterogeneous.





2. **ii. The size of particles of a colloid is too small to be individually seen with naked eyes.**✓ Correct. Colloidal particles typically range from **1 to 1000 nanometers**, which are **invisible to the naked eye**.3. **iii. They cannot be separated from the mixture by the process of filtration. But a special technique of separation known as centrifugation can be used to separate the colloidal particles.**✓ Correct. Ordinary filtration doesn't work for colloids, but **centrifugation** or **ultrafiltration** can help separate colloidal particles.









Q. 36	<p>Which one of the following statements regarding the Constituent Assembly of India is not correct?</p> <p>The Constituent Assembly was composed of members who had been</p> <p>a) elected indirectly by the Members of the Provincial Legislative Assembly. </p> <p>b) The Constituent Assembly held its first sitting on 9th December, 1946. </p> <p>The seats in each province were distributed among the three main</p> <p>c) communities-Muslim, Sikh and General, in proportion to their respective populations. </p> <p>The method of selection in the case of representatives of Indian States</p> <p>d) was to be determined by the Governor-General of India. </p>
Explanation:	<p><b>Explanation:</b></p> <p>A. <i>"The Constituent Assembly was composed of members who had been elected indirectly by the Members of the Provincial Legislative Assembly."</i>   <b>True.</b> The members were elected by <b>indirect election</b> by the <b>Provincial Legislative Assemblies</b> using <b>single transferable vote</b> in <b>proportional representation</b>.</p> <p>B. <i>"The Constituent Assembly held its first sitting on 9th December, 1946."</i>   <b>True.</b> This is a well-documented historical fact.</p> <p>C. <i>"The seats in each province were distributed among the three main communities—Muslim, Sikh and General, in proportion to their respective populations."</i>   <b>True.</b> This was part of the framework laid out by the <b>Cabinet Mission Plan</b> of 1946.</p> <p>D. <i>"The method of selection in the case of representatives of Indian States was to be determined by the Governor-General of India."</i>   <b>False / Not Correct.</b> The <b>method of selection</b> for princely state <b>representatives</b> was to be decided by the <b>rulers of those princely states themselves</b>, not by the <b>Governor-General</b>.</p>



Q. 37	<p>Which of the following plant hormones regulates growth, particularly by stimulating cell elongation in stems?</p> <p>a) Auxin </p> <p>b) Ethylene </p> <p>c) Cytokinin </p> <p>d) Gibberellin </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• <b>Auxin</b> is a plant hormone that <b>regulates growth</b> by <b>stimulating cell elongation</b>, especially in the <b>stems</b>.</li><li>• It also plays a key role in:<ul style="list-style-type: none"><li>◦ Phototropism (growth toward light)</li><li>◦ Gravitropism (growth in response to gravity)</li><li>◦ Apical dominance (inhibition of lateral bud growth)</li></ul></li></ul> <p><b>Quick Look at Other Options:</b></p> <ul style="list-style-type: none"><li>• <b>Ethylene</b>: Involved in fruit ripening and leaf abscission.</li><li>• <b>Cytokinin</b>: Promotes cell division and delays leaf aging.</li><li>• <b>Gibberellin</b>: Promotes stem elongation, seed germination, and flowering — but <b>auxin</b> is more directly linked to <b>cell elongation in stems</b>.</li></ul>





Q. 38	<p>What is the systematic name of a colourless gas with a faint, ethereal odour called acetylene, widely used for welding?</p> <p>a) Ethyne </p> <p>b) Ethanoic anhydride </p> <p>c) Azoethane </p> <p>d) Ethyl acetate </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>Acetylene</b> is the <b>common name</b> for the compound <math>C_2H_2</math>.</li> <li>• Its <b>IUPAC (systematic) name</b> is <b>Ethyne</b>.</li> <li>• It is a <b>colourless gas</b> with a <b>faint, sweet/ethereal odour</b> and is <b>highly flammable</b>.</li> <li>• It is widely used in <b>oxy-acetylene welding</b> due to its high flame temperature.</li> </ul> <p><b>Other Options:</b></p> <ul style="list-style-type: none"> <li>• <b>Ethanoic anhydride</b> – A reagent used in organic chemistry, not a gas.</li> <li>• <b>Azoethane</b> – A compound with nitrogen-nitrogen double bonds.</li> <li>• <b>Ethyl acetate</b> – A fruity-smelling liquid ester, used as a solvent.</li> </ul>
Q. 39	<p>The term 'Dehliwal' in medieval Indian history is referred to which of the following?</p> <p>a) A trading guild of North Indian merchants </p> <p>b) A type of silver and copper coin issued during the Delhi Sultanate period </p> <p>c) A title given to provincial governors under the Delhi Sultanate </p> <p>d) A cavalry regiment maintained by the Delhi Sultanate rulers </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• The term '<b>Dehliwal</b>' refers to a <b>coinage</b> system — specifically <b>silver and copper coins</b> — that were <b>minted and circulated during the Delhi Sultanate period</b> (13th–16th century).</li> <li>• These coins played a significant role in <b>economic transactions</b> and were known for their <b>standardized weight and purity</b>, making them a reliable medium of exchange in the Sultanate's economy.</li> </ul>

Q. 40	<p>How many key points will be covered in the structured questionnaire for Census 2025?</p> <p>a) 40 </p> <p>b) 25 </p> <p>c) 31 </p> <p>d) 21 </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• The <b>Census 2025</b> in India will utilize a <b>structured questionnaire comprising 31 key points</b>. These cover vital demographic and household details, including aspects like caste, economic status, living conditions, amenities, and more.</li></ul> <p><b>Additional Highlights of Census 2025:</b></p> <ul style="list-style-type: none"><li>• <b>First digital census using a mobile app</b></li><li>• <b>Will include self-enumeration option for digitally literate citizens</b></li><li>• <b>Linked to the development of a National Population Register (NPR)</b></li></ul>

Q. 41	<p>Which Statement is/are correct about Alluvial Soil.</p> <ol style="list-style-type: none"> <li>1. It is the most suitable for Cotton cultivation.</li> <li>2. It is rich in essential like Potash and Lime.</li> <li>3. Commonly found in plateau regions.</li> <li>4. It has good water retention capacity.</li> </ol> <p>a) Only 1 &amp; 3 </p> <p>b) Only 2 &amp; 4 </p> <p>c) Only 2, 3 &amp; 4 </p> <p>d) Only 1, 2 &amp; 3 </p>
Explanation:	<p><b>Explanation:</b></p> <p>Alluvial soil is the <b>most suitable</b> for <b>wheat, rice &amp; Sugarcane</b> cultivation in India due to the following reasons:</p> <ul style="list-style-type: none"> <li>• It is <b>fertile</b> and rich in essential nutrients like <b>potash and lime</b>.</li> <li>• It has <b>good water retention capacity</b>, which is crucial for rice, a <b>water-intensive crop</b>.</li> <li>• Commonly found in river plains such as the <b>Indo-Gangetic plains</b>, which are major <b>rice-producing regions</b> of India.</li> </ul>
Q. 42	<p>Which of the following is the SI unit for sound intensity?</p> <p>a) Metre per second (m/s) </p> <p>b) Watt per square metre (W/m ) </p> <p>c) Pascal (Pa) </p> <p>d) Watt (W) </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>Sound intensity</b> is defined as the <b>power (energy per unit time)</b> carried by <b>sound waves per unit area</b>, where the area is <b>perpendicular to the direction of the sound wave</b>.</li> <li>• Therefore, the <b>SI unit</b> of sound intensity is: <b>Watt per square metre (W/m<sup>2</sup>)</b></li> </ul>

Q. 43

With reference to the Article 142 of the constitution, which of the following statement is INCORRECT:

- a) It is a discretionary power of the Supreme court for doing complete justice in any cause or matter pending before it. 
- b) It can be invoked for a civil dispute over an immovable property involving the private parties. 
- c) It can be used by Supreme Court to uphold the sanctity of the electoral process in the local government elections. 
- d) It can be used by Supreme court to supplant the existing law as well as to supplement the law. 

Explanation:

Explanation:

Let's examine each statement in the context of Article 142 of the Indian Constitution:

✓ 1. It is a discretionary power of the Supreme Court for doing complete justice in any cause or matter pending before it.

✓ Correct.

- Article 142(1) allows the Supreme Court to **pass any decree or order necessary for doing complete justice** in any case before it.
- It is indeed a **discretionary and extraordinary power** to ensure justice is not hindered by procedural technicalities.

✓ 2. It can be invoked for a civil dispute over an immovable property involving private parties.

✓ Correct.

- The Supreme Court can and **has invoked Article 142 in civil matters**, including disputes over immovable property, to bring finality or equity in decisions.
- Example: To enforce a settlement between private parties.

✓ 3. It can be used by Supreme Court to uphold the sanctity of the electoral process in the local government elections.





✓ Correct.





- The Supreme Court has used Article 142 to ensure **free and fair elections**, particularly when other remedies failed.
- It can issue directions that go beyond statutory limits to **preserve constitutional values**, including electoral integrity.

✗ 4. It can be used by Supreme Court to supplant the existing law as well as to supplement the law.





✗ Incorrect.

- The Supreme Court can **supplement** a law to do complete justice in the **absence of specific legal provisions**, but it **cannot supplant (override or replace) existing law**.
- The court's power under Article 142 **cannot violate existing statutory law** or act contrary to it.





Q. 44	<p>Which Article of the Indian Constitution mentions the Promotion of Educational and Economic Interests of Scheduled Castes, Scheduled Tribes, and other weaker sections?</p> <p>a) Article 42 </p> <p>b) Article 47 </p> <p>c) Article 41 </p> <p>d) Article 46 </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• <b>Article 46</b> of the <b>Directive Principles of State Policy (Part IV)</b> of the Indian Constitution states:</li></ul> <p><b>“The State shall promote with special care the educational and economic interests of the weaker sections of the people, and, in particular, of the Scheduled Castes and the Scheduled Tribes, and shall protect them from social injustice and all forms of exploitation.”</b></p> <p>This article provides a <b>guiding principle</b> for government policies aiming to uplift disadvantaged communities.</p> <p><b>Other Options:</b></p> <ul style="list-style-type: none"><li>• <b>Article 42</b> – Deals with <b>just and humane conditions of work and maternity relief</b>.</li><li>• <b>Article 47</b> – Relates to the <b>duty of the State to raise the level of nutrition and standard of living and to improve public health</b>.</li><li>• <b>Article 41</b> – Concerns the <b>right to work, to education, and to public assistance in certain cases</b> (e.g., unemployment, old age, sickness).</li></ul>









Q. 45	<p>Where were the Pravasi Bharatiya Samman Awards 2025 conferred?</p> <p>a) Bengaluru </p> <p>b) Bhubaneswar </p> <p>c) Mumbai </p> <p>d) New Delhi </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>The <b>Pravasi Bharatiya Samman Awards 2025</b> were conferred during the <b>Valedictory Session</b> of the <b>18th Pravasi Bharatiya Divas Convention</b>, which took place from <b>8–10 January 2025</b> in <b>Bhubaneswar, Odisha</b>.</li> <li>The <b>President of India</b>, Droupadi Murmu, presented the awards to the distinguished diaspora members during the <b>valedictory function</b> held in <b>Bhubaneswar</b>.</li> </ul>





  

Q. 46	<p>What is the new limit for collateral free agricultural loans by RBI, effective 1 January 2025?</p> <p>a) ₹3 lakh </p> <p>b) ₹1.5 lakh </p> <p>c) ₹2 lakh </p> <p>d) ₹2.5 lakh </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>The <b>Reserve Bank of India (RBI)</b> announced an increase in the limit for <b>collateral-free agricultural loans</b> (including allied agricultural activities) from ₹1.6 lakh to <b>₹2 lakh per borrower</b>, effective <b>January 1, 2025</b>.</li> <li>Under this new guideline, banks are instructed to <b>waive collateral and margin requirements</b> for loans up to ₹2 lakh per borrower, aiming to enhance credit accessibility for <b>small and marginal farmers</b>.</li> </ul>



Q. 47	<p>The terms “Vrittayata, Gaja-prishta and Caturasra” were used in ancient India to denote-</p> <p>a) Distinct schools of philosophical thought influencing temple rituals in early Dravidian traditions </p> <p>b) Specific types of structural materials used in Buddhist stupas and Mauryan palaces </p> <p>c) Geometric classifications of temple ground plans based on shape and layout principles in ancient Indian architecture </p> <p>d) Caste-based architectural roles assigned to artisans under the Silpa Shastra guild regulations </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• The terms “Vrittayata,” “Gaja-prishta,” and “Caturasra” are found in ancient Indian texts on temple architecture such as the <b>Shilpa Shastras</b> and <b>Vastu Shastra</b>.</li> <li>• These refer to <b>different shapes of temple ground plans</b>:</li> </ul> <ul style="list-style-type: none"> <li>❖ Vrittayata - Circular or elliptical plan.</li> <li>❖ Gaja-prishta - Literally "elephant-back", referring to an apsidal (semi-circular at one end) layout</li> <li>❖ Caturasra - Square or rectangular plan</li> </ul> <p>These geometric forms guided the layout, symmetry, and orientation of temples and were considered essential to the <b>spiritual and ritual efficacy</b> of the structure.</p>

Q. 48	<p>What was a significant negative environmental impact of the Green Revolution?</p> <p>a) Deforestation </p> <p>b) Soil degradation </p> <p>c) Increase in air pollution </p> <p>d) Ozone layer depletion </p>
Explanation:	<p><b>Explanation:</b></p> <p>While the <b>Green Revolution</b> (started in the 1960s) greatly increased agricultural production in India and other countries through high-yielding varieties (HYVs), chemical fertilizers, and irrigation, it also led to <b>serious environmental consequences</b>.</p> <p><b>Key Negative Environmental Impact:</b></p> <ul style="list-style-type: none"> <li>• <b>Soil degradation:</b></li> <li>• Excessive use of <b>chemical fertilizers, pesticides, and monoculture</b> cropping patterns led to a decline in <b>soil fertility, nutrient imbalance, and reduced organic content</b>.</li> <li>• <b>Over-irrigation</b> also caused <b>waterlogging and salinization</b>, further damaging the soil structure.</li> </ul>
Q. 49	<p>Which of the following is correctly matched, regarding the male reproductive system?</p> <p>a) Vas deferens - Regulation of the formation of sperms </p> <p>b) Testes - Formation of sperms </p> <p>c) Prostate gland - Secretion of testosterone hormone </p> <p>d) Seminal vesicles - Delivery of sperms </p>
Explanation:	<p><b>Explanation:</b></p> <p><b>Testes – Formation of sperms</b></p> <ul style="list-style-type: none"> <li>• The <b>testes</b> are the <b>primary male reproductive organs</b>.</li> <li>• They are responsible for the <b>production of sperm</b> (in seminiferous tubules) and <b>testosterone hormone</b> (by Leydig cells).</li> </ul> <p><b>They have two main functions:</b></p> <ul style="list-style-type: none"> <li>• <b>Spermatogenesis</b> – The production of sperm cells in tiny coiled tubes called seminiferous tubules.</li> <li>• <b>Hormone production</b> – They also produce the male sex hormone testosterone, which regulates male traits and sperm production.</li> </ul>

Q. 50	<p>Which statement is wrong about Lavani Dance?</p> <p>Lavani is characterized by powerful rhythm and expressive gestures, typically</p> <p>a) performed by female dancers and accompanied by the dholki percussion instrument. </p> <p>b) The primary region for Lavani performances is the state of Maharashtra, particularly in rural areas and in theatrical forms such as Tamasha. </p> <p>c) Lavani is also the main traditional dance of Punjab, where it is performed during harvest festivals. </p> <p>d) Lavani performances often highlight themes of romance, social satire, and daily life, and have significantly influenced Marathi folk theatre. </p>
Explanation:	<p><b>Explanation:</b></p> <p>Lavani is a traditional <b>folk dance</b> and <b>musical performance</b> that is:</p> <ul style="list-style-type: none"> <li>• Known for its <b>powerful rhythm</b> and <b>expressive gestures</b></li> <li>• Usually performed by <b>female dancers</b></li> <li>• Accompanied by the <b>dholki</b>, a traditional percussion instrument</li> </ul> <p>It is primarily performed in the state of <b>Maharashtra</b>, especially in:</p> <ul style="list-style-type: none"> <li>• <b>Rural areas</b></li> <li>• <b>Theatrical performances</b> known as <b>Tamasha</b>.</li> </ul>

Q. 51

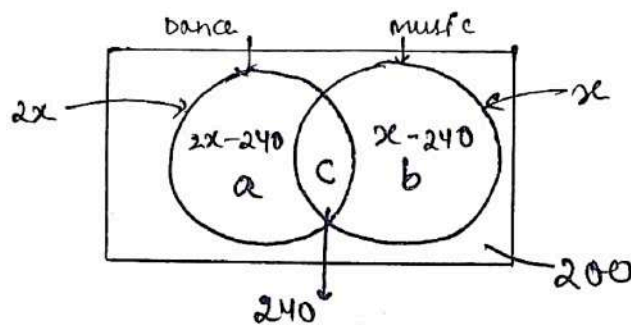
There are 800 students in an institution. Out of them some learn music and some learn dance, 30 percent of the total strength learn both. The number of students who learn dance is twice the number of students who learn music and the number of students who learn neither is 40 less than the number of the students learning both. How many students learn music?

a) 200 ✗

b) 560 ✗

c) 280 ✓

d) 240 ✗



Explanation:

$$\Rightarrow a + b + c = 800 - 200 \Rightarrow 600$$

$$\Rightarrow a + b + 240 = 600 \Rightarrow a + b = 360$$





$$\frac{\text{Dance learners}}{\text{Music learners}} = \frac{2x}{x}$$

$$\Rightarrow a + b + c = 600$$





$$\Rightarrow (2x - 240) + (x - 240) + 240 = 600$$

$$\Rightarrow 3x = 840 \Rightarrow x = 280$$

$\therefore$  Total number of students learning music =  $(x - 240) + 240 = x$   
 $\Rightarrow 280$  (Ans)


Q. 52	<p>A student finds the average of twenty 2-digit numbers. While copying numbers, by mistake, he writes one number with its digits interchanged. As a result of that his answer is 2.7 less than the correct answer. The difference of the digits of the number, in which he made mistake, is:</p> <p>a) 3 </p> <p>b) 5 </p> <p>c) 6 </p> <p>d) 4 </p>
Explanation:	<p>=&gt; Let the interchanged number be <math>xy \rightarrow 10x + y</math>          Difference in the number due to interchange = <math>10x + y - (10y + x) = 9(x - y) = 2.7 \times 20</math>  <math>\Rightarrow (x - y) = 6</math> (Ans)  <math>\therefore</math> The difference of the digits of the number is 6.</p>

Q. 53	<p>A shopping mall gave the following schemes of discounts for customers.</p> <p>Scheme-1: Two successive discounts of 15%.</p> <p>Scheme-2: A discount of 20% followed by a discount of 10%.</p> <p>Scheme-3: Successive discount of 17% and 13%.</p> <p>Scheme-4: A discount of 30%.</p> <p>The selling price will be minimum under which of the given scheme?</p> <p>a) Scheme- 2 </p> <p>b) Scheme- 3 </p> <p>c) Scheme- 4 </p> <p>d) Scheme- 1 </p>
Explanation:	<p>Scheme-1: Two successive discounts of 15%.</p> $15\% + 15\% - \frac{15 \times 15}{100} \Rightarrow 27.75\%$ <p>Scheme-2: A discount of 20% followed by a discount of 10%.</p> $20\% + 10\% - \frac{20 \times 10}{100} \Rightarrow 28\%$ <p>Scheme-3: Successive discount of 17% and 13%.</p> $17\% + 13\% - \frac{17 \times 13}{100} \Rightarrow 27.79$ <p>Scheme-4: A discount of 30%</p> <p>Therefore, the selling price will be minimum under the Scheme-4.</p>

**Q. 54**

Find the value of  $\frac{(1+\tan 345^\circ)(1-\tan 300^\circ)}{(1+\tan 350^\circ)(1-\tan 305^\circ)}$ .

a) 1 b) 0 c) 2 d) 4 **Explanation:**

$$\frac{(1 + \tan 345^\circ)(1 + \tan (360 - 300)^\circ)}{(1 + \tan 350^\circ)(1 + \tan (360 - 305)^\circ)}$$

$$\frac{(1 + \tan 345^\circ)(1 + \tan 60^\circ)}{(1 + \tan 350^\circ)(1 + \tan 55^\circ)}$$

We know that if  $A + B = 180n + 45$  where  $n$  is a whole number;

$$(1 + \tan A) * (1 + \tan B) = 2$$

Since;


$$1) \text{ Numerator } \Rightarrow A + B = 345 + 60 = 405 = 180 * 2 + 45$$

$$2) \text{ Denominator } \Rightarrow A + B = 350 + 55 = 405 = 180 * 2 + 45$$

So, our answer is





$$2/2 = 1$$

Q. 55

Find the remainder when  $[(19)^{23} + (27)^{23}]$  is divided by 23.a) 1 b) 0 c) 2 d) 3 

Explanation:





$$\begin{aligned} a^{\text{odd}} + b^{\text{odd}} &= (a+b) \times (\text{something}) \\ \Rightarrow (19)^{23} + (27)^{23} \\ \Rightarrow 46 \times (\dots) \\ \Rightarrow \frac{46 \times (\dots)}{23} = 0 \\ \therefore \text{Remainder} = 0 \end{aligned}$$

Q. 56	<p>A thief is spotted by a policeman from a distance of 560 metres. When the policeman starts the chase, the thief also starts running. If the speed of the thief is 19 km/h and that of the policeman is 23 km/h, then how far would the thief have run before he is caught?</p> <p>a) 1600 m </p> <p>b) 2660 m </p> <p>c) 2250 m </p> <p>d) 1720 m </p>
Explanation:	<p>Time is constant,</p> <p><math>\therefore \text{Distance} \propto \text{Speed}</math></p> $\frac{\text{Thief}}{\text{Police}} = \frac{19}{23}$ <p>4 <math>\Rightarrow</math> 560</p> <p>1 <math>\Rightarrow</math> 140</p> <p>19 <math>\Rightarrow</math> 140 <math>\times</math> 19 <math>\Rightarrow</math> 2660 m</p>



Q. 57

A cylinder of radius 7 cm and height 10 cm is cut into two equal parts horizontally to obtain two identical cylinders. What is the percentage increase in the total surface area?

- a) 29.43% 
- b) 38.23% 
- c) 41.18% 
- d) 34.29% 

Explanation:

Total surface area of the original cylinder =  $2\pi r(r+h) \Rightarrow 2 \times \pi \times 7(7+10)$   
 $\Rightarrow 238\pi$

Total surface area of two identical cylinders =  
 $\Rightarrow 2 \times 2\pi r(r+h) \Rightarrow 4\pi \times 7(7+5)$   
 $\Rightarrow 336\pi$

$$238\pi : 336\pi$$

$$\boxed{17 : 24}$$

$$\therefore \% \text{ increase} = \frac{7}{17} \times 100$$





$$\Rightarrow 41.18\% \text{ (Ans)}$$

**Q. 58**

The numbers of students who passed with different honours from a college during 2015 to 2018 are depicted in the given table. Study the table and answer the following question.

Year	Mathematics	Physics	Chemistry	Zoology	Botany
2015	10	5	8	7	5
2016	4	8	3	4	1
2017	15	10	8	5	3
2018	9	3	1	2	1

What is the ratio of the number of students who passed with Mathematics and Physics in the year 2015 to the students who passed with Chemistry, Zoology and Botany together in the year 2018?





- a) 12 : 19 
- b) 7 : 2 
- c) 2 : 3 
- d) 15 : 4 

**Explanation:**

The number of students who passed with Mathematics and Physics in the year 2015 =  $10 + 5 \Rightarrow 15$   
 The number of students who passed with Chemistry, Zoology and Botany in the year 2018 =  $1 + 1 + 2 \Rightarrow 4$   
 Ratio = 15 : 4

Q. 59

In a Monty Hall game with 6 doors, you pick one. The host opens 1 door revealing a goat. The host again opens 1 door revealing a goat again. If you switch to one of the remaining unopened doors, what are the odds in favour of winning?

a) 5/13 b) 2/3 c) 13/5 d) 13/18 **Explanation:**

- Probability your original pick is the car =  $1/6$
- Probability the car is **among the other 5 doors** =  $5/6$
- The host **always opens 2 goat doors, never the car**

This action gives information:

- If your initial pick was wrong ( $5/6$  chance), then **the car is among the other 5 doors**
- But the host removes 2 goat doors from these, leaving **3 unopened doors**

So now, after host opens 2 goats:





- Your door has a  **$1/6$  chance** of being the car
- The other **3 remaining unopened doors** collectively have a  **$5/6$  chance** of hiding the car

Assuming you pick **one at random** among these 3:

- Chance of winning =  $(5/6) \times (1/3) = 5/18$
- Chance of losing =  $1 - 5/18 = 13/18$
- **Odds in favour of winning** = Ratio of winning : losing  
=  $(5/18) : (13/18) = 5:13$

Q. 60

A man started off a business with a certain capital amount. In the first year, he earned 70% profit and donated 50% of the total capital (initial amount + profit). He followed the same procedure with the remaining capital after the second and the third year. If at the end of the three years, he is left with ₹19,652 what was the initial amount (in) with which the man started his business?

a) ₹40,000 b) ₹16,000 c) ₹32,000 d) ₹8000 

Explanation:

$$\left(\frac{170}{100} \times \frac{1}{2}\right)^3 \rightarrow 19,652$$

$$\Rightarrow \left(\frac{17}{20}\right)^3 \rightarrow 19,652$$

$$\Rightarrow \text{Ans} \Rightarrow 4 \times 8000$$

$$\Rightarrow 32,000 \text{ (Ans)}$$

Q. 61

The volume of a right pyramid is  $75\sqrt{3} \text{ cm}^3$  and its base is an equilateral triangle with side 12 cm. What is the height (in cm) of the pyramid?

a) 6.25 cm ✓

b) 12.5 cm ✗

c) 15.75 cm ✗

d) 3.25 cm ✗

Explanation:

$$\begin{aligned}\text{Volume of Pyramid} &= \\ \Rightarrow \frac{1}{3} \times \text{Area of base} \times \text{height} \\ \Rightarrow 75\sqrt{3} &= \frac{1}{3} \times \frac{\sqrt{3}}{4} \times 12 \times 12 \times h \\ \Rightarrow h &= 6.25\end{aligned}$$

Q. 62

Aarav had some sweets. When he distributed the sweets equally among 36 children, he found that 7 sweets were left. Had he distributed the sweets equally among 42 children and 49 children, he still would have had 13 and 20 sweets, respectively, left with him. But when he distributed them equally among 59 children, no sweets were left. The number of sweets that Aarav initially had may lie between \_\_\_\_\_.

- a) 8756 and 8772 
- b) 8782 and 8795 
- c) 8795 and 8810 
- d) 8778 and 8784 

Explanation:

$$\begin{aligned}
 36 - 7 &= 29 \\
 42 - 13 &= 29 \\
 49 - 20 &= 29
 \end{aligned}$$

$$\frac{\text{LCM of } (36, 42, 49)K - 29}{59}$$

$$\Rightarrow \frac{1764K - 29}{59}$$





$$K = 5$$

$$\frac{8820 - 29}{59} \Rightarrow \frac{8791}{59}$$

$$\Rightarrow 149 \text{ (equal sweets)}$$

$$\therefore \text{No. of sweets} = 8791$$

which lies b/w 8782 to 8798

<b>Q. 63</b>	<p>What would be the total amount (in Rs.) on principal amount Rs.1 lakh for 1 year at a compound interest rate of 12% per annum compounding is done half-yearly?</p> <p>a) 1,12,000 </p> <p>b) 1,06,180 </p> <p>c) 1,06,000 </p> <p>d) 1,12,360 </p>
<b>Explanation:</b>	<p>For half-yearly, rate = <math>12\%/2 \Rightarrow 6\%</math> Effective rate of Interest for 2 years @6% = 12.36% Amount = <math>1,00,000 \times 1.1236 = ₹112360</math></p>

Q. 64

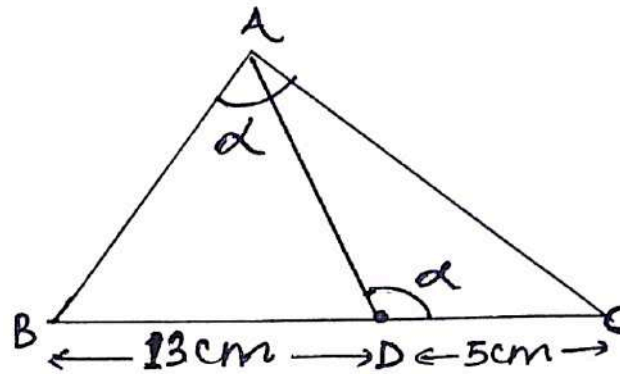
ABC is a triangle and D is a point on the side BC. If  $BC = 18$  cm,  $BD = 13$  cm and  $\angle ADC = \angle BAC$ , then the length of AC is equal to:

a)  $6\sqrt{10}$  ✗

b)  $3\sqrt{10}$  ✓

c)  $9\sqrt{10}$  ✗

d)  $2\sqrt{10}$  ✗



Explanation:

$$\triangle ADC \sim \triangle BAC$$

$$\Rightarrow \frac{CD}{AC} = \frac{AC}{BC}$$

$$\Rightarrow AC = \sqrt{CD \times BC}$$

$$\Rightarrow AC = \sqrt{5 \times 18}$$

$$\Rightarrow AC = 3\sqrt{10} \text{ (Ans)}$$



Q. 65

If  $x + \frac{1}{x} = 3\sqrt{2}$ , and  $x > 1$ , what is the value of  $(x^6 - \frac{1}{x^6})$ ?

a)  $1260\sqrt{7}$  ✗

b)  $1490\sqrt{7}$  ✗

c)  $1660\sqrt{7}$  ✗

d)  $1530\sqrt{7}$  ✓

Explanation:

$$x^6 - \frac{1}{x^6} = (x^3 + \frac{1}{x^3})(x^3 - \frac{1}{x^3})$$





$$\Rightarrow x + \frac{1}{x} = 3\sqrt{2}$$

$$\begin{aligned} \Rightarrow x^3 + \frac{1}{x^3} &= (3\sqrt{2})^3 - 3 \times 3\sqrt{2} \\ &= 54\sqrt{2} - 9\sqrt{2} \\ &= 45\sqrt{2} \end{aligned}$$

$$x - \frac{1}{x} = \sqrt{(3\sqrt{2})^2 - 4} = \sqrt{14}$$

$$\begin{aligned} x^3 - \frac{1}{x^3} &= (\sqrt{14})^3 + 3 \times \sqrt{14} \\ &= 17\sqrt{14} \end{aligned}$$

$$\begin{aligned} x^6 - \frac{1}{x^6} &= 45\sqrt{2} \times 17\sqrt{14} \\ &= 1530\sqrt{7} \text{ (Ans)} \end{aligned}$$

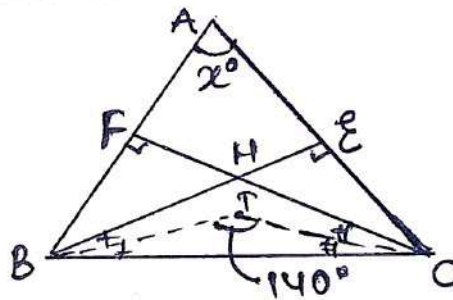
<b>Q. 66</b>	<p>The average of a non-zero number and its square is 4 times the number. The number is:</p> <p>a) 12 </p> <p>b) 9 </p> <p>c) 8 </p> <p>d) 7 </p>
<b>Explanation:</b>	$\frac{k + k^2}{2} = 4 \times k$ $k + k^2 = 8k \Rightarrow k^2 = 7k$ $\Rightarrow k = 7(Ans)$

Q. 67

In  $\triangle ABC$ ,  $\angle A = x^\circ$ . BE and CF are perpendiculars on AC and AB at E and F, respectively. BE and CF intersect each other at H. The bisectors of  $\angle HBC$  and  $\angle HCB$  intersect at T. If  $\angle BTC = 140^\circ$ , then what is the value of  $x$ ?

a)  $40^\circ$  ☒b)  $100^\circ$  ☒c)  $80^\circ$  ☒d)  $64^\circ$  ☒

Explanation:



$$\Rightarrow \angle BTC = 90^\circ + \frac{\angle BHC}{2}$$





$$\Rightarrow \angle BHC = 100^\circ$$

$$\angle BHC = \angle FHE \text{ (vertically opposite)}$$

$$\therefore x = 180 - 100 = 80^\circ \text{ (Ans)}$$

Q. 68

By what number should the fourth proportional of 6, 8 and 24 be multiplied, to get the third proportional of 16 and 32?

- a) 5   
b) 4   
c) 3   
d) 2 

Explanation:

Fourth proportional =

$$\frac{6}{8} = \frac{24}{x} \Rightarrow x = 32$$

Third proportional =

$$\frac{16}{32} = \frac{32}{y} \Rightarrow 64 = y$$

$$\therefore x \times 2 = y$$

Therefore, 2 needs to be multiplied to get the required answer.

Q. 69

A 12 hectare field is reaped by 3 men, 4 women and 5 children together in 12 days. If working capabilities of a man, a woman and a child are in the ratio 6 : 5 : 3, then a 18 hectare field will be reaped by 7 men, 5 women and 13 children in:

a) 8 days b) 9 days c) 10 days d) 12 days 

Explanation:

$$(3M + 4W + 5C) \times 12 = \text{Total work}$$

$$\Rightarrow (3 \times 6 + 4 \times 5 + 5 \times 3) \times 12 = 636 \text{ units}$$

$$12 \text{ hectare} \longrightarrow 636 \text{ units}$$

$$1 \text{ hectare} \longrightarrow 53 \text{ units}$$

$$18 \text{ hectares} \longrightarrow 53 \times 18 = 954 \text{ units}$$

$\therefore$  No. of days required =

$$\frac{53 \times 18}{7 \times 6 + 5 \times 5 + 13 \times 3} = \frac{53 \times 18}{106}$$

$\Rightarrow 9 \text{ days (Ans)}$

Q. 70

The graphs of the equations  $5x + 9y = 4$  and  $6x - 2y = 10$  intersect at the point P, which also lies on the graph of the equation.

a)  $3x + 5y = 2.5$  ✗

b)  $2x - 6y = 5.5$  ✓

c)  $3x + 4y = 8.5$  ✗

d)  $2x - 6y = 1.5$  ✗

Explanation:

$$\begin{aligned} (5x + 9y = 4) \times 6 \\ (6x - 2y = 10) \times 5 \\ \Rightarrow 30x + 54y = 24 \\ \quad 30x - 10y = 50 \\ \hline \quad \quad 64y = -26 \\ \quad \quad y = -\frac{13}{32} \end{aligned}$$

for  $x \Rightarrow$

$$\begin{aligned} \Rightarrow 6x - 2 \times \left(-\frac{13}{32}\right) &= 10 \\ \Rightarrow 6x &= 10 - \frac{13}{16} \Rightarrow x = \frac{147}{96} \\ x &\Rightarrow \frac{49}{32} \end{aligned}$$

from option (b),

$$\Rightarrow 2x - 6y = 5.5$$

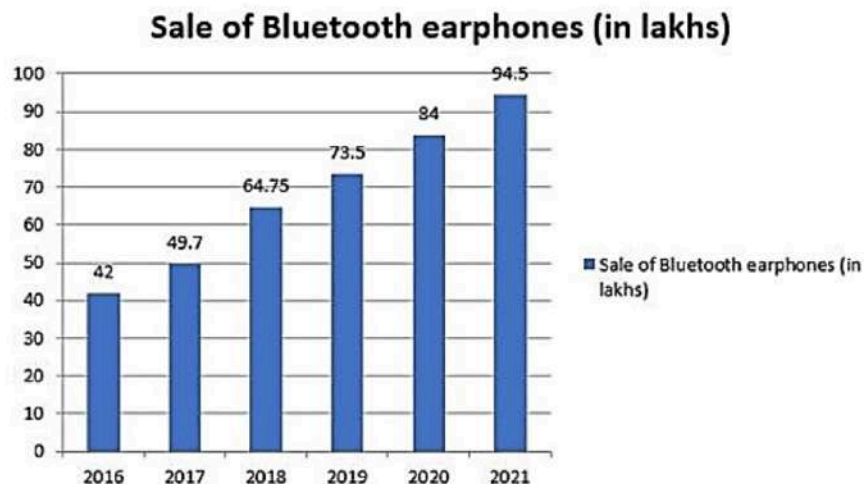
$$\Rightarrow 2 \times \frac{49}{32} - 6 \left(-\frac{13}{32}\right)$$

$$\Rightarrow \frac{98 + 78}{32} = \frac{176}{32} = \frac{44}{8}$$

$$\Rightarrow 5.5 \text{ (Ans)}$$

Q. 71

The following bar graph shows the sale of Bluetooth earphones on online market places over the years.



If the sales increase by 20% in 2022 from 2021, find the average sales of the five year period 2018-2022.

- a) 79.45 lakhs ✗
- b) 92.02 lakhs ✗
- c) 86.03 lakhs ✓
- d) 82.16 lakhs ✗

**Explanation:**

Sales of Bluetooth earphones in 2022 =  $94.5 \times 1.2 \Rightarrow 113.4$  lakhs



Average sales of five years period from 2018 to 2022 =

$$\Rightarrow \frac{64.75 + 73.5 + 84 + 94.5 + 113.4}{5} \Rightarrow \frac{430.15}{5}$$

$\Rightarrow 86.03$  lakhs

Q. 72

A, B and C are three numbers. If A exceeds B by 90% and B is 20% less than C, then A : C is:

a) 38 : 27 b) 37 : 25 c) 36 : 25 d) 38 : 25 

Explanation:

$$\frac{A}{B} = \frac{190}{100} = \frac{19}{10}$$

$$\frac{B}{C} = \frac{80}{100} = \frac{4}{5}$$

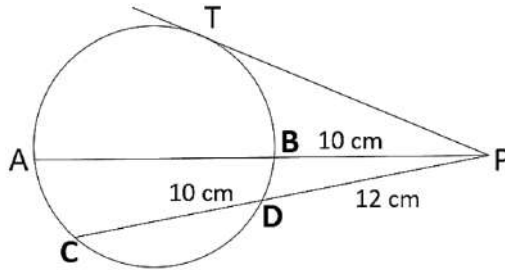
$$\begin{array}{ccc} A & : & B & : & C \\ 38 & & 20 & & 25 \end{array}$$

$$\therefore A : C = 38 : 35$$



Q. 73

In the given figure, diameter AB and chord CD of a circle meet at P. PT is a tangent to the circle at T. If  $CD = 10$  cm,  $PD = 12$  cm and  $PB = 10$  cm, find AB.







- a) 13.2 cm ✗  
 b) 16.4 cm ✓  
 c) 14.4 cm ✗  
 d) 17.6 cm ✗

Explanation:

$$\begin{aligned}
 PB \times PA &= PD \times PC \\
 \Rightarrow 10 \times PA &= 12 \times 22 \\
 \Rightarrow PA &= 26.4 \\
 \therefore AB &= 26.4 - 10 \\
 &\Rightarrow 16.4 \text{ cm (Ans)}
 \end{aligned}$$

Q. 74

Find the HCF of  $2^4 \times 3^7 \times 5 \times 7^3$ ,  $2^3 \times 3^6 \times 5^4 \times 7$  and  $2^2 \times 3^2 \times 5^2 \times 7^8$ .

- a) 420 
- b) 1680 
- c) 1260 
- d) 210 





Explanation:

$$\begin{aligned}
 &2^4 \times 3^7 \times 5 \times 7^3 \\
 &2^3 \times 3^6 \times 5^4 \times 7 \\
 &2^2 \times 3^2 \times 5^2 \times 7^8 \\
 \\ 
 &\text{HCF} = 2^2 \times 3^2 \times 5 \times 7 \\
 &\Rightarrow 1260 \text{ (Ans)}
 \end{aligned}$$

Q. 75





Find the class marks of median class of the following data if median is 43:

Marks obtained	0 - 20	20 - 40	40 - 60	60 - 80	80 - 100
Number of students	8	10	13	6	3

- a) 30 
- b) 50 
- c) 60 
- d) 80 

Explanation:

Here the median is 43 and the corresponding class is 40 - 60. So, class mark of the class 40 - 60 is:  $40 + 60 / 2 = 50$

Q. 76	<p>Choose the word that is most similar in meaning to the word "Gaudy".</p> <p>a) Elegant </p> <p>b) Showy </p> <p>c) Subtle </p> <p>d) Modest </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) Elegant:</b> "Elegant" means graceful and stylish in appearance or manner. It is generally associated with tasteful beauty, which is the opposite of "gaudy."</li> <li>• <b>B) Showy:</b> "Showy" means flashy, attracting attention by being bright or excessively elaborate—just like "gaudy," which refers to something that is extravagantly bright or tastelessly ornamented.</li> <li>• <b>C) Subtle:</b> "Subtle" means not obvious, delicate, or understated. This is the opposite of "gaudy."</li> <li>• <b>D) Modest:</b> "Modest" means not showy or extravagant; humble. Again, this is the opposite of "gaudy."</li> </ul> <p><b>Hindi Meanings</b></p> <p>Gaudy (asked word) = भड़कीला / चमकदार</p> <p>Showy (correct answer) = दिखावटी / भड़कीला</p> <p>Elegant = सुरुचिपूर्ण</p> <p>Subtle = सूक्ष्म / महीन</p> <p>Modest = विनम्र / सरल</p>

Q. 77

Choose the correct one-word substitution for the phrase:  
 "An object kept as a reminder of a person, place, or event."

a) Trophy b) Souvenir c) Manuscript d) Portrait 

Explanation:

**Explanation:**

- **A) Trophy:**

A "trophy" is an object awarded as a prize for victory or success, especially in sports. While it can be a keepsake, it is specifically for achievements, not generally for memories of people, places, or events.

- **B) Souvenir:**

A "souvenir" is an object kept as a reminder of a person, place, or event. This is the precise definition required by the question.

- **C) Manuscript:**

A "manuscript" is a handwritten or typed document, especially a writer's composition, draft, or book. It is not a keepsake or memento.

- **D) Portrait:**

A "portrait" is a painting, drawing, or photograph of a person. While it can serve as a reminder, it is specifically an image, not any object kept as a memento.





**Hindi Meanings**





Trophy = ट्रॉफी / पुरस्कार





Souvenir = स्मृति चिन्ह / यादगार





Manuscript = पांडुलिपि

Portrait = चित्र / व्यक्ति का चित्रण

Q. 78	<p>Which of the following is the correct passive form?</p> <p>The Meghalaya Cabinet approved the "CM ASSURE" scheme to protect small and marginal farmers from distress sales during price drops.</p> <p>The "CM ASSURE" scheme was approved by the Meghalaya Cabinet to</p> <p>a) protect small and marginal farmers from distress sales during price drops. </p> <p>b) The "CM ASSURE" scheme approves the Meghalaya Cabinet to protect small and marginal farmers from distress sales during price drops. </p> <p>The Meghalaya Cabinet is approving the "CM ASSURE" scheme to</p> <p>c) protect small and marginal farmers from distress sales during price drops. </p> <p>The "CM ASSURE" scheme is being approved by the Meghalaya Cabinet</p> <p>d) to protect small and marginal farmers from distress sales during price drops. </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>Option A (Correct):</b> This option correctly changes the sentence from active to passive voice, making the object ("the 'CM ASSURE' scheme") the subject and using the appropriate past tense ("was approved").</li> <li>• <b>Option B:</b> Incorrect subject-verb relationship; the scheme cannot approve the Cabinet.</li> <li>• <b>Option C:</b> Uses present continuous tense and remains in active voice.</li> <li>• <b>Option D:</b> Uses present continuous passive, which does not match the original simple past tense.</li> </ul>





Q. 79	<p>Choose the sentence in which the underlined word is spelled correctly.</p> <p>a) The manager decided to <u>acquiesce</u> to the board's demands after a long discussion. </p> <p>b) Despite her reservations, she chose to <u>acquiesce</u> to her friend's suggestion. </p> <p>c) He was unwilling to <u>aquiesce</u> in the unfair decision. </p> <p>d) The team had to <u>acquiese</u> to the new regulations. </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) acquiesce:</b> Incorrect spelling. The correct spelling is "acquiesce" (with "quie" in the middle).</li> <li>• <b>B) acquiesce:</b> Correct spelling. "Acquiesce" means to accept something reluctantly but without protest.</li> <li>• <b>C) aquiesce:</b> Incorrect spelling. Missing the "c" after "a" ("acquiesce" is correct).</li> <li>• <b>D) acquiese:</b> Incorrect spelling. Missing the "c" before the final "e" ("acquiesce" is correct).</li> </ul> <p><b>Hindi Meanings</b></p> <p>Acquiesce = बिना विरोध के मान लेना / चुपचाप स्वीकार करना</p>





<b>Q. 80</b>	<p>Select the option that best completes the sentence in accordance with subject-verb agreement.</p> <p>According to today's news, a series of cyberattacks _____ reported on major government websites this morning.</p> <p>a) was </p> <p>b) were </p> <p>c) is </p> <p>d) have </p>
<b>Explanation:</b>	<p>Explanation:</p> <ul style="list-style-type: none"><li>• <b>A) was:</b> Correct. The subject "a series" is singular, so the verb should also be singular ("was reported"). The phrase "of cyberattacks" is a prepositional phrase and does not affect the verb.</li><li>• <b>B) were:</b> Incorrect. "Were" is plural, but the main subject "a series" is singular.</li><li>• <b>C) is:</b> Incorrect. "Is" is singular but does not fit the past tense context indicated by "this morning" and "reported."</li><li>• <b>D) have:</b> Incorrect. "Have" is plural and present perfect, which does not match the singular subject or the past tense context.</li></ul>

Q. 81	<p>Rearrange the following parts (P, Q, R, S) to form the most coherent and meaningful sentence about the latest RBI policy for the digital rupee (e-Rupee):</p> <p>P. The Reserve Bank of India has introduced new features to the digital rupee, including offline transaction capability and programmable payments, aiming to enhance its use in areas with poor connectivity</p> <p>Q. and to allow specific payments like subsidies to be programmed directly.</p> <p>a) PQRS </p> <p>b) PRQS </p> <p>c) QPRS </p> <p>d) RPQS </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) PQRS:</b> This sequence logically introduces the RBI's new features (P), specifies what those features are (Q), explains the purpose of offline capability (R), and adds the benefit of programmable payments (S).</li> <li>• <b>B) PRQS:</b> This order breaks the logical flow by jumping from the introduction to the purpose before listing the features, making the sentence less coherent.</li> <li>• <b>C) QPRS:</b> Starting with the features without context makes the sentence confusing and incomplete.</li> <li>• <b>D) RPQS:</b> Beginning with the purpose before mentioning the RBI or the features lacks clarity and logical progression.</li> </ul>



<b>Q. 82</b>	<p>Choose the correct meaning of the idiom: <b>Dead Ringer</b></p> <p>a) A person who is always late ❌</p> <p>b) An exact lookalike ✅</p> <p>c) Someone who pretends to be dead ❌</p> <p>d) A person who never tells the truth ❌</p>
<b>Explanation:</b>	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• <b>A. A person who is always late:</b> This is unrelated to the idiom.</li><li>• <b>B. An exact lookalike (Correct):</b> "Dead ringer" refers to someone or something that looks exactly like another; an exact duplicate or double.</li><li>• <b>C. Someone who pretends to be dead:</b> This is a literal misinterpretation of the words.</li><li>• <b>D. A person who never tells the truth:</b> This has no connection to the idiom's meaning.</li></ul>





Q. 83	<p>Choose the correct option in fill in the blank.</p> <p>The recent Ahmedabad plane crash, which occurred in June 2025, has prompted authorities to launch a thorough _____ into the causes of the accident.</p> <p>a) interrogation </p> <p>b) investigation </p> <p>c) inspection </p> <p>d) intervention </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>Investigation</b> (correct): Refers to a formal examination to uncover facts, fitting the context of determining crash causes.</li> <li>• <b>Interrogation</b>: Relates to questioning individuals, not systemic analysis.</li> <li>• <b>Inspection</b>: A general check, less comprehensive than an investigation.</li> <li>• <b>Intervention</b>: Implies active involvement to alter outcomes, irrelevant here.</li> </ul> <p><b>Hindi Meanings</b></p> <p>Interrogation = पूछताछ / सवाल-जवाब</p> <p>Investigation = जांच / पड़ताल</p> <p>Inspection = निरीक्षण / जांच</p> <p>Intervention = हस्तक्षेप / बीच में दखल देना</p>

<b>Q. 84</b>	<p>Which of the following is the correct passive form?</p> <p>Heavy rainfall triggered a series of landslides at Chaten in Sikkim.</p> <p>a) A series of landslides was triggered by heavy rainfall at Chaten in Sikkim. </p> <p>b) Heavy rainfall was triggered by a series of landslides at Chaten in Sikkim </p> <p>c) A series of landslides triggers heavy rainfall at Chaten in Sikkim. </p> <p>d) A series of landslides is triggering heavy rainfall at Chaten in Sikkim. </p>
<b>Explanation:</b>	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• Option A correctly converts the sentence to passive, making "a series of landslides" the subject and "heavy rainfall" the agent.</li><li>• Option B reverses the cause and effect, which is incorrect.</li><li>• Option C uses the wrong tense and reverses the relationship.</li><li>• Option D uses the present continuous tense and reverses the cause-effect relationship.</li></ul>

Q. 85

Choose the correct option in fill in the blank.

The G7 Summit 2025 concluded with leaders emphasizing the need for global cooperation to tackle \_\_\_\_\_ challenges such as climate change and economic instability.

- a) obsolete 
- b) trivial 
- c) mundane 
- d) multifaceted 

Explanation:

Explanation:

- **Multifaceted** (correct): Means having many aspects, aligning with complex issues like climate and economy.
- **Obsolete**: Outdated, irrelevant to current challenges.
- **Mundane**: Ordinary or dull, contrasting the urgency of global crises.
- **Trivial**: Unimportant, opposite of the intended meaning.





Hindi Meanings

Obsolete = पुराना / अप्रचलित

Trivial = तुच्छ / सामान्य

Mundane = साधारण / सांसारिक

Multifaceted = बहुपक्षीय / कई गुणों वाला

<b>Q. 86</b>	<p>Choose the correct meaning of the idiom:</p> <p><b>Cry in the Wilderness</b></p> <p>a) To express an unpopular opinion that is ignored </p> <p>b) To cry loudly in public </p> <p>c) To celebrate a great victory </p> <p>d) To complain about minor issues </p>
<b>Explanation:</b>	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• <b>A. To express an unpopular opinion that is ignored</b> (Correct): "Cry in the wilderness" means to voice an idea, warning, or opinion that no one listens to or pays attention to, much like a lone voice unheard in a vast wilderness.</li><li>• <b>B. To cry loudly in public:</b> This is a literal interpretation and not the idiomatic meaning.</li><li>• <b>C. To celebrate a great victory:</b> This is unrelated to the idiom.</li><li>• <b>D. To complain about minor issues:</b> This does not capture the sense of being ignored or isolated.</li></ul>

Q. 87

Choose the word that is most opposite in meaning to the word "Invidious".

a) Unfair b) Pleasant c) Offensive d) Envious 

Explanation:

**Explanation:**• **A) Unfair:**

"Unfair" means not just or impartial. "Invidious" also means likely to arouse resentment or anger in others, often because something is unfair or unjust. Thus, "unfair" is similar in meaning, not opposite.

• **B) Pleasant:**

"Pleasant" means giving a sense of happy satisfaction or enjoyment. This is the direct opposite of "invidious," which means likely to cause resentment or anger.

• **C) Offensive:**

"Offensive" means causing someone to feel deeply hurt, upset, or angry. This is similar to "invidious," not its antonym.

• **D) Envious:**

"Envious" means feeling or showing envy. While related in root, it is not the opposite of "invidious."

**Hindi Meanings**









Invidious = ईर्ष्या उत्पन्न करने वाला / अपमानजनक

Pleasant = सुखद / मनभावन

Unfair = अन्यायपूर्ण

Offensive = अपमानजनक / आक्रामक

Envious = ईर्ष्यालु

Q. 88	<p>Choose the correctly spelled word from the options below:</p> <p>a) Missionery </p> <p>b) Missionarry </p> <p>c) Missionary </p> <p>d) Missioneryy </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) Missionery:</b> Incorrect spelling. The correct ending is "-ary," not "-ery."</li> <li>• <b>B) Missionarry:</b> Incorrect spelling. There is only one "r" before the "y" in "missionary."</li> <li>• <b>C) Missionary:</b> Correct spelling. "Missionary" refers to a person sent on a religious mission, especially one sent to promote Christianity in a foreign country.</li> <li>• <b>D) Missioneryy:</b> Incorrect spelling. The word contains extra letters and the wrong ending.</li> </ul> <p><b>Hindi Meanings</b></p> <p>Missionary = धर्म प्रचारक / मिशनरी</p>
Q. 89	<p>Which of the following is the correct indirect form?</p> <p>Gandhiji said, "The Quit India Movement will bring us freedom."</p> <p>a) Gandhiji said that the Quit India Movement would bring them freedom. </p> <p>b) Gandhiji said that the Quit India Movement will bring us freedom. </p> <p>c) Gandhiji said that the Quit India Movement would bring us freedom. </p> <p>d) Gandhiji said that the Quit India Movement will bring them freedom. </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• Option A (Correct): Changes the reporting verb to the past tense, "will" to "would," and "us" to "them" for correct indirect speech.</li> <li>• Option B: Fails to change "will" to "would" and "us" to "them."</li> <li>• Option C: Only changes "will" to "would," but keeps "us" instead of "them."</li> <li>• Option D: Changes "us" to "them" but fails to change "will" to "would."</li> </ul>

Q. 90

Choose the correct Homonyms to fill in the blank:

The leader's speech was meant to \_\_\_\_\_ the crowd to take action, but only a few people showed true \_\_\_\_\_ into the problem.

a) insight, incite b) incite, insight c) incite, incite d) insight, insight 

Explanation:

**Explanation:**• **A) insight, incite:**

"Insight" means deep understanding, and "incite" means to provoke or stir up. The first blank needs "incite" (to provoke the crowd), and the second blank needs "insight" (understanding the problem). This option reverses the correct usage.

• **B) incite, insight:**

"Incite" correctly fits the context of provoking the crowd, and "insight" fits the context of understanding the problem.

• **C) incite, incite:**

Using "incite" in both blanks is incorrect because the second blank requires a word meaning understanding, not provoking.

• **D) insight, insight:**





Using "insight" in both blanks is incorrect because the first blank requires a word meaning to provoke, not to understand.





**Hindi Meanings**





Incite = उकसाना / भड़काना

Insight = अंतर्दृष्टि / गहन समझ



Q. 91	<p>Rearrange the following parts (P, Q, R, S) to form the most coherent and meaningful sentence about the latest developments regarding the okapi, an endangered species:</p> <p>P. In February 2025, an okapi returned to the Okapi Wildlife Reserve in the Democratic Republic of Congo</p> <p>Q. after being rescued in a nearby city and relocated by rangers working with the Okapi Conservation Project,</p> <p>R. marking the first time in over a decade that this rare “forest unicorn” was seen in its native habitat</p> <p>S. following a brutal militia attack in 2012 that had devastated the local okapi population.</p> <p>a) QPRS </p> <p>b) SRPQ </p> <p>c) RPQS </p> <p>d) PQRS </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) QPRS:</b> Starting with the rescue (Q) lacks context about what or who was rescued, making the sentence unclear.</li> <li>• <b>B) SRPQ:</b> Beginning with the background (S) before introducing the recent event (P) disrupts the logical and chronological flow.</li> <li>• <b>C) RPQS:</b> Starting with the significance (R) before mentioning the event (P) and the actions (Q) is confusing and illogical.</li> <li>• <b>D) PQRS:</b> This order introduces the event (P), explains the rescue and relocation (Q), highlights its significance (R), and finally provides the historical context (S). The sequence is logical and coherent.</li> </ul>

Q. 92	<p>Select the part of the sentence that has error in it. If there is no error in any part of the sentence, select "No error."</p> <p>Hardly had she finished her speech when the audience began to applaud loudly.</p> <p>a) Hardly had she </p> <p>b) Finished her speech when </p> <p>c) the audience began to applaud loudly </p> <p>d) No error </p>
Explanation:	<p><b>Explanation:</b></p> <ul style="list-style-type: none"> <li>• <b>A) hardly had she:</b> According to adverb rule hardly connects with had directly which means option (A) is correct.</li> <li>• <b>B) finished her speech when:</b> "When" conjunction is used with "Hardly" and here it is also correct.</li> <li>• <b>C) the audience began to applaud loudly:</b> The tense and everything is correctly used here too.</li> <li>• <b>D) No error</b> The original sentence places the adverb "loudly" directly before the verb "applaud," which is the most natural and grammatically correct placement in this context.</li> </ul>

Q. 93	<p>Choose the word that best matches the following description: A cover for the blade of a knife or sword.</p> <p>a) A trophy is an object awarded as a prize for victory or success, especially in sports. </p> <p>b) A sheath is a cover for the blade of a knife or sword. </p> <p>c) A manuscript is a handwritten or typed document, especially a writer's composition, draft, or book. </p> <p>d) A portrait is a painting, drawing, or photograph of a person. </p>
Explanation:	<p>Explanation of Each Option:</p> <ul style="list-style-type: none"><li>• <b>A) Trophy:</b> This describes a prize or award, not a cover for a blade.</li><li>• <b>B) Sheath:</b> This is the correct definition. A sheath is specifically a protective cover for the blade of a knife or sword.</li><li>• <b>C) Manuscript:</b> This refers to a handwritten or typed document, not related to blades or covers.</li><li>• <b>D) Portrait:</b> This is a visual representation of a person, not a cover for a blade.</li></ul>

<b>Q. 94</b>	<p>Find the part of the sentence that contains an error related to subject-verb agreement. If there is no error, select option D.</p> <p>The number of endangered olive ridley turtles have increased rapidly along the Odisha coast in recent months.</p> <p>a) The number of endangered olive ridley turtles ❌</p> <p>b) have increased rapidly ✅</p> <p>c) along the Odisha coast in recent months ❌</p> <p>d) No error ❌</p>
<b>Explanation:</b>	<p><b>Explanation:</b></p> <ul style="list-style-type: none"><li>• <b>A) The number of endangered olive ridley turtles:</b> This is the correct subject. "The number of" is a singular subject, referring to the total count.</li><li>• <b>B) have increased rapidly:</b> Error. With the singular subject "The number," the verb should be "has increased," not "have increased."</li><li>• <b>C) along the Odisha coast in recent months:</b> This is a correct prepositional phrase indicating location and time.</li><li>• <b>D) No error:</b> There is an error in part B, so this is incorrect.</li></ul>

Q. 95

Choose the word that is most similar in meaning to the word "Gnome".

a) Dwarf b) Giant c) Angel d) Wizard 

Explanation:

**Explanation:**• **A) Dwarf:**

A "gnome" is a mythical creature often depicted as a small, human-like being who lives underground. "Dwarf" also refers to a small, often magical being in folklore. Therefore, "dwarf" is the closest synonym.

• **B) Giant:**

A "giant" is a mythical being of enormous size, which is the opposite of a "gnome."

• **C) Angel:**

An "angel" is a spiritual being often depicted as benevolent and celestial, not related to the concept of a "gnome."

• **D) Wizard:**

A "wizard" is a person with magical powers, typically depicted as human and not specifically small or underground-dwelling like a gnome.

**Hindi Meanings**

Gnome = बौना / पौराणिक छोटा प्राणी

Dwarf = बौना

Giant = दैत्य / विशालकाय

Angel = देवदूत / फरिश्ता

Wizard = जादूगर

Q. 96

In the following passage, there are five blanks. Each blank has four options. Choose the word that best fits the context of the passage.

On June 12, 2025, an Air India Dreamliner crashed shortly after take-off from Ahmedabad, resulting in one of the deadliest aviation disasters in India's history. The aircraft, carrying over 240 people, lost \_\_\_\_\_ (1) and crashed into a nearby building, causing a massive fire and widespread panic. Emergency teams responded quickly, but the devastation was severe, with only a few survivors pulled from the wreckage. The government expressed deep sorrow and announced that a formal \_\_\_\_\_ (2) would be conducted to determine the cause of the accident.

Initial findings suggest that the plane may have suffered a technical \_\_\_\_\_ (3) soon after becoming airborne. Authorities have promised to take all necessary \_\_\_\_\_ (4) to support the victims' families and prevent such tragedies in the future. As the investigation continues, officials have urged citizens to stay \_\_\_\_\_ (5) for further updates and have partially resumed airport operations. Select the option (1) that best completes the sentence and fits the meaning of the passage.

a) altitude 

b) gratitude 

c) solitude 

d) appetite 

Explanation:

**Explanation:**

Only "altitude" fits the context of an aircraft crash.

**Hindi Meanings**

Altitude = ऊँचाई

Gratitude = कृतज्ञता / आभार

Solitude = एकांत / अकेलापन

Appetite = भूख / इच्छा

Q. 97

In the following passage, there are five blanks. Each blank has four options. Choose the word that best fits the context of the passage.

On June 12, 2025, an Air India Dreamliner crashed shortly after take-off from Ahmedabad, resulting in one of the deadliest aviation disasters in India's history. The aircraft, carrying over 240 people, lost \_\_\_\_\_ (1) and crashed into a nearby building, causing a massive fire and widespread panic. Emergency teams responded quickly, but the devastation was severe, with only a few survivors pulled from the wreckage. The government expressed deep sorrow and announced that a formal \_\_\_\_\_ (2) would be conducted to determine the cause of the accident.

Initial findings suggest that the plane may have suffered a technical \_\_\_\_\_ (3) soon after becoming airborne. Authorities have promised to take all necessary \_\_\_\_\_ (4) to support the victims' families and prevent such tragedies in the future. As the investigation continues, officials have urged citizens to stay \_\_\_\_\_ (5) for further updates and have partially resumed airport operations. Select the option (2) that best completes the sentence and fits the meaning of the passage.

- a) investigation 
- b) celebration 
- c) negotiation 
- d) invitation 

Explanation:

**Explanation:**

A formal investigation is conducted after accidents.

**Hindi Meanings**

Investigation = जांच / पड़ताल

Celebration = उत्सव / जश्न

Negotiation = बातचीत / मोलभाव





Invitation = निमंत्रण / बुलावा

Q. 98

In the following passage, there are five blanks. Each blank has four options. Choose the word that best fits the context of the passage.

On June 12, 2025, an Air India Dreamliner crashed shortly after take-off from Ahmedabad, resulting in one of the deadliest aviation disasters in India's history. The aircraft, carrying over 240 people, lost \_\_\_\_\_ (1) and crashed into a nearby building, causing a massive fire and widespread panic. Emergency teams responded quickly, but the devastation was severe, with only a few survivors pulled from the wreckage. The government expressed deep sorrow and announced that a formal \_\_\_\_\_ (2) would be conducted to determine the cause of the accident.

Initial findings suggest that the plane may have suffered a technical \_\_\_\_\_ (3) soon after becoming airborne. Authorities have promised to take all necessary \_\_\_\_\_ (4) to support the victims' families and prevent such tragedies in the future. As the investigation continues, officials have urged citizens to stay \_\_\_\_\_ (5) for further updates and have partially resumed airport operations. Select the option (3) that best completes the sentence and fits the meaning of the passage.

- a) pleasure 
- b) honour 
- c) error 
- d) lecture 

Explanation:

**Explanation:**

"Technical error" is the correct term for a malfunction.

**Hindi Meanings**

Pleasure = सुख / आनंद

Honour = सम्मान

Error = त्रुटि / गलती

Lecture = व्याख्यान / पाठ







Q. 99

In the following passage, there are five blanks. Each blank has four options. Choose the word that best fits the context of the passage.

On June 12, 2025, an Air India Dreamliner crashed shortly after take-off from Ahmedabad, resulting in one of the deadliest aviation disasters in India's history. The aircraft, carrying over 240 people, lost \_\_\_\_\_ (1) and crashed into a nearby building, causing a massive fire and widespread panic. Emergency teams responded quickly, but the devastation was severe, with only a few survivors pulled from the wreckage. The government expressed deep sorrow and announced that a formal \_\_\_\_\_ (2) would be conducted to determine the cause of the accident.

Initial findings suggest that the plane may have suffered a technical \_\_\_\_\_ (3) soon after becoming airborne. Authorities have promised to take all necessary \_\_\_\_\_ (4) to support the victims' families and prevent such tragedies in the future. As the investigation continues, officials have urged citizens to stay \_\_\_\_\_ (5) for further updates and have partially resumed airport operations. Select the option (4) that best completes the sentence and fits the meaning of the passage.

- a) decorations 
- b) precautions 
- c) instructions 
- d) interruptions 

Explanation:

**Explanation:**

Precautions are measures to prevent future incidents.

**Hindi Meanings**

Decorations = सजावट / अलंकरण

Precautions = सावधानियां / एहतियात

Instructions = निर्देश / आदेश





Interruptions = बाधाएं / व्यवधान

Q. 100

In the following passage, there are five blanks. Each blank has four options. Choose the word that best fits the context of the passage.

On June 12, 2025, an Air India Dreamliner crashed shortly after take-off from Ahmedabad, resulting in one of the deadliest aviation disasters in India's history. The aircraft, carrying over 240 people, lost \_\_\_\_\_ (1) and crashed into a nearby building, causing a massive fire and widespread panic. Emergency teams responded quickly, but the devastation was severe, with only a few survivors pulled from the wreckage. The government expressed deep sorrow and announced that a formal \_\_\_\_\_ (2) would be conducted to determine the cause of the accident.

Initial findings suggest that the plane may have suffered a technical \_\_\_\_\_ (3) soon after becoming airborne. Authorities have promised to take all necessary \_\_\_\_\_ (4) to support the victims' families and prevent such tragedies in the future. As the investigation continues, officials have urged citizens to stay \_\_\_\_\_ (5) for further updates and have partially resumed airport operations. Select the option (5) that best completes the sentence and fits the meaning of the passage.

- a) delayed 
- b) notified 
- c) updated 
- d) tuned 

Explanation:

**Explanation:**

"Stay tuned" means to keep watching or listening for updates.

**Hindi Meanings**

Delayed = विलंबित / देर किया हुआ

Notified = सूचित किया गया

Updated = अद्यतित किया गया / नवीनतम किया गया

Tuned = सुर में मिलाया हुआ / ठीक किया हुआ