









RBE SSC CGL 2025 Live Mock August 17,2025

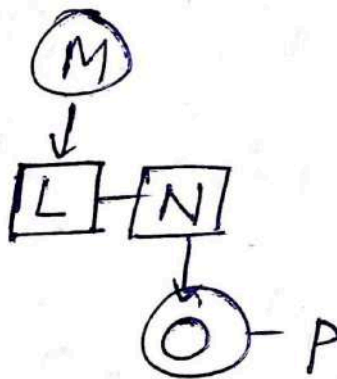
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| Q. 1 | <p>Directions: In the question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follow(s) for pursuing.</p> <p>Statement: Due to increasing road accidents caused by overspeeding, the traffic department has installed speed cameras at various major intersections to monitor vehicle speed and penalize offenders.</p> <p>Courses of Action:</p> <p>I. Drivers should ensure their vehicles are within speed limits when approaching intersections.</p> <p>II. Citizens should avoid using roads that have speed cameras to escape fines.</p> <p>a) Only I follows </p> <p>b) Only II follows </p> <p>c) Both I and II follow </p> <p>d) None of the above follows. </p> |
| Explanation: | <p>Explanation: The purpose of installing speed cameras is to reduce accidents by ensuring drivers follow speed limits.</p> <ul style="list-style-type: none"> • Statement I suggests that drivers should stay within speed limits near intersections, which supports the goal of the traffic department. So, it follows. • Statement II suggests avoiding roads with cameras to escape fines, which promotes rule-breaking. So, it does not follow. <p>Therefore, only Statement I is a logical course of action.</p> |

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| Q. 2 | <p>You're heading to an important job interview when you realize you've spilled coffee on your shirt just as you reach the building. What would be the best thing to do?</p> <p>a) Panic and try to cover the stain with your hands during the interview </p> <p>b) Leave immediately and cancel the interview altogether </p> <p>c) Calmly explain the situation to the interviewer and proceed confidently </p> <p>d) Get upset and spend 30 minutes trying to clean it in the restroom, risking being late </p> |
| Explanation: | <p>Explanation: Accidents happen, and staying calm shows professionalism. Instead of panicking, wasting time, or cancelling the interview, the best approach is to be honest and composed. Briefly explain the situation, then focus on the interview. Confidence and how you handle unexpected problems matter more than a stained shirt.</p> <p>Answer: Calmly explain the situation to the interviewer and proceed confidently</p> |





Q. 3





 $A + B$ means A is the father of B $A - B$ means A is the mother of B $A \times B$ means A is the son of B $A \div B$ means A is the sister of BIf $L \times M - N + O \div P$, then which of the following is true?a) L is the sister of N ✗b) N is the brother of M ✗c) M is the mother of O ✗d) N is the father of P ✓

Explanation:



'N' is the father of 'P'.
(O → Female, □ → Male)

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| Q. 4 | <p>Directions: In the question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follow(s) for pursuing.</p> <p>Statement: To reduce fraudulent admissions, the national education board has made biometric verification mandatory at every stage of college enrolment.</p> <p>Courses of Action:</p> <p>I. Students should be trained to operate biometric machines to speed up the process.</p> <p>II. Authorities should establish strict protocols to handle biometric failures, ensuring legitimate candidates aren't unfairly rejected.</p> <p>a) Only I follows. </p> <p>b) Only II follows. </p> <p>c) Both I and II follow </p> <p>d) None of the above follows. </p> |
| Explanation: | <p>Answer: Only II follows.</p> <p>Explanation: Course I assumes that students operating biometric machines would speed up the process—but biometric verification is a technical and security-critical task meant to be handled by authorized personnel. Course II recognizes a real procedural flaw and suggests a logical, system-improving solution—essential when tech fails but genuine candidates need fair recourse.</p> |

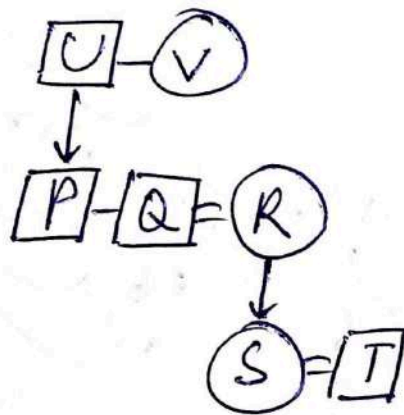
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| Q. 5 | <p>SERENE is related to TFSFOF in a certain way based on the English alphabetical order. In the same way, GULPED is related to HVMQFE. To which of the following is FAMOUS related, following the same logic?</p> <p>a) GBMOV T </p> <p>b) GCNPUT </p> <p>c) GBNPVT </p> <p>d) GBNRUT </p> |
| Explanation: | <p>The correct answer is: c</p> <p>Each letter in the word moves one step ahead in the alphabet.</p> <p>For example, S → T, E → F, R → S, and so on.</p> <p>Applying this to FAMOUS:</p> <p>F → G A → B M → N O → P U → V S → T</p> <p>So, FAMOUS becomes GBNPVT.</p> |

Q. 6





P and Q are brothers. Q is married to R. R has a daughter S. S is married to T. U is the father of P. V is the mother of Q. How is S related to V?









- a) Grand daughter ☒
- b) Daughter ☐
- c) Grand son ☐
- d) Son ☐

Explanation:



'S' is the grand daughter
of V.
($\square \rightarrow$ Male, $\circ \rightarrow$ Female)

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| Q. 7 | <p>Four word-pairs have been given, out of which three are alike in some manner and one is different. Select the word-pair that is different.</p> <p>a) Rose </p> <p>b) Tulip </p> <p>c) Lotus </p> <p>d) Sunflower </p> |
| Explanation: | <p>Let's analyse the characteristics of each flower:</p> <ul style="list-style-type: none">• Rose → A terrestrial flower that grows on land.• Tulip → A terrestrial flower that grows on land.• Sunflower → A terrestrial flower that grows on land.• Lotus → An aquatic flower that grows in water. <p>Lotus is the odd one out because it is an aquatic flower, unlike the others, which are terrestrial flowers.</p> <p>Correct answer: Lotus is the odd one out.</p> |

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| Q. 8 | <p>A product description is given below. It is followed by four alternatives, one of which reproduces the original text exactly, while the other three contain errors or alterations. Identify the option that matches the original description verbatim.</p> <p>HP Pavilion Aero 13-be2056AU 13.3" WUXGA IPS Display AMD Ryzen 5 7530U Processor 16GB DDR5 RAM, 512GB SSD Windows 11 Home, Silver</p> <p>a) HP Pavilion Aero 13-be2056AU 13.3" WUXGA IPS Display AMD Ryzen 5 7530U Processor 16GB DDR5 RAM, 512GB SSD Windows 11 Home, Silver </p> <p>b) HP Pavilion Aero 13-be2056AU 13.3" WUXGA LED Display AMD Ryzen 5 7530U Processor 16GB DDR5 RAM, 512GB SSD Windows 11 Home, Silver </p> <p>c) HP Pavilion Aero 13-be2056AU 13.3" WUXGA IPS Display AMD Ryzen 7 7530U Processor 16GB DDR5 RAM, 512GB SSD Windows 11 Home, Silver </p> <p>d) HP Pavilion Aero 13-be2056AU 13.3" WUXGA IPS Display AMD Ryzen 5 7530U Processor 16GB DDR4 RAM, 512GB SSD Windows 11 Home, Silver </p> |
| Explanation: | <p>Explanation:</p> <p>This option matches the original text exactly without any errors or changes.</p> <p>The other options have the following mistakes:</p> <ul style="list-style-type: none"> • Option 2: Says <i>LED Display</i> instead of <i>IPS Display</i> • Option 3: Says <i>Ryzen 7</i> instead of <i>Ryzen 5</i> • Option 4: Says <i>DDR4 RAM</i> instead of <i>DDR5 RAM</i> <p>Hence, the first option is correct.</p> |
| Q. 9 | <p>Priya moved 9 places to her left to reach the middle position in a row. If there are 41 persons in the row, what was Priya's original position from the left end?</p> <p>a) 22 </p> <p>b) 32 </p> <p>c) 30 </p> <p>d) 28 </p> |
| Explanation: | <p>Priya's middle position = $(41 + 1) \div 2 = 21$</p> <p>She moved 9 places left to reach 21, so original position = $21 + 9 = 30$</p> <p>Answer: 30</p> |

Q. 10

Consider the given statement(s) and decide which of the given assumption(s) is/are implicit in the statement.





Statement:

The city mayor declared in a press briefing, "From next month, all petrol pumps within city limits will be required to operate from 6 a.m. to 10 p.m. only."

Assumptions:

I. The mayor wants to reduce the city's fuel consumption and carbon emissions.

II. The mayor intends to improve traffic discipline and limit late-night vehicle activity in the city.

- a) Only I is implicit 
- b) Only II is implicit 
- c) Neither I nor II is implicit 
- d) Both I and II are implicit 

Explanation:






Explanation:

- The statement mentions a restriction on petrol pump operating hours, but it does **not explicitly** mention the reasons behind the mayor's decision.
- **Assumption I:** This assumes the restriction is meant to reduce fuel consumption and emissions. While it is possible that limiting fuel availability reduces consumption, the statement does not directly suggest this motive.
- **Assumption II:** This assumes the restriction is to reduce or control late-night vehicle activity, which could be a reason, but again, the statement does not specify this as an intention.

Conclusion:

Neither assumption I nor II is implicit based on the statement alone. The mayor's intention is not stated, so both assumptions are possible but not necessarily implicit.

Correct Answer: Neither I nor II is implicit.

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| Q. 11 | <p>Factory is related to Production in the same way as School is related to _____.</p> <p>a) Discipline </p> <p>b) Building </p> <p>c) Education </p> <p>d) Teacher </p> |
| Explanation: | <p>Factory : Production → A factory is a place where production happens.</p> <p>School : ? → A school is a place where education happens.</p> <p>Let's evaluate the options:</p> <ul style="list-style-type: none">• Discipline – A value taught, but not the primary function.• Building – Physical structure, not the purpose.• Education –  Core function of a school.• Teacher – A person in the school, not the output. |

Q. 12

The statement is followed by two arguments. State which argument is stronger with respect to the statement.

Statement:

Should Artificial Intelligence be granted legal personhood?


Arguments:

I. Yes, as AI systems now perform autonomous tasks and make decisions that affect legal, economic, and social domains.

II. No, because personhood implies consciousness, moral responsibility, and legal liability—which AI fundamentally lacks.

a) Only argument II is strong. 

b) Both arguments I and II are strong. 

c) Neither I nor II are strong. 

d) Only argument I is strong. 

Explanation:

Argument I:

Yes, as AI systems now perform autonomous tasks and make decisions that affect legal, economic, and social domains.

This is a **relevant** and **logical** point. It highlights the increasing role of AI in real-world decision-making. However, it **does not justify** personhood fully — because performing tasks doesn't mean the AI has **rights, duties, or moral understanding**.

So, this is a **weaker** argument. It brings up a fact but **doesn't strongly support** the idea of granting legal personhood.

Argument II:

No, because personhood implies consciousness, moral responsibility, and legal liability—which AI fundamentally lacks.


This is a **strong** argument. It directly addresses what legal personhood actually means. Since AI doesn't have **consciousness** or **moral responsibility**, it cannot be held legally accountable like a human or a company (which is run by humans).

Final Answer: Only argument II is strong.

Q. 13

If '+' means '×', '-' means '+', '×' means '÷', '÷' means '-', what will come in place of the '?' in the given equation?

$$324 - 12 + 54 \div 136 \times 4 = ?$$

a) 957 b) 938 c) 983 d) 848 

Explanation:

The correct answer is: b

$$324 - 12 + 54 \div 136 \times 4 = ?$$

If '+' means '×', '-' means '+', '×' means '÷', '÷' means '-', then

$$\Rightarrow 324 + 12 \times 54 - 136 \div 4$$




$$\Rightarrow 324 + 648 - 34$$

$$\Rightarrow 324 + 614 = 938$$

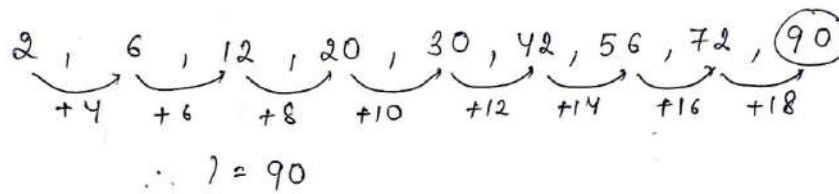
Q. 14

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

$$2, 6, 12, 20, 30, 42, 56, 72, ?$$




a) 78 b) 90 c) 84 d) 108 

Explanation:



$\therefore ? = 90$

Q. 15

If $3 @ 5 = 25$, $4 @ 6 = 36$ and $2 @ 7 = 28$, then find the value of $5 @ 8 = ?$ a) 62 b) 56 c) 51 d) 68 

Explanation:

Explanation:

$$3 @ 5 = 3 \times 5 + (5-3) + (5+3) = 25$$

$$4 @ 6 = 4 \times 6 + (6-4) + (6+4) = 36$$

$$2 @ 7 = 2 \times 7 + (7-2) + (7+2) = 28$$

$$5 @ 8 = 5 \times 8 + (8-5) + (8+5) = 56$$

Other Logic:

$$3 @ 5 = 25$$





third number/second number - 2 = first number

$$25/5 - 2 = 3$$

Q. 16

Find the wrong term in the series.

5, 6.5, 15.5, 45, 204.5, 1028

a) 6.5 b) 204.5 c) 45 d) 15.5 

Explanation:

$$5, 6.5, 15.5, \textcircled{45}, 204.5, 1028$$

$$\begin{array}{cccccc} \times 1 + 1.5 & \times 2 + 2.5 & \times 3 + 3.5 & \times 4 + 4.5 & \times 5 + 5.5 \end{array}$$




$$15.5 \times 3 + 3.5 = 50$$

$\therefore 45$ is the wrong term.

Q. 17

Select the related term from the given alternatives.

GENERAL : 79 :: HOSPITAL :

a) 90 b) 10 c) 86 d) 92 

Explanation:









| | | | | | | |
|----|----|----|----|---|----|--------|
| G | E | N | E | R | A | L |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | (opp.) |
| T | V | M | V | I | Z | O |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 20 | 22 | 13 | 22 | 9 | 26 | 15 |





Consonant - vowel

 $\Rightarrow (20 + 22 + 13 + 22 + 26) - (15 + 9)$ $\Rightarrow 103 - 24 \Rightarrow 79$

| | | | | | | | |
|------|------|-----|------|------|-----|------|----|
| H | O | S | P | I | T | A | L |
| ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| S | L | H | K | R | G | Z | O |
| (19) | (12) | (8) | (11) | (18) | (7) | (26) | 15 |

 $(19 + 12 + 8 + 11 + 18 + 7 + 26) - (15)$
 $\Rightarrow 86$

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| Q. 18 | <p>Ravi notices that his colleague is unusually quiet and withdrawn during meetings. Instead of ignoring it, Ravi decides to ask if everything is okay and offers help. Which emotional intelligence skill is Ravi demonstrating?</p> <p>a) Self-awareness </p> <p>b) Empathy </p> <p>c) Self-regulation </p> <p>d) Motivation </p> |
| Explanation: | <ul style="list-style-type: none"> • Self-awareness is understanding your own emotions. • Empathy is recognizing and understanding the feelings of others and responding appropriately. • Self-regulation is managing your own emotions. • Motivation is the drive to achieve goals. <p>Ravi is noticing others' emotions and offering help, which shows Empathy.</p> <p>Answer: Empathy</p> |
| Q. 19 | <p>Select the word which can be formed using the letters of the given word: "CONSTRUCTION"</p> <p>a) CONSISTENT </p> <p>b) COUNT </p> <p>c) STRONGEST </p> <p>d) OUTCAST </p> |
| Explanation: | <p>Check which option can be made with letters from "CONSTRUCTION":</p> <ul style="list-style-type: none"> • CONSISTENT → Requires two 'S', but "CONSTRUCTION" has only one 'S' → Not possible • COUNT → Letters C, O, U, N, T all appear in "CONSTRUCTION" → Possible • STRONGEST → Requires 'G', but "CONSTRUCTION" has no 'G' → Not possible • OUTCAST → Requires 'A', but "CONSTRUCTION" has no 'A' → Not possible <p>Answer: COUNT</p> |

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| Q. 20 | <p>The statement is followed by two arguments. State which argument is stronger with respect to the statement.</p> <p>Should memory-enhancing drugs be allowed for use by students in academic exams?</p> <p>Argument I: No, because they give an unfair advantage and compromise the principle of equal opportunity in education.</p> <p>Argument II: Yes, if available freely, they can level the playing field by boosting potential in students with weaker retention capacity.</p> <p>a) Only argument II is strong. </p> <p>b) Both arguments I and II are strong. </p> <p>c) Neither I nor II is strong. </p> <p>d) Only argument I is strong. </p> |
| Explanation: | <p>Argument I:</p> <p>No, because they give an unfair advantage and compromise the principle of equal opportunity in education.</p> <p>Strong — This argument is based on fairness. Exams are meant to test what students have learned through effort and understanding. If some students use drugs to improve memory, it gives them an unnatural boost, which is unfair to others who rely only on their hard work.</p> <p>Argument II:</p> <p>Yes, if available freely, they can level the playing field by boosting potential in students with weaker retention capacity.</p> <p>Weak — This may sound fair at first, but in reality, not all students may get equal access to these drugs. Also, it ignores important health risks and ethical problems. Relying on drugs for exams is not a healthy or reliable solution.</p> |

Q. 21

Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow(s) from the given statements.

Statements:

No eagle is a sparrow.

Some eagles are hawks.

Some hawks are sparrows.

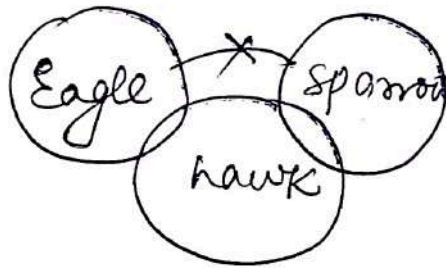
Conclusions:

I: Some hawks are not sparrow.





II: Some hawks are eagles is a possibility.

- a) Only conclusion (I) follows ✓
- b) Both conclusions (I) and (II) follow ✗
- c) Neither conclusion (I) nor (II) follows ✗
- d) Only conclusion (II) follows ✗

Explanation:



Only conclusion I is true.
(Some hawks are eagle is already true, so it cannot be a possibility)

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| Q. 22 | <p>In a certain code language, 'blue sky cloud' is coded as 'lm no pq', and 'red sky sun' is coded as 'xy no rs'. What is the code for 'sky' in that language?</p> <p>a) lm </p> <p>b) no </p> <p>c) pq </p> <p>d) xy </p> |
| Explanation: | <p>The word "sky" appears in both sentences:</p> <ul style="list-style-type: none">• "blue sky cloud" → "lm no pq"• "red sky sun" → "xy no rs" <p>The common code in both sets is "no", so the code for "sky" is no.</p> |

Q. 23

The question given below consists of a statement followed by two assumptions numbered I and II. You have to assume everything in the statement to be true and then consider the two assumptions together and decide which of them logically follow(s) beyond a reasonable doubt from the information given in the statement.





Statement:

Over the last five years, there has been a steady rise in the number of small businesses closing within their first year of operation.

Assumptions:

I. Government policies are biased against small businesses and favour large corporations.

II. Most entrepreneurs who start small businesses lack proper planning and financial literacy.

- a) Only Assumption II is implicit. 
- b) Only Assumption I is implicit. 
- c) Neither assumption I nor II is implicit. 
- d) Both assumptions I and II are implicit. 

Explanation:

Assumption I:

Government policies are biased against small businesses and favour large corporations.

- This is one possible explanation, but the **statement does not suggest any cause or blame**.
- Therefore, **this assumption is not implicit** — it may be true, but it is not necessarily assumed by the statement.

Assumption II:

Most entrepreneurs who start small businesses lack proper planning and financial literacy.

- Again, this is a possible **reason** for the trend, but the statement does **not assume this**. It simply mentions a **trend**, not its causes.


Correct Answer: Neither assumption I nor II is implicit.

Q. 24


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

5, 50, 216, 657, 1318, ?

a) 2638 

b) 1319 

c) 2640 

d) 1321 

Explanation:

$$\begin{array}{ccccccc}
 5 & , & 50 & , & 216 & , & 657 & , & 1318 & , & 1319 \\
 \swarrow & & \searrow & & \swarrow & & \searrow & & \swarrow & & \searrow \\
 \times 5 + 5^2 & & \times 4 + 4^2 & & \times 3 + 3^2 & & \times 2 + 2^2 & & \times 1 + 1^2 & &
 \end{array}$$

$\therefore ? = 1319$ (Ans)

Q. 25

Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

B, C, G, P, F, ?

a) K 

b) E 













c) H 

d) O 

Explanation:

$$\begin{array}{ccccccc}
 B & , & C & , & G & , & P & , & F & , & ? \\
 \swarrow & & \searrow & & \swarrow & & \searrow & & \swarrow & & \searrow \\
 +1 & & +4 & & +9 & & +16 & & +25 & & \\
 (1)^2 & & (2)^2 & & (3)^2 & & (4)^2 & & (5)^2 & &
 \end{array}$$

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| Q. 26 | <p>Which Country Hosted '16th Conference of the Parties (COP16) to the UN Convention to Combat Desertification (UNCCD)'?</p> <p>a) India </p> <p>b) USA </p> <p>c) Saudi Arabia </p> <p>d) Brazil </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• The 16th Conference of the Parties (COP16) to the United Nations Convention to Combat Desertification (UNCCD) was held from 2 to 13 December 2024 in Riyadh, Saudi Arabia.• It marked the first time the UNCCD COP was hosted in the Middle East and focused on combating desertification, land degradation and drought on a global scale |

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| Q. 27 | <p>Which of the following is NOT correct with respect to the Naikdas Uprising Sankheda, 1858?</p> <p>a) The Naikdas of Sankheda took arms under both the leaders Rupa Naik and K Naik. </p> <p>b) The revolt took place around Chhotaudepur district in Gujarat. </p> <p>c) They resorted to guerrilla tactics, harassing the British troops and attacking the British thanas. </p> <p>d) The leader Rupa surrendered before the British in 1860. </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • A. The Naikdas of Sankheda took arms under both the leaders Rupa Naik and K Naik.  Correct. Both Rupa (also referred to as Rupa Naik or Rupa Gobar) and Keval Naik (K Naik) led the Naikda revolt against the British. • B. The revolt took place around Chhotaudepur district in Gujarat.  Correct. The uprising occurred in the Panchmahal Hills, part of modern Chhota Udepur district, Gujarat. • C. They resorted to guerrilla tactics, harassing the British troops and attacking the British thanas.  Correct. The rebels used ambushes and raids, including attacking police camps and British posts (thanas) in guerrilla fashion. • D. The leader Rupa surrendered before the British in 1860.  Incorrect. Rupa Naik(singh) accepted amnesty and surrendered in March 1859, not 1860 |
| Q. 28 | <p>With which of the following states is the Bhatiali folk music, which is mostly sung by the fishermen, associated?</p> <p>a) Kerala </p> <p>b) Andhra Pradesh </p> <p>c) West Bengal </p> <p>d) Odisha </p> |
| Explanation: | <p>Explanation:</p> <p>Bhatiali is a traditional folk music genre of Bengal, especially West Bengal and Bangladesh, typically sung by fishermen and boatmen as they sail down rivers. The songs often reflect the beauty of rivers, loneliness, and the hardships of river life.</p> |

Q. 29

Consider the following sentences regarding passing of Ordinary Bills

1. The Constitution provides for the mechanism of joint sitting of two Houses of the state legislature to resolve a deadlock between them over the passage of a bill.

2. The mechanism of joint sitting for resolving a deadlock applies to a bill whether originating in the Lok Sabha or the Rajya Sabha.

Choose the correct statement/s

a) 1 only b) 2 only c) both d) none 

Explanation:

Explanation:

Statement 1:

*"The Constitution provides for the mechanism of joint sitting of two Houses of the **state legislature** to resolve a deadlock between them over the passage of a bill."*

 Incorrect.








- The **Constitution does not provide** for a **joint sitting of the two Houses of a state legislature** (like in states with both Legislative Assembly and Legislative Council).
- **Joint sittings are only provided at the Union level**, under **Article 108** of the Constitution, for resolving deadlocks between the **Lok Sabha and Rajya Sabha**.

Statement 2:

"The mechanism of joint sitting for resolving a deadlock applies to a bill whether originating in the Lok Sabha or the Rajya Sabha."

 Correct.

- Article 108 allows a joint sitting for **ordinary bills**, regardless of which house they originated in — Lok Sabha or Rajya Sabha.

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| Q. 30 | <p>Which of the following caves are totally Buddhism religion dedicated?</p> <ol style="list-style-type: none"> 1. Nasik Caves 2. Mundapeshwar Caves 3. Junagadh Caves <p>a) 1, 3 </p> <p>b) 2, 3 </p> <p>c) 1, 2 </p> <p>d) 1,2,3 </p> |
| Explanation: | <p>Explanation:</p> <p>Let's examine each:</p> <p>1. Nasik Caves (Pandav Leni Caves) – </p> <ul style="list-style-type: none"> • Located in Maharashtra. • These are a group of 24 Buddhist caves, mostly from the 1st century BCE to the 3rd century CE. • Entirely dedicated to Buddhism, containing viharas (monasteries) and chaityas (prayer halls). <p>2. Mandapeshwar (Mundapeshwar) Caves – </p> <ul style="list-style-type: none"> • Located in Mumbai, Maharashtra. • Originally Buddhist, but later converted into Shaivite Hindu caves. • Now primarily associated with Hinduism, not exclusively Buddhist. <p>3. Junagadh Caves – </p> <ul style="list-style-type: none"> • Located in Gujarat. • These are Buddhist caves, associated with early rock-cut architecture. • Includes the Khana, Baba Pyare and Uparkot caves, with Buddhist stupas and inscriptions. |

Q. 31

Which of the following statements is/are NOT correct regarding Import Substitution in India?

1. The concept of Import Substitution was introduced during the Fourth Five-Year Plan.
2. The strategy aimed to reduce reliance on foreign goods by promoting domestic industrial production.
3. Import Substitution was adopted in the Second Five-Year Plan for agricultural self-sufficiency.
4. The Third Five-Year Plan spanned from 1961 to 1966 and focused on industrialization.

a) Only 1 & 2



b) Only 2 & 3, 4



c) Only 1 & 3



d) Only 3 & 4



 **Correct answer: Only 1 & 3**

Here's why:





 **Incorrect Statements**





- **Statement 1:** *"The concept of Import Substitution was introduced during the Fourth Five-Year Plan."*
 - Import Substitution was actually adopted much earlier, notably in the **Third Five-Year Plan (1961–1966)**, which emphasized heavy industries and public sector development.
- **Statement 3:** *"Import Substitution was adopted in the Second Five-Year Plan for agricultural self-sufficiency."*
 - While the strategy was adopted in the Second Plan, it was focused on **industrial self-reliance**, not agriculture. Agricultural self-sufficiency gained prominence during the **Green Revolution** and later plans.









 **Correct Statements**







- **Statement 2:** *"The strategy aimed to reduce reliance on foreign goods by promoting domestic industrial production."*
 - ✓ Precisely captures the essence of Import Substitution.
- **Statement 4:** *"The Third Five-Year Plan spanned from 1961 to 1966 and focused on industrialization."*
 - ✓ Factually accurate; the Third Plan did emphasize industrialization before its goals were disrupted by wars and droughts.





Explanation:





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| Q. 32 | <p>Which state lies in the rain shadow region of the Arabian Sea branch of the southwest monsoon?</p> <p>a) Tamil Nadu </p> <p>b) Gujarat </p> <p>c) Goa </p> <p>d) Kerala </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • The Arabian Sea branch of the Southwest Monsoon hits the Western Ghats first. • These Ghats force the winds to shed most of their moisture on the windward (western) side, benefiting Kerala, Karnataka, Goa, and parts of Maharashtra. • The eastern side of the Western Ghats (including much of Tamil Nadu) lies in the rain shadow region, receiving very little rainfall from this monsoon branch. |





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| Q. 33 | <p>Which article has a similar provision to that of Article 32 and deals with writ jurisdiction?</p> <p>a) Article 227 </p> <p>b) Article 228 </p> <p>c) Article 225 </p> <p>d) Article 226 </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • Article 32: Empowers the Supreme Court to issue writs for the enforcement of Fundamental Rights. • Article 226: Empowers the High Courts to issue writs not only for the enforcement of Fundamental Rights, but also for any other purpose (i.e., legal rights). <p>So, while Article 32 is limited to Fundamental Rights, Article 226 has broader scope.</p> |





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| Q. 34 | <p>According to the January 2025 edition of the World Bank's Global Economic Prospects report, what is the projected annual growth rate for India's economy in FY26 and FY27?</p> <p>a) 6.0% </p> <p>b) 6.7% </p> <p>c) 5.5% </p> <p>d) 0.072% </p> |
| Explanation: | <p>Explanation:</p> <p>Details & Context</p> <ul style="list-style-type: none"> The World Bank projects that India will grow at 6.7% annually during FY2025-26 and FY2026-27, maintaining its position as the fastest-growing major economy worldwide. At a time when global growth is expected at around 2.7% in 2025–26, India's robust expansion highlights its resilience and continued economic momentum. |
| Q. 35 | <p>In basketball, how many points are awarded when a basket is scored from outside the 6.25-metre line?</p> <p>a) Five points </p> <p>b) Six points </p> <p>c) Three points </p> <p>d) Two points </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> The 6.25-metre line was the original three-point line used in international basketball (FIBA rules) before being changed to 6.75 metres in 2010. Any basket made from beyond this line earns three points. Shots made inside the arc are worth two points. Free throws are worth one point each. |





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| Q. 36 | <p>Consider the following sentences regarding Hepatitis disease</p> <p>1. Hepatitis A is an acute infection while Hepatitis B and hepatitis C are chronic and persistent</p> <p>2. They are bacterial disease.</p> <p>Choose the correct statement/s</p> <p>a) 1 only </p> <p>b) 2 only </p> <p>c) Both </p> <p>d) None </p> |
| Explanation: | <p>Explanation:</p> <p>1. Statement 1: "Hepatitis A is an acute infection while Hepatitis B and hepatitis C are chronic and persistent"</p> <p> True –</p> <ul style="list-style-type: none">◦ Hepatitis A is typically acute and self-limiting.◦ Hepatitis B and C can become chronic and lead to long-term liver damage such as cirrhosis or liver cancer. <p>2. Statement 2: "They are bacterial disease"</p> <p> False –</p> <ul style="list-style-type: none">◦ Hepatitis A, B, and C are caused by viruses, not bacteria. |









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| Q. 37 | <p>Consider the following sentences regarding TROPOSPHERE</p> <ol style="list-style-type: none">1. It contains approximately 75-80% of the total mass of the atmosphere.2. The entire weather phenomenon takes place in this layer.3. It contains all the water vapour, dust particles, clouds etc. <p>Choose the correct statement/s</p> <p>a) 1 and 2 only </p> <p>b) 2 and 3 only </p> <p>c) 1 and 3 only </p> <p>d) 1, 2 and 3 </p> |
| Explanation: | <p>Explanation:</p> <p>Statement 1: Correct</p> <ul style="list-style-type: none">• The troposphere contains approximately 75–80% of the total atmospheric mass, and some sources round this up to ~90% when considering water vapour and aerosols. <p>Statement 2: Correct</p> <ul style="list-style-type: none">• All weather phenomena—rain, snow, storms, winds, cloud formation—occur in the troposphere, due to its dynamic air movement and presence of moisture. <p>Statement 3: Correct</p> <ul style="list-style-type: none">• The troposphere holds nearly all water vapour, dust particles, and clouds, making it the most active layer for meteorological processes. |





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| Q. 38 | <p>Which of the following statements is/are correct regarding the Golgi Apparatus?</p> <ol style="list-style-type: none">1. The Golgi Apparatus modifies, sorts, and packages proteins and lipids for transport.2. It transports cellular products to destinations like lysosomes or for secretion outside the cell through vesicles.3. Golgi Apparatus is the site of photosynthesis in plant cells.4. It is also known as the powerhouse of the cell, producing ATP. <p>a) Only 2 & 4 </p> <p>b) Only 1 & 3 </p> <p>c) Only 1 & 2 </p> <p>d) All of these </p> |
| Explanation: | <p>Explanation:</p> <p>The Golgi Apparatus (also called Golgi complex or Golgi body) is responsible for:</p> <ul style="list-style-type: none">• Modifying, sorting, and packaging proteins and lipids.• Transporting them to intracellular destinations (like lysosomes) or secreting them outside the cell through vesicles. <p>Other Options:</p> <ul style="list-style-type: none">• Chloroplast: Site of photosynthesis in plant cells.• Mitochondria: Known as the powerhouse of the cell; produces ATP.• Chromosomes: Carry genetic material (DNA), not involved in packaging or transport. |







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| Q. 39 | <p>Which of the following statements is/are NOT correct regarding slum conditions as per Census 2011?</p> <ol style="list-style-type: none">1. Approximately 17.4% of urban Indian households were living in slum conditions.2. Around 1.37 crore households in urban India were identified as slum dwellers.3. Slum dwellers comprised about 65.49 million individuals living in 13.92 million households across 2613 towns.4. Slum population accounted for over 25% of India's total population. <p>a) Only 1 & 3 </p> <p>b) Only 2 & 4 </p> <p>c) Only 3 & 4 </p> <p>d) Only 4 </p> |
| Explanation: | <p>Explanation:</p> <p>According to the Census of India 2011, approximately 17.4% of urban Indian households were living in slum conditions. This figure translates to about 1.37 crore households in urban India, reflecting roughly 17.4% of the urban population residing in slums.</p> <p>Additional Context:</p> <ul style="list-style-type: none">• The slum population comprised 65.49 million individuals living in 13.92 million households across 2613 slum-reporting towns in India.• In contrast, slum dwellers accounted for just around 5.4% of the total population of the country, since the majority of India's population resides in rural areas. |





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| Q. 40 | <p>Who among the following Mughal Emperors shifted emphasis from illustrated manuscripts to album and individual portrait?</p> <p>a) Akbar </p> <p>b) Humayun </p> <p>c) Shah Jahan </p> <p>d) Jahangir </p> |
| Explanation: | <p>Explanation:</p> <p>Jahangir, the Mughal Emperor (reigned 1605–1627), is known for shifting the focus of Mughal painting from illustrated manuscripts (which were prominent under Akbar) to the production of albums (called <i>muraqqas</i>) and individual portraits.</p> <p>Key Points:</p> <ul style="list-style-type: none"> • Akbar encouraged large-scale illustrated manuscripts like the <i>Akbarnama</i> and <i>Hamzanama</i>. • Jahangir, a patron of fine arts, preferred: <ul style="list-style-type: none"> ◦ Realistic portraits of nobles and courtiers. ◦ Detailed studies of flora, fauna, and nature. ◦ European techniques, including shading and perspective, introduced by Jesuit missionaries. • Albums (<i>muraqqas</i>) compiled individual paintings, portraits, calligraphy, and decorative borders, reflecting his refined taste. |





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| Q. 41 | <p>Which of the following statements is/are correct regarding Electropositive Elements?</p> <ol style="list-style-type: none">1. Electropositive elements easily gain electrons to achieve stability.2. Sodium (Na) has an electronic configuration of 2,8,1 and loses one electron to attain a noble gas configuration.3. Electropositive elements form negative ions (anions) during chemical reactions.4. Sodium becomes stable by acquiring the electronic configuration of neon (2,8). <p>a) Only 1 and 3 </p> <p>b) Only 2 and 4 </p> <p>c) Only 2 </p> <p>d) All of the above </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• Electropositive elements are those that readily lose electrons to form positive ions (cations) in order to achieve a stable electronic configuration (usually that of a noble gas).• Sodium (Na) has the electronic configuration: Na: 2,8,1 It has 1 electron in its outermost shell, which it easily loses to attain a stable configuration of neon (2,8). |





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| Q. 42 | <p>Deficiency of which of the following vitamins in the human diet causes a disease called xerophthalmia?</p> <p>a) A </p> <p>b) K </p> <p>c) C </p> <p>d) D </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • Xerophthalmia is a medical condition characterized by dryness of the conjunctiva and cornea of the eye. • It is caused by a deficiency of Vitamin A in the human diet. <p>Role of Vitamin A:</p> <ul style="list-style-type: none"> • Maintains healthy vision, especially night vision • Supports the immune system • Promotes the health of skin and mucous membranes, including the eyes |
| Q. 43 | <p>The Krebs cycle of aerobic respiration is carried out within which of the following cell organelles?</p> <p>a) Lysosome </p> <p>b) Spirogyra </p> <p>c) Nucleus </p> <p>d) Mitochondria </p> |
| Explanation: | <p>Explanation:</p> <p>The Krebs cycle, also known as the citric acid cycle or TCA cycle, is a crucial step in aerobic respiration. It:</p> <ul style="list-style-type: none"> • Occurs in the matrix of the mitochondria • Converts pyruvate (from glycolysis) into ATP, NADH, and FADH₂ • Releases CO₂ as a byproduct. |









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| Q. 44 | <p>Which bacterial disease is specifically confirmed by a serological method?</p> <p>a) Diphtheria </p> <p>b) Pneumonia </p> <p>c) Plague </p> <p>d) Typhoid </p> |
| Explanation: | <p>Explanation:</p> <p>Typhoid is specifically confirmed using a serological method called the Widal test.</p> <p>What is the Widal Test?</p> <ul style="list-style-type: none">• It's a serological test used to detect antibodies (agglutinins) against <i>Salmonella typhi</i> in the patient's serum.• It checks for two types of antigens: O (somatic) and H (flagellar).• A significant rise in antibody titer indicates active typhoid infection. |





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| Q. 45 | <p>Consider the following statements:</p> <p>Statement-I: Giant stars live much longer than dwarf stars.</p> <p>Statement-II: Compared to dwarf stars, giant stars have a greater rate of nuclear reactions.</p> <p>Which one of the following is correct in respect of the above statements?</p> <p>a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I </p> <p>b) Both Statement-I and Statement-II are correct, but Statement-II does not explain Statement-I </p> <p>c) Statement-I is correct, but Statement-II is incorrect </p> <p>d) Statement-I is incorrect, but Statement-II is correct </p> |
| Explanation: | <p>Explanation:</p> <p>Statement-I: "Giant stars live much longer than dwarf stars."</p> <p> Incorrect</p> <ul style="list-style-type: none"> • Giant stars have much higher masses and burn through their fuel rapidly, leading to shorter lifespans (often a few million years). • Dwarf stars, especially red dwarfs, burn fuel very slowly and can live tens to hundreds of billions of years, much longer than giants. <p>Statement-II: "Compared to dwarf stars, giant stars have a greater rate of nuclear reactions."</p> <p> Correct</p> <ul style="list-style-type: none"> • Because giant stars have much higher core temperatures and pressures, they undergo nuclear fusion at a faster rate than dwarfs. • This faster fusion rate is why they shine brighter but live shorter lives. |





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| <p>Q. 46</p> | <p>Arrange the important battles of Indian history in the correct chronological order of their occurrence:</p> <ol style="list-style-type: none"> 1. Battle of Plassey. 2. First Maratha War. 3. First Sikh War. 4. Battle of Buxar. <p>a) 1-4-2-3 </p> <p>b) 2-1-3-4 </p> <p>c) 3-1-4-2 </p> <p>d) 1-4-3-2 </p> |
| <p>Explanation:</p> | <p>Explanation – Chronological Order of Battles:</p> <ol style="list-style-type: none"> 1. Battle of Plassey (1757) <ul style="list-style-type: none"> ◦ Fought between British East India Company and Siraj-ud-Daulah (Nawab of Bengal). ◦ Marked the beginning of British political control in India. 2. Battle of Buxar (1764) <ul style="list-style-type: none"> ◦ British vs. combined forces of Mir Qasim (Bengal), Shuja-ud-Daula (Awadh), and Shah Alam II (Mughal Emperor). ◦ Consolidated British power in eastern India. 3. First Maratha War (1775–1782) <ul style="list-style-type: none"> ◦ Between the British and the Marathas. ◦ Ended with the Treaty of Salbai. 4. First Sikh War (1845–1846) <ul style="list-style-type: none"> ◦ Fought between the British and the Sikh Empire under the rule of Maharaja Ranjit Singh's successors. |

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| <p>Q. 47</p> | <p>StandUp India Programme envisages each bank branch to give loan between 10 lakh to 100 lakh</p> <ol style="list-style-type: none"> 1. to at least one SC/ST borrower 2. to at least one woman borrower 3. to at least one rural unemployed youth borrower <p>Select the correct answer using the code given below.</p> <p>a) 1 only </p> <p>b) 2 and 3 only </p> <p>c) 1 and 3 only </p> <p>d) 1 and 2 only </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <p>The Stand Up India Scheme was launched in 2016 by the Government of India to promote entrepreneurship among Scheduled Castes (SC), Scheduled Tribes (ST), and Women.</p> <p>It envisages:</p> <ul style="list-style-type: none"> • Each bank branch to provide loans between ₹10 lakh and ₹1 crore (i.e. ₹10 to ₹100 lakh) • To at least one SC/ST borrower and • To at least one woman borrower, • For setting up a greenfield enterprise (i.e. a new venture in manufacturing, trading or services). <p>There is no provision for a mandatory loan to rural unemployed youth as a separate category.</p> |

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| Q. 48 | <p>Which of the following statements is/are correct regarding Kozhikode's recognition by WHO in 2025?</p> <ol style="list-style-type: none"> 1. Kozhikode was inducted into the Global Network of Age-Friendly Cities and Communities (GNAFCC) by WHO in early May 2025. 2. It became the first Indian city to receive this recognition. 3. The recognition highlights Kozhikode's efforts in promoting active ageing through inclusive urban infrastructure and services. 4. Initiatives include accessible public spaces, healthcare, housing, social inclusion programs, and digital platforms for senior citizens. <p>a) Only 1 and 3 </p> <p>b) Only 1, 3 and 4 </p> <p>c) Only 2 and 3 </p> <p>d) All of the above </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • In early May 2025, Kozhikode was officially recognized by the World Health Organization (WHO) and inducted as a member of its Global Network of Age-Friendly Cities and Communities (GNAFCC). • This made Kozhikode the second Indian city—after Kochi—to receive this recognition. • The recognition reflects the city's outstanding efforts in adapting urban infrastructure, services, and policies to support healthy and active ageing, including: <ul style="list-style-type: none"> ◦ accessible public spaces, ◦ healthcare and housing, ◦ social inclusion programs, ◦ and digital platforms customized for senior citizens. |


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| Q. 49 | <p>Dandari (Dancing) troupes perform during the festival of Diwali for a fortnight with participation from Kolam and Raj Gond tribes.</p> <p>a) Chhau </p> <p>b) Baiga Pardhoni </p> <p>c) Ghusadi </p> <p>d) Route Nacha </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • Ghusadi Dance is a traditional tribal dance performed primarily by the Raj Gonds and Kolam tribes of Telangana and parts of Maharashtra. • It is most notably performed during Diwali, where Dandari dance troupes (locally known as <i>Dandari Ghusadi troupes</i>) go from village to village for about a fortnight. • The dance is a colourful folk expression involving vibrant costumes, tribal instruments, and storytelling through movements and songs. |
| Q. 50 | <p>Who has written the recently published book <i>India@2047: Leading the Global Economic Order</i>?</p> <p>a) Gopal Krishna Agarwal </p> <p>b) SP Sharma </p> <p>c) Dr. Ajay Dua </p> <p>d) Prof. R M Joshi </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • The recently published book <i>India@2047: Leading the Global Economic Order</i> is authored by Dr. S. P. Sharma, a distinguished economist and Chief Economist at New Economic Order Economists, and former Chief Economist of the PHD Chamber of Commerce & Industry. • It provides a comprehensive roadmap for India's economic transformation and leadership on the global stage by 2047. |

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| Q. 51 | <p>A bag contains balls numbered 1, 2, 3..... 30. One ball is drawn from the bag at random. What is the probability that the number on the ball drawn is divisible by 4 or 6?</p> <p>a) $\frac{2}{3}$ </p> <p>b) $\frac{1}{5}$ </p> <p>c) $\frac{2}{5}$ </p> <p>d) $\frac{1}{3}$ </p> |
| Explanation: | <p>The correct answer is: d</p> <p>No. divisible by 4 = 4, 8, 12, 16, 20, 24, 28 = 7</p> <p>No. divisible by 6 = 6, 12, 18, 24, 30 = 5</p> <p>12 and 24 are common, so no. of favourable outcomes = 7+5-2 = 10</p> <p>Total no. of outcomes = 30</p> <p>Probability = $\frac{10}{30} = \frac{1}{3}$</p> |

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| Q. 52 | <p>The average of n numbers is 65. If 56% of the numbers are increased by 5 each and the remaining numbers are decreased by 20 each, then what is the average of the numbers so obtained?</p> <p>a) 67.8 </p> <p>b) 56.2 </p> <p>c) 59 </p> <p>d) 65 </p> |
| Explanation: | <p>The correct answer is: c</p> <p>$56\% = \frac{14}{25}$, remaining = 44%</p> <p>Average of n numbers = 65</p> <p>New average = $65 + \frac{14}{25} \times 5 - \frac{44}{100} \times 20$</p> <p>$= 65 + 2.8 - 8.8 = 59$</p> |

Q. 53

The number of days to finish a work by A is double the number of days to finish the work by B. The number of days to finish the work by C is half the number of days to finish the work by B. A can finish the work in 16 days. If B works on the 1st day, A works on the 2nd day and C works on the 3rd day, again B works on the 4th day and so on, then the work is finished in ____ days.

a) 6 b) 7 c) 7.5 d) 6.5 

The correct answer is: b

Explanation:

$$\begin{array}{rcl}
 A & : & B & : & C \\
 2 & & 1 & & \\
 & & 2 & : & 1 \\
 \hline
 4 & : & 2 & : & 1 \rightarrow \text{Days.} \\
 4 \times \downarrow & & \downarrow \times 4 & & \downarrow \times 4 \\
 16 \text{ days} & & 8 \text{ days} & & 4 \text{ days.}
 \end{array}$$

$$\begin{array}{rcl}
 A - 16 & & 1 \\
 B - 8 & \xrightarrow{2} & 16 \text{ (Total work)} \\
 C - 4 & \xrightarrow{4} & \\
 & \text{Efficiency} &
 \end{array}$$





$$\begin{array}{rcl}
 B - 1^{\text{st}} \text{ day} & - & 2 \text{ unit} \\
 A - 2^{\text{nd}} \text{ day} & - & 1 \text{ unit} \\
 C - 3^{\text{rd}} \text{ day} & - & 4 \text{ unit}
 \end{array}$$

$$\begin{array}{rcl}
 3 \text{ days} & \longrightarrow & 7 \text{ unit} \\
 \downarrow \times 2 & & \downarrow \times 2 \\
 6 \text{ days} & \longrightarrow & 14 \text{ unit} \\
 + 1 \text{ day} & \longrightarrow & 2 \text{ unit by B.} \\
 \hline
 7 \text{ days} & \longrightarrow & 16 \text{ unit}
 \end{array}$$

\therefore Total time to finish the work = 7 days.

Q. 54

There are three persons M, N and P. They are running in the same direction around a circular track of length 200 m. Their speeds are 25 m/sec, 15 m/sec and 16 m/sec, respectively. If they start at the same time and same point, then after what time do they meet for the first time?

a) 190 b) 250 c) 100 d) 200 **Explanation:**

The correct answer is: d

$$\text{Time taken by M} = \frac{200}{25} = 8 \text{ sec}$$

$$\text{Time taken by N} = \frac{200}{15} = \frac{40}{3} \text{ sec}$$





$$\text{Time taken by P} = \frac{200}{16} = \frac{25}{2} \text{ sec}$$

$$\text{Take LCM of } 8, \frac{40}{3} \text{ and } \frac{25}{2} = 200$$

So they will meet after 200 sec for the first time

Q. 55

A vessel contains a 48 litre solution of acid and water in which the ratio of acid and water is 7 : 5. If 12 litres of the solution are taken out and $7\frac{1}{2}$ litres of water are added to it, then what is the ratio of water and acid in the resulting solution?

- a) 14:15 
- b) 15:13 
- c) 13:15 
- d) 15:14 

Explanation:

The correct answer is: d

Ratio of acid and water = 7:5

New solution after removal contains = $48 - 12 = 36$ litres

After removal ratio will remain the same = 7:5

Now,



Acid after removal = $\frac{7}{12} \times 36 = 21$ litres

Water after removal and addition = $\frac{5}{12} \times 36 + 7.5 = 22.5$ litres

Ratio of water to acid in the resulting solution = $22.5:21 = 15:14$

Q. 56

At the beginning of day 1 of a month, Rajesh has 1600 eggs. He sells 25% of the eggs by the end of the day and added $b\%$ of the eggs at the beginning of the next day and sold 25% of the eggs at the end of the next day. This pattern continued up to the end of the third day of the month when he is left with 1323 eggs. The value of b is equal to:

a) 100 b) 140 c) 40 d) 70 **Explanation:**

The correct answer is: c

25% =

ATQ,

$$1600 \times \frac{3}{4} \times \frac{100 + b}{100} \times \frac{3}{4} \times \frac{100 + b}{100} \times \frac{3}{4} = 1323$$

$$(100 + b)^2 = 400 \times 49$$



$$(100 + b) = 140$$

Therefore,

$$b = 40\%$$

Q. 57

A salesman offers a discount scheme of 'Buy 24 and get 3 free' on the purchase of notebooks in his shop. He professes that a notebook costs him ₹12, but in reality, it costs him ₹6. Find the difference between his profit percentage and scheme discount percentage.

- a) 33.33% 
- b) 11.11% 
- c) 77.77% 
- d) 66.66% 

The correct answer is: d

Explanation:

$$\text{Scheme discount} = \frac{3}{27} \times 100 = 11.11\% = \frac{1}{9}$$


| | |
|-------|----|
| CP | SP |
| 8 | 12 |
| 9 | 8 |
| ----- | |
| 9 | 16 |


$$\text{Profit \%} = \frac{7}{9} \times 100 = 77.77\%$$

$$\begin{aligned} \text{Difference} &= 77.77\% - 11.11\% \\ &= 66.66\% \end{aligned}$$


Q. 58

If the standard deviation of a data is 6.4 and each value of the data is divided by 4, then find the difference between old variance and new variance.

a) 38.4 

b) 3.84 

c) 2.56 

d) 2.54 

Explanation:

The correct answer is: b

The variance of a data set is affected by a constant factor k as follows:

$$\text{New Variance} = \frac{\text{old variance}}{k^2}$$

where k is the constant by which each value is multiplied or divided.

$$\text{Old variance} = (6.4)^2 = 40.96$$

$$\text{New variance} = \frac{40.96}{4^2} = 2.56$$

$$\text{Difference} = 40.96 - 2.56 = 38.4$$

Q. 59

If $8x^m + 2x^3 - 3x^2 - 26$ on dividing by $x - 2$ leaves remainder 1002, then find the value of 'm'.

a) 6 b) 8 c) 7 d) 9 

Explanation:

The correct answer is: c

$$x - 2 = 0 \quad \therefore x = 2 \quad \text{Remainder} = 1002$$

$$\Rightarrow 8x^m + 2x^3 - 3x^2 - 26 = 1002$$





$$\Rightarrow 8 \times 2^m + 2 \times 2^3 - 3 \times 2^2 - 26 = 1002$$

$$\Rightarrow 8 \times 2^m + 16 - 12 - 26 = 1002$$

$$\Rightarrow 8 \times 2^m = 1024$$




$$\Rightarrow 2^m = 128$$

$$\therefore m = 7$$

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| Q. 60 | <p>The value of $69 - 4 \times [4 + 3 \times \{20 - 5(7 - 5) \times 2\} \div 29]$ is:</p> <p>a) 61 </p> <p>b) 64 </p> <p>c) 56 </p> <p>d) 53 </p> |
| Explanation: | <p>The correct answer is: d</p> $69 - 4 \times [4 + 3 \times \{20 - 5(7 - 5) \times 2\} \div 29]$ $69 - 4 \times [4 + 3 \times \{20 - 5(2) \times 2\} \div 29]$ $69 - 4 \times [4 + 3 \times \{20 - 20\} \div 29]$ $69 - 4 \times [4 + 0 \div 29]$ $69 - 4 \times 4 = 53$ |

Q. 61

If $(a + b + c) = 21$, and $(a^2 + b^2 + c^2) = 255$, find the value of $(a - b)^2 + (b - c)^2 + (c - a)^2$.

a) 324 b) 186 c) 510 d) 331 **Explanation:**

The correct answer is: a

$$(a^2 + b^2 + c^2 + 2ab + 2bc + 2ca) = (a + b + c)^2$$

$$255 + 2ab + 2bc + 2ca = 21^2$$

$$2ab + 2bc + 2ca = 441 - 255 = 186$$




Now,

$$\begin{aligned} (a - b)^2 + (b - c)^2 + (c - a)^2 \\ = 2a^2 + 2b^2 + 2c^2 - 2ab - 2bc - 2ca \end{aligned}$$

$$2 \times 255 - 186 = 510 - 186 = 324$$

Q. 62

If the quartile deviation of a data set is 30 what will be the new Quartile deviation if 20 is multiplied to each term?





a) 600 b) 500 c) 3/2 d) 120000 **Explanation:**

If all the terms of a data set are multiplied by 20, quartile deviation will also be multiplied by 20.

So, new quartile deviation is $30 \times 20 = 600$

Q. 63

A sum is divided among A, B, C and D such that the ratio of shares of A and B is 8:9, that of B and C is 2:3 and that of C and D is 9:13. The difference between the shares of A and D is 3910. What is the difference between the sum of all and the combined share of B and D?

- a) 7510 
 b) 7710 
 c) 3710 
 d) 7310 





The correct answer is: d

Explanation:

$$\begin{array}{rcl}
 A & : & B & : & C & : & D \\
 8 & : & 9 &] \times 2 & & & \\
 & & 2 & : & 3 &] \times 9 & \\
 & & & & 9 & : & 13 &] \times 3 \\
 \hline
 16 & : & 18 & : & 27 & : & 39 & \rightarrow \text{Total } 100 \\
 \hline
 & & - 23 & - & 3910 & & \\
 & & 1 & - & 170 & & \\
 \hline
 \text{Combined share of B and D} & = & 18 + 39 & & & & \\
 & & = 57 \text{ unit} & & & & \\
 \hline
 \text{Difference} & = & 100 - 57 & & & & \\
 & = & 43 \text{ unit} & & & & \\
 & = & 43 \times 170 & & & & \\
 & = & \text{Rs } 7310 & & & &
 \end{array}$$

Q. 64

Vimal invests a sum of ₹4300 and Vikas invests a sum of ₹8400 at the same rate of simple interest per annum. If, at the end of 4 years, Vikas gets ₹1353 more interest than Vimal, then find the rate of interest per annum (in percentage).

a) 8.75% b) 7.25% c) 8.25% d) 7.75% 

The correct answer is: c

ATQ

$$\Rightarrow \frac{4300 \times r \times 4}{100} + 1353 = \frac{8400 \times r \times 4}{100}$$

Explanation:





$$\Rightarrow 1353 = (84r - 43r) \times 4$$

$$\Rightarrow 1353 = 41r \times 4$$

$$\Rightarrow r = \frac{33}{4} = 8.25\%$$

Q. 65

Aman and Bablu buy goods for ₹1,500 and ₹2,000, respectively. Aman marks his goods up by $y\%$, while Bablu marks his goods up by $2y\%$ and offers a discount of $y\%$. If both make the same profit, then find the value of y .

- a) 12% 
- b) 25% 
- c) 25.5% 
- d) 12.5% 

The correct answer is: d

Explanation:

A.T.Q

$$\Rightarrow 1500 \left(\frac{100+y}{100} \right) - 1500 = 2000 \left(\frac{100+2y}{100} \right) \left(\frac{100-y}{100} \right) - 2000$$

$$\Rightarrow 1500 + 15y - 1500 = \frac{10000 - 100y + 200y - 2y^2}{5} - 2000$$

$$\Rightarrow 15y \times 5 = 10000 + 100y - 2y^2 - 10000$$

$$\Rightarrow 75y = 100y - 2y^2$$

$$\Rightarrow 2y^2 = 25y$$

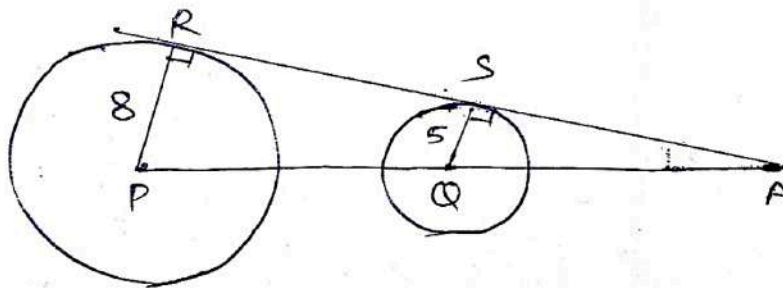
$$\therefore y = \frac{25}{2} = 12.5\%$$

Q. 66

P and Q are centres of two circles whose radii are 8 cm and 5 cm, respectively. If the direct common tangents to the circles meet PQ extended at A, then A divides PQ ____.

- a) Externally in the ratio 5 : 8 ✗
- b) Internally in the ratio 5 : 8 ✗
- c) Externally in the ratio 8 : 5 ✓
- d) Internally in the ratio 8 : 5 ✗

The correct answer is: c



Explanation:

$$\triangle ARP \sim \triangle ASQ$$





$$\Rightarrow \frac{PR}{QS} = \frac{PA}{QA}$$

$$\Rightarrow \frac{8}{5} = \frac{PA}{QA}$$

\therefore A divides PQ externally in the ratio 8 : 5.

Q. 67

A cylindrical tank of radius 14 cm is full of water. If 6776 litres of water are drawn out, then the water level in the tank is dropped by ____ m.

- a) 11000 
- b) 11 
- c) 1100 
- d) 110 

Explanation:

The correct answer is: d





$$\text{Volume of cylinder} = \frac{22}{7} \times r^2 \times h$$

$$6776 \times 1000 \text{ cm}^3 = \frac{22}{7} \times 14 \times 14 \times h$$

$$h = 11000 \text{ cm} = 110 \text{ m}$$

Q. 68

If $\cot^4\theta - \cot^2\theta = 1$, then the value of $\cos^4\theta + \cos^2\theta$ is:

- a) 2 
- b) 3/2 
- c) 0 
- d) 1 

Explanation:

The correct answer is: d

$$\cot^4\theta - \cot^2\theta = 1$$

$$\cot^4\theta = \operatorname{cosec}^2\theta$$

$$\cos^4\theta = \sin^2\theta$$




Now,

$$\cos^4\theta + \cos^2\theta$$

$$\sin^2\theta + \cos^2\theta = 1$$

Q. 69

Find the sum of the factors of 3240.

a) 11110 b) 10090 c) 10890 d) 10000 **Explanation:**

The correct answer is: c

If $k = a^x \times b^y$ then

a, and b must be prime number

Sum of all factors = $(a^0 + a^1 + a^2 + \dots + a^x) (b^0 + b^1 + b^2 + \dots + b^y)$

Now,

$$3240 = 2^3 \times 3^4 \times 5^1$$





$$\text{Sum of factors} = (2^0 + 2^1 + 2^2 + 2^3) (3^0 + 3^1 + 3^2 + 3^3 + 3^4) (5^0 + 5^1)$$

$$= (1 + 2 + 4 + 8)(1 + 3 + 9 + 27 + 81)(1 + 5)$$

$$= 15 \times 121 \times 6$$



$$\Rightarrow 10890$$

The required sum is 10890

| | |
|---------------------|---|
| Q. 70 | <p>What is the HCF of $(3^{29} - 9)$ and $(3^{38} - 9)$?</p> <p>a) $3^9 - 1$ </p> <p>b) $3^{11} - 1$ </p> <p>c) $3^{11} - 9$ </p> <p>d) $3^{11} - 3$ </p> |
| Explanation: | <p>The correct answer is: c</p> <p>$(3^{29} - 9)$ and $(3^{38} - 9)$</p> <p>$(3^{29} - 9) = 3^2(3^{27} - 1)$</p> <p>$(3^{38} - 9) = 3^2(3^{36} - 1)$</p> <p>Now, find the HCF of power of 3 (27 and 36) = 9</p> <p>So, HCF of $(3^{29} - 9)$ and $(3^{38} - 9) = 3^2(3^9 - 1) = (3^{11} - 9)$</p> |

Q. 71

If the graph of the equation $12x + 35y = 420$ cuts the coordinate axes at P and Q, then what is the measure of the length (in units) of PQ?

a) 37 b) 40 c) 42 d) 47 

Explanation:

The correct answer is: a

Let's solve step-by-step.

Equation:

$$12x + 35y = 420$$

Step 1: Find intercepts

- **x-intercept (P):** Put $y = 0 \rightarrow 12x = 420 \rightarrow x = 35 \rightarrow P = (35, 0)$
- **y-intercept (Q):** Put $x = 0 \rightarrow 35y = 420 \rightarrow y = 12 \rightarrow Q = (0, 12)$

Step 2: Distance between P and Q

Distance formula:

$$PQ = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$PQ = \sqrt{(0 - 35)^2 + (12 - 0)^2}$$

$$PQ = \sqrt{1225 + 144} = \sqrt{1369} = 37$$

Final Answer: 37 units

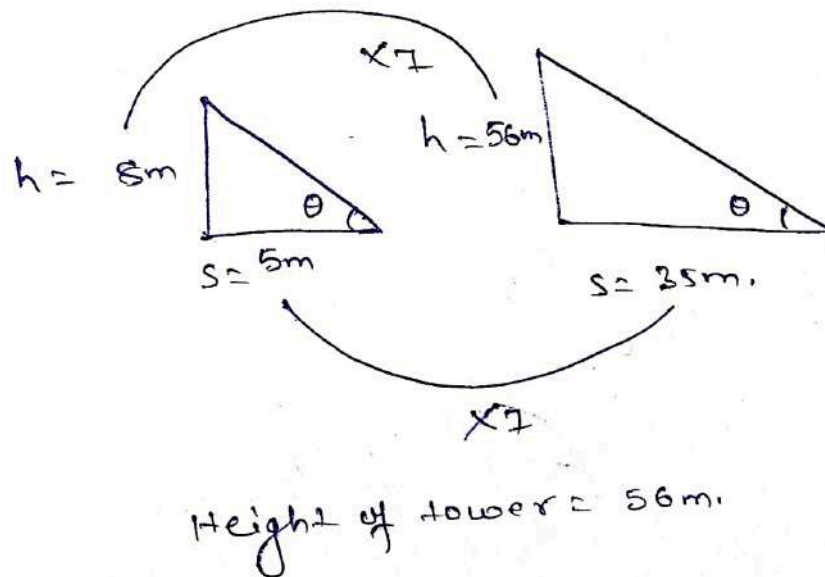
Q. 72





A vertical pole of length 8 m casts a 5 m long shadow on the ground. At the same time, a tower casts a 35 m long shadow. Find the height of the tower.





a) 45 m ☒b) 46 m ☒c) 51 m ☒d) 56 m ☒

Explanation:

The correct answer is: d



| | |
|--------------|--|
| Q. 73 | <p>A rectangular courtyard is 6m 72cm long and 9m 60cm broad. It is to be paved with square tiles of the same size. Find the least number of such square tiles required to pave the rectangular courtyard.</p> <p>a) 96 </p> <p>b) 70 </p> <p>c) 88 </p> <p>d) 76 </p> |
| Explanation: | <p>The correct answer is: b</p> <p>Length = 672 cm, Width = 960 cm</p> <p>Maximum Size = HCF (672, 960) = 96 cm</p> <p>No. of tiles = $\frac{672 \times 960}{96 \times 96} = 7 \times 10 = 70$</p> |

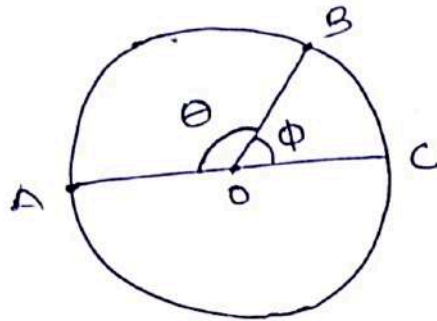
| | |
|--------------|--|
| Q. 74 | <p>If the number P is divisible by 2 and the number Q is divisible by 3, then which of the following statements is true?</p> <p>a) (P + Q) is divisible by 6 </p> <p>b) (P + Q) is divisible by 5 </p> <p>c) (P × Q) is divisible by 6 </p> <p>d) (P × Q) is divisible by 5 </p> |
| Explanation: | <p>The correct answer is: c</p> <p>Number P is divisible by 2 and number Q is divisible by 3</p> <p>So number (P × Q) will always be divisible by 6</p> <p>If we take</p> <p>P = 8, Q = 9</p> <p>$P \times Q = 8 \times 9 = 72 \div 6 \Rightarrow R = 0$</p> <p>Hence, (P × Q) is divisible by 6</p> |

Q. 75

In a circle with centre O, AOC is the diameter. B is a point on the circumference of the circle such that arc BC is $\frac{1}{3}$ rd of the arc AB. What is the degree measure of $\frac{1}{2} \angle BOC$?

a) 45° ☒b) 135° ☒c) 67.5° ☒d) 22.5° ☒

The correct answer is: d



$$\text{arc AB} = 2\pi r \frac{\theta}{360^\circ}$$

$$\text{arc BC} = 2\pi r \frac{\phi}{360^\circ}$$

Explanation:

$$\frac{\text{ATQ}}{2\pi r \frac{\phi}{360}} = 2\pi r \frac{\theta}{360} \times \frac{1}{3}$$

$$\Rightarrow \frac{\phi}{\theta} = \frac{1}{3} \quad \begin{array}{l} 4 \text{ unit} - 180 \\ 1 \text{ unit} - 45 \end{array}$$

$$\therefore \angle BOC = 45^\circ$$

$$\Rightarrow \frac{1}{2} \angle BOC = 22.5^\circ$$

Q. 76

Select the word that is the closest synonym of "dwell" as used in the following sentence:

"Despite the setbacks, resilient individuals seldom dwell on their failures, but rather focus on future possibilities."

a) Meditate 

b) Harbour 

c) Endure 

d) Contemplate 





Explanation:





Explanation:





- **Dwell** (in this context) means to remain focused on or to *linger in thought about* something, especially in a negative way (e.g., to dwell on failures).
- **Option A: Meditate** - While meditation involves focusing the mind, it usually means *purposeful and calm reflection*—not the often negative, repetitive thinking implied by dwell.
- **Option B: Harbor** - "Harbour" (in the sense of 'to harbour thoughts or emotions') is closest in meaning here—it means to *hold on to* or *linger with* a thought or feeling, often over a period of time, which matches "dwell on" in context.
- **Option C: Endure** - "Endure" means to *suffer through or tolerate* something unpleasant, which does not fit the sense of mentally lingering over something.
- **Option D: Contemplate** - "Contemplate" means to *think about something deeply and intentionally*, typically with a purpose, but does not specifically capture the sense of being stuck or constantly returning to a thought, as "dwell" or "harbour" does in this context.





Conclusion:

"**Harbour**" (option B) most accurately fits the context of "dwell on" as it is used in the sentence, meaning to persistently focus or linger on a thought, especially a negative one.

| | |
|----------------------------|--|
| <p>Q. 77</p> | <p>Choose the correct indirect speech form of the above sentence.</p> <p>The environment minister said to the reporters, "We will urgently implement stricter norms to reduce carbon emissions by next year."</p> <p>a) The environment minister told the reporters that they would urgently implement stricter norms to reduce carbon emissions by next year. </p> <p>b) The environment minister said to the reporters that they will urgently implement stricter norms to reduce carbon emissions the following year. </p> <p>c) The environment minister told the reporters that they would urgently implement stricter norms to reduce carbon emissions by the following year. </p> <p>d) The environment minister said to the reporters that they would urgently implement stricter norms to reduce carbon emissions next year. </p> |
| <p>Explanation:</p> | <p>The correct indirect speech form is:</p> <p>The environment minister told the reporters that they would urgently implement stricter norms to reduce carbon emissions by the following year.</p> <p>Explanation:</p> <ul style="list-style-type: none"> • "said to" changes to "told." • "We" changes to "they" (referring to the minister and the ministry). • "will" changes to "would." • "next year" changes to "the following year." <p>So, the correct answer is: The environment minister told the reporters that they would urgently implement stricter norms to reduce carbon emissions by the following year.</p> |

| | |
|---------------------|---|
| Q. 78 | <p>Select the word that is the closest antonym of "nihilistic" as used in the sentence below:</p> <p><i>"His nihilistic worldview denied any inherent meaning or value in life."</i></p> <p>a) Optimistic </p> <p>b) Idealistic </p> <p>c) Dogmatic </p> <p>d) Pragmatic </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• Nihilistic refers to the belief that life lacks meaning, purpose, or intrinsic value—essentially embracing meaninglessness or rejection of established beliefs.• Idealistic means having high ideals or believing in the inherent goodness and meaningfulness of life or principles—directly opposing nihilism’s denial of value.• Optimistic (Option A) generally means expecting good outcomes, which might seem opposite to nihilism’s despair, but optimism does not necessarily assert intrinsic meaning or values as idealism does.• Dogmatic (Option C) refers to rigidly following established doctrines or beliefs, which may be opposed to nihilism’s rejection but does not specifically focus on meaning or value; it’s more about attitude towards authority.• Pragmatic (Option D) means practical and focused on real-world results rather than theories or ideals; it’s not an antonym to nihilistic, as nihilism pertains to meaning, and pragmatism doesn’t directly oppose that. <p>Thus, "idealistic" is the most precise and direct antonym to "nihilistic" in the given context.</p> |




| | |
|----------------------------|---|
| <p>Q. 79</p> | <p>Select the correct active voice sentence.</p> <p>The new environmental policies are being implemented by city authorities across multiple states.</p> <p>a) City authorities have implemented the new environmental policies across multiple states. </p> <p>b) City authorities implement the new environmental policies across multiple states. </p> <p>c) City authorities are implementing the new environmental policies across multiple states. </p> <p>d) City authorities will implement the new environmental policies across multiple states. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Passive phrase "are being implemented" is present continuous passive. • The matching active voice form is present continuous active: "are implementing." • Option A is present perfect active (completed action), not matching the ongoing nature in passive. • Option B is present simple active, which doesn't indicate the ongoing action. • Option D is future tense; incorrect as passive is present continuous. |

| | |
|--------------|---|
| Q. 80 | <p>Choose the correct indirect speech for the above.</p> <p>A senior official announced, "Authorities have been monitoring cryptocurrency transactions very closely in recent months."</p> <p>a) The senior official announced that authorities had been monitoring cryptocurrency transactions very closely in recent months. </p> <p>b) The senior official announced that authorities have been monitoring cryptocurrency transactions very closely in recent months. </p> <p>c) The senior official announced that authorities were monitoring cryptocurrency transactions very closely in recent months. </p> <p>d) The senior official announced that authorities had monitored cryptocurrency transactions very closely in recent months. </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none"> • Present perfect continuous "have been monitoring" changes to past perfect continuous "had been monitoring" in reported speech. • Since "recent months" is a time frame still close to present, some leniency exists but formal narration prefers backshifting. • Option B incorrectly keeps present perfect continuous without backshifting. • Option C uses past continuous, which does not capture duration implied by present perfect continuous. • Option D uses past perfect simple, losing the continuous aspect. |

Q. 81

Match the words in Column A with their correct synonyms (meanings) in Column B. You need to find out which pair is wrongly matched.

| Column A (Words) | Column B (Meanings) |
|------------------|--|
| 1) Ephemeral | A) Lasting for a very short time |
| 2) Obfuscate | B) To make something unclear or confusing |
| 3) Sycophant | C) A person who flatters for personal gain |
| 4) Pernicious | D) Causing great harm or damage |

a) 1 only b) 1,2,3 c) 2,3 d) None 

Explanation:

Explanation:

- **Ephemeral** means something lasting only a short time, so it matches with A.
- **Obfuscate** means to deliberately make something confusing or unclear, so it matches with B.
- **Sycophant** denotes a person who flatters others to gain favour, matching with C.
- **Pernicious** means highly harmful or damaging, fitting with D.

Q. 82





Read the Passage carefully and answer the following questions:

The Indian economy, once celebrated as one of the fastest-growing in the world, is now widely perceived by experts and analysts as being in a state of stagnation, if not near collapse. Multiple structural issues have plagued the nation's financial systems, culminating in what many call a near "dead economy." Chief among the causes are persistent unemployment, declining consumer demand, and faltering industrial output. Additionally, spiraling inflation has eroded the purchasing power of the common citizen, leading to reduced spending and investment.

A considerable segment of India's workforce remains entrenched in the informal sector, which does not contribute adequately to national GDP or offer social security, perpetuating economic vulnerability. Furthermore, sluggish reforms, bureaucratic red tape, and inconsistent policies have deterred both domestic and foreign investments. The manufacturing sector, meant to be the backbone of "Make in India" ambitions, has witnessed contractions rather than expansions in recent quarters. Consequentially, youth unemployment rates have surged, leading to increased social unrest and disenchantment.

The government's efforts to revive the economy through fiscal stimulus and infrastructural development have been undermined by inadequate execution and corruption allegations. Meanwhile, the banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors. It is often argued that without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression, which might affect millions of lives adversely on a monumental scale.

Find the sentence in the above passage that is in the passive voice.

- a) Persistent unemployment has crippled the growth prospects. 
- b) The manufacturing sector has witnessed contractions rather than expansions in recent quarters. 
- c) A considerable segment of India's workforce remains entrenched in the informal sector. 
- d) The government's efforts have been undermined by inadequate execution and corruption allegations. 

Explanation:

Explanation:

Answer: D) The government's efforts have been undermined by inadequate execution and corruption allegations.

- This is passive because the subject (government's efforts) is receiving the action (being undermined). Other sentences are active or state observations without passive construction.

Q. 83

Read the Passage carefully and answer the following questions:

The Indian economy, once celebrated as one of the fastest-growing in the world, is now widely perceived by experts and analysts as being in a state of stagnation, if not near collapse. Multiple structural issues have plagued the nation's financial systems, culminating in what many call a near "dead economy." Chief among the causes are persistent unemployment, declining consumer demand, and faltering industrial output. Additionally, spiraling inflation has eroded the purchasing power of the common citizen, leading to reduced spending and investment.

A considerable segment of India's workforce remains entrenched in the informal sector, which does not contribute adequately to national GDP or offer social security, perpetuating economic vulnerability. Furthermore, sluggish reforms, bureaucratic red tape, and inconsistent policies have deterred both domestic and foreign investments. The manufacturing sector, meant to be the backbone of "Make in India" ambitions, has witnessed contractions rather than expansions in recent quarters. Consequentially, youth unemployment rates have surged, leading to increased social unrest and disenchantment.

The government's efforts to revive the economy through fiscal stimulus and infrastructural development have been undermined by inadequate execution and corruption allegations. Meanwhile, the banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors. It is often argued that without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression, which might affect millions of lives adversely on a monumental scale.

What is the synonym of the word "surged" as used in the passage?

- a) Declined 
- b) Decreased 
- c) Increased sharply 
- d) Stabilized 

Explanation:

Explanation:

- The passage uses "surged" in the context of "youth unemployment rates have surged," implying a rapid increase.
- **Option A (Declined)** — means to go down; opposite meaning.
- **Option B (Decreased)** — also means to reduce; opposite meaning.
- **Option C (Increased sharply)** — exactly fits the meaning of "surged."
- **Option D (Stabilized)** — means remained steady, no rise or fall; does not match the sense of "surged."

Q. 84

Read the Passage carefully and answer the following questions:





The Indian economy, once celebrated as one of the fastest-growing in the world, is now widely perceived by experts and analysts as being in a state of stagnation, if not near collapse. Multiple structural issues have plagued the nation's financial systems, culminating in what many call a near "dead economy." Chief among the causes are persistent unemployment, declining consumer demand, and faltering industrial output. Additionally, spiraling inflation has eroded the purchasing power of the common citizen, leading to reduced spending and investment.

A considerable segment of India's workforce remains entrenched in the informal sector, which does not contribute adequately to national GDP or offer social security, perpetuating economic vulnerability. Furthermore, sluggish reforms, bureaucratic red tape, and inconsistent policies have deterred both domestic and foreign investments. The manufacturing sector, meant to be the backbone of "Make in India" ambitions, has witnessed contractions rather than expansions in recent quarters. Consequentially, youth unemployment rates have surged, leading to increased social unrest and disenchantment.

The government's efforts to revive the economy through fiscal stimulus and infrastructural development have been undermined by inadequate execution and corruption allegations. Meanwhile, the banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors. It is often argued that without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression, which might affect millions of lives adversely on a monumental scale.

Convert the following active sentence from the passage into passive voice:

"Many experts and analysts widely perceive the Indian economy as being in a state of stagnation."

- a) The Indian economy has widely perceived by many experts and analysts as being in a state of stagnation. 
- b) The Indian economy was widely perceived by many experts and analysts as being in a state of stagnation. 
- c) The Indian economy has been widely perceived by many experts and analysts as being in a state of stagnation. 
- d) The Indian economy is widely perceived by many experts and analysts as being in a state of stagnation. 

Explanation:

Explanation:

- Active sentence structure: Subject = "Many experts and analysts"; Verb = "perceive"; Object = "the Indian economy."
- In passive: Object becomes the subject ("The Indian economy"), verb changes to passive form ("is perceived").
- Agent is introduced with "by" ("by many experts and analysts").
- Adverb "widely" remains modifying "is perceived."
- The phrase "as being in a state of stagnation" stays unchanged as it describes the object.

Q. 85

Read the Passage carefully and answer the following questions:




The Indian economy, once celebrated as one of the fastest-growing in the world, is now widely perceived by experts and analysts as being in a state of stagnation, if not near collapse. Multiple structural issues have plagued the nation's financial systems, culminating in what many call a near "dead economy." Chief among the causes are persistent unemployment, declining consumer demand, and faltering industrial output. Additionally, spiraling inflation has eroded the purchasing power of the common citizen, leading to reduced spending and investment.

A considerable segment of India's workforce remains entrenched in the informal sector, which does not contribute adequately to national GDP or offer social security, perpetuating economic vulnerability. Furthermore, sluggish reforms, bureaucratic red tape, and inconsistent policies have deterred both domestic and foreign investments. The manufacturing sector, meant to be the backbone of "Make in India" ambitions, has witnessed contractions rather than expansions in recent quarters. Consequentially, youth unemployment rates have surged, leading to increased social unrest and disenchantment.

The government's efforts to revive the economy through fiscal stimulus and infrastructural development have been undermined by inadequate execution and corruption allegations. Meanwhile, the banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors. It is often argued that without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression, which might affect millions of lives adversely on a monumental scale.

Identify the kind of phrase used in this sentence:

"Without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression."

- a) Gerund Phrase 
- b) Infinitive Phrase 
- c) Prepositional Phrase 
- d) Participial Phrase 

Explanation:

Explanation:

- The phrase "Without urgent, coherent policy interventions" begins with the preposition "**without**."
- A **prepositional phrase** consists of a preposition followed by its object/noun phrase ("urgent, coherent policy interventions").
- **Option A (Gerund Phrase):** Would consist of an -ing verb acting as noun (e.g. "Running a company...") — not the case here.
- **Option B (Infinitive Phrase):** Begins with "to" + base verb (e.g. "to run," "to eat"). This phrase does not have that.
- **Option D (Participial Phrase):** Usually starts with a present or past participle (e.g., "Running quickly...", "Surprised by..."). Not applicable here.

Q. 86

Read the Passage carefully and answer the following questions:





The Indian economy, once celebrated as one of the fastest-growing in the world, is now widely perceived by experts and analysts as being in a state of stagnation, if not near collapse. Multiple structural issues have plagued the nation's financial systems, culminating in what many call a near "dead economy." Chief among the causes are persistent unemployment, declining consumer demand, and faltering industrial output. Additionally, spiraling inflation has eroded the purchasing power of the common citizen, leading to reduced spending and investment.

A considerable segment of India's workforce remains entrenched in the informal sector, which does not contribute adequately to national GDP or offer social security, perpetuating economic vulnerability. Furthermore, sluggish reforms, bureaucratic red tape, and inconsistent policies have deterred both domestic and foreign investments. The manufacturing sector, meant to be the backbone of "Make in India" ambitions, has witnessed contractions rather than expansions in recent quarters. Consequentially, youth unemployment rates have surged, leading to increased social unrest and disenchantment.

The government's efforts to revive the economy through fiscal stimulus and infrastructural development have been undermined by inadequate execution and corruption allegations. Meanwhile, the banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors. It is often argued that without urgent, coherent policy interventions, the Indian economy risks falling into a prolonged phase of depression, which might affect millions of lives adversely on a monumental scale.

Rewrite this passive sentence from the passage into active voice:





"The banking sector is burdened with non-performing assets (NPAs), curtailing credit flow to productive sectors."





- a) Non-performing assets (NPAs) is burdening the banking sector, curtailing credit flow to productive sectors. 
- b) Non-performing assets (NPAs) has burdened the banking sector, curtailing credit flow to productive sectors. 
- c) Non-performing assets (NPAs) burden the banking sector, curtailing credit flow to productive sectors. 
- d) Non-performing assets (NPAs) have burdened the banking sector, curtailing credit flow to productive sectors. 





Explanation:





Explanation:









- In passive sentence: Subject = "The banking sector," action = "is burdened" (being acted upon).
- In active voice, the subject should perform the action; "Non-performing assets (NPAs)" become the subject performing the burdening.
- So, verb "is burdened" changes to active "burden."
- The rest of the sentence ("curtailing credit flow...") remains the same.
- This maintains the original meaning with clear subject-action-object structure.





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| Q. 87 | <p>Select the correctly spelled word from the options below:</p> <p>a) Connoisseur </p> <p>b) Connoisseur </p> <p>c) Connoisseur </p> <p>d) Connoisseurre </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• Option A: Connoisseur—Correct. This word (meaning an expert judge in matters of taste) is frequently misspelled due to its unusual sequence of double consonants and vowels.• Option B: Connoisseur—Incorrect. Missing one 'n'.• Option C: Connoisseur—Incorrect. Misspells "seur" as "sieur".• Option D: Connoisseurre—Incorrect. Unnecessary extra 're' at the end. <p>The correct spelling is connoisseur (with double 'n', double 's', and ending in "eur"). This is a classic challenging word in spelling tests.</p> |





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| Q. 88 | <p>Choose the correct indirect speech version</p> <p>The finance minister said, "If inflation rises further, the central bank will raise interest rates next quarter."</p> <p>a) The finance minister said that if inflation rose further, the central bank would raise interest rates next quarter. </p> <p>b) The finance minister said that if inflation rises further, the central bank will raise interest rates in the following quarter. </p> <p>c) The finance minister said that if inflation rose further, the central bank would raise interest rates in the following quarter. </p> <p>d) The finance minister said that if inflation rises further, the central bank would raise interest rates next quarter. </p> |
| Explanation: | <p>Explanation:</p> <p>The correct indirect speech version is:</p> <p>The finance minister said that if inflation rose further, the central bank would raise interest rates in the following quarter.</p> <p>Explanation:</p> <ul style="list-style-type: none"> • "said" is retained for reporting. • The condition in indirect speech: "If inflation rises further," changes to "if inflation rose further" (backshifting the verb). • "will" becomes "would." • "next quarter" becomes "the following quarter." <p>So, the correct answer is:</p> <p>The finance minister said that if inflation rose further, the central bank would raise interest rates in the following quarter.</p> |





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| Q. 89 | <p>Choose the correct one-word substitution for the following description:</p> <p><i>A person who travels to unknown or remote places for the purpose of discovery and adventure.</i></p> <p>a) Tourist </p> <p>b) Pilgrim </p> <p>c) Explorer </p> <p>d) Wayfarer </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• Explorer refers to a person who travels to unfamiliar or remote areas in order to discover new places, often linked to adventure and research.• Tourist is someone who travels for pleasure but not necessarily for discovery or adventure.• Pilgrim is a person who travels to a sacred place for religious reasons.• Wayfarer means a traveler, especially one on foot, but not necessarily seeking discovery or adventure. <p>Hence, explorer fits the description best for the given context about travelling.</p> |









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| Q. 90 | <p>The four sentences below (P, Q, R, S) form a coherent paragraph about India's economic challenges. Arrange them in the correct order.</p> <p>P: As a result, public confidence in financial institutions has deteriorated, affecting investment inflows and consumer spending alike.</p> <p>Q: Despite being one of the fastest-growing economies, India has been grappling with multiple structural issues that have stalled progress.</p> <p>R: Factors such as rising unemployment, inflation, and bureaucratic inefficiencies have compounded the problem, creating a complex web of obstacles.</p> <p>S: To revive growth, policymakers must undertake urgent reforms focusing on transparency, infrastructure development, and ease of doing business.</p> <p>a) Q – R – P – S </p> <p>b) R – Q – S – P </p> <p>c) Q – P – R – S </p> <p>d) S – Q – R – P </p> |
| Explanation: | <p>Explanation:</p> <p>Q introduces the general idea of India's economic challenges, starting the paragraph naturally.</p> <p>R logically follows by elaborating on the factors causing these challenges.</p> <p>P describes the consequence of these issues, i.e., decreased public confidence affecting investments and spending.</p> <p>S concludes with a forward-looking statement about policy solutions.</p> <p>Thus, the order Q → R → P → S forms a coherent and logically connected paragraph.</p> |





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| <p>Q. 91</p> | <p>Four sentences are given below. Choose the sentence that contains an idiom related to death.</p> <p>a) After years of hard work, she finally met her waterloo during the last exam. </p> <p>b) His business went belly up after the sudden economic downturn. </p> <p>c) They decided to bury the hatchet and resolve their differences. </p> <p>d) The old custom says, "to kick the bucket" means to pass away peacefully. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Option A: "Met her waterloo" means to encounter a decisive defeat, not specifically related to death rituals. • Option B: "Went belly up" means to fail or go bankrupt, unrelated to death. • Option C: "Bury the hatchet" means to make peace, not related to death rituals. • Option D: "Kick the bucket" is a well-known idiom meaning <i>to die</i>—directly related to death and death rituals. <p>Thus, option D contains the idiom related to death.</p> |
| <p>Q. 92</p> | <p>Choose the correct passive voice sentence.</p> <p>Several countries have imposed stricter regulations on digital currencies in the last month.</p> <p>a) Stricter regulations on digital currencies have been imposed by several countries in the last month. </p> <p>b) Stricter regulations on digital currencies were imposed by several countries in the last month. </p> <p>c) Stricter regulations on digital currencies are being imposed by several countries in the last month. </p> <p>d) Stricter regulations on digital currencies will be imposed by several countries in the last month. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Active verb phrase "have imposed" is in present perfect tense. • Passive form: have/has been + past participle in present perfect tense. • So, "have been imposed" correctly matches the active. • Option B is simple past passive—less accurate given the present perfect active. • Option C is present continuous passive, which does not reflect the completed action implied by "have imposed." • Option D is future passive—incorrect for a past event. |





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| <p>Q. 93</p> | <p>Find the part of the sentence which contains an error.</p> <p>"Rarely since the independence, has India witnessed such a rapid and unprecedented economic slowdown as it is experiencing now."</p> <p>a) Rarely </p> <p>b) since the independence </p> <p>c) has India witnessed </p> <p>d) as it is experiencing now </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • The correct phrase should be "since independence", not "since the independence." • "Independence" here is an uncountable noun referring to India's freedom from colonial rule and does not take the definite article "the." • The adverb "Rarely" is correctly placed at the beginning of the sentence to emphasize a negative inversion ("Rarely has India witnessed..."). • The verb and subject inversion in "has India witnessed" is correct following this negative adverb. • "as it is experiencing now" is grammatically acceptable as a comparative clause referring to the ongoing situation. |





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| <p>Q. 94</p> | <p>The following four sentences (P, Q, R, S) form a meaningful paragraph when arranged correctly. Choose the correct sequence.</p> <p>P: Many people enjoy spending time in nature because it helps them relax and recharge.</p> <p>Q: Being outdoors has numerous benefits, including reducing stress and improving mood.</p> <p>R: For example, taking a walk in a park or forest can clear the mind and boost creativity.</p> <p>S: Therefore, it is important to spend time in natural environments regularly.</p> <p>a) S – P – R – Q </p> <p>b) P – Q – S – R </p> <p>c) P – R – Q – S </p> <p>d) P – Q – R – S </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • P introduces the idea that many people like nature because it is relaxing. • Q explains the benefits of being outdoors, supporting the first sentence. • R gives a specific example reinforcing the benefit mentioned in Q. • S concludes by emphasizing the importance of spending time in nature. <p>Thus, the sequence P → Q → R → S is logical and coherent.</p> |

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| <p>Q. 95</p> | <p>Choose the correct indirect speech form.</p> <p>The education secretary stated, "We are reconsidering the syllabus to include more digital literacy content from the upcoming session."</p> <p>a) The education secretary stated that they were reconsidering the syllabus to include more digital literacy content from the upcoming session. </p> <p>b) The education secretary stated that they are reconsidering the syllabus to include more digital literacy content from the upcoming session. </p> <p>c) The education secretary stated that they had reconsidered the syllabus to include more digital literacy content from the upcoming session. </p> <p>d) The education secretary stated that they were reconsidering the syllabus to include more digital literacy content from the session upcoming. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Present continuous "are reconsidering" changes to past continuous "were reconsidering." • "We" changes to "they." • "Upcoming session" remains unchanged as it indicates a future event relative to the past statement; using "from the session upcoming" (Option D) is incorrect word order. • Option B incorrectly keeps present continuous. • Option C uses past perfect "had reconsidered," altering the meaning. |

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| <p>Q. 96</p> | <p>Choose the correct sentence.</p> <p>a) By the time the train arrived, we had already left the station. </p> <p>b) By the time the train had arrived, we already left the station. </p> <p>c) By the time the train arrived, we already had leave the station. </p> <p>d) By the time the train had arrived, we had already leave the station. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • The past perfect tense expresses an action that was completed before another action in the past. • In this sentence, "had already left" is the past perfect form showing the action completed before "the train arrived" (simple past). • Option A correctly uses simple past for the later event ("arrived") and past perfect ("had left") for the earlier event. • Option B is incorrect because it uses past perfect ("had arrived") for the later event and simple past for the earlier event, which is reversed. • Option C is incorrect due to wrong verb form "had leave" (should be past participle "left"). • Option D also wrongly uses "had already leave" — "leave" is incorrect in past perfect; it should be "left." |
| <p>Q. 97</p> | <p>Choose the correct phrase to fill in the blank in the sentence below:</p> <p><i>Despite facing numerous setbacks, the team managed to _____ and achieve their ambitious targets by the end of the year.</i></p> <p>a) call it a day </p> <p>b) weather the storm </p> <p>c) throw in the towel </p> <p>d) beat around the bush </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • "Weather the storm" means to endure a difficult or challenging situation successfully, fitting the context of overcoming setbacks. • "Call it a day" means to stop working on something, which contradicts the idea of achieving targets. • "Throw in the towel" means to give up or surrender, which also contradicts the meaning. • "Beat around the bush" means to avoid talking about the main topic, unrelated to overcoming challenges. |

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| <p>Q. 98</p> | <p>Select the correct active voice sentence.</p> <p>COVID-19 vaccination drives have been organized by health agencies in several remote districts.</p> <p>a) Health agencies organize COVID-19 vaccination drives in several remote districts. </p> <p>b) Health agencies organized COVID-19 vaccination drives in several remote districts. </p> <p>c) Health agencies have organized COVID-19 vaccination drives in several remote districts. </p> <p>d) Health agencies will organize COVID-19 vaccination drives in several remote districts. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Passive "have been organized" is in present perfect passive tense. • Active voice equivalent is present perfect active: "have organized." • Option A is present simple active, incorrect as the original shows completed or recent actions. • Option B is simple past active, less accurate than present perfect given the passive. • Option D is future tense, conflicting with the passive present perfect. |

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| <p>Q. 99</p> | <p>Four sentences are given below. Each sentence contains one wrong word. Identify the sentence in which the word is spelled correctly.</p> <p>a) The environmentalist expressed deep concern over the rapid rise in <i>deforestation</i> rates worldwide. </p> <p>b) She received an <i>embarrassment</i> during her presentation due to technical difficulties. </p> <p>c) The architect's <i>concious</i> effort to blend modern and traditional styles was widely praised. </p> <p>d) His <i>priviledge</i> to attend the conference was appreciated by all his colleagues. </p> |
| <p>Explanation:</p> | <p>Explanation:</p> <ul style="list-style-type: none"> • Option A: deforestation — Correctly spelled. • Option B: embarrassment — Incorrect; the correct spelling is <i>embarrassment</i> (double 'r' and double 's'). • Option C: concious — Incorrect; the correct spelling is <i>conscious</i> (with 's' after 'c'). • Option D: priviledge — Incorrect; the correct spelling is <i>privilege</i> (with 'i' after 'l'). <p>Only option A contains the correctly spelled word.</p> |

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| Q. 100 | <p>Choose the correct passive form.</p> <p>Scientists worldwide are studying the impact of extreme weather patterns on agriculture.</p> <p>a) The impact of extreme weather patterns on agriculture is studied worldwide by scientists. </p> <p>b) The impact of extreme weather patterns on agriculture is being studied worldwide by scientists. </p> <p>c) The impact of extreme weather patterns on agriculture was studied worldwide by scientists. </p> <p>d) The impact of extreme weather patterns on agriculture has been studied worldwide by scientists. </p> |
| Explanation: | <p>Explanation:</p> <ul style="list-style-type: none">• The active sentence is in present continuous tense ("are studying").• Passive form in the present continuous is "is being" + past participle.• So, "is being studied" correctly matches the tense and voice.• Option A is present simple passive, which does not match "are studying".• Option C is past tense passive, which conflicts with the present continuous active form.• Option D is present perfect passive, which does not match the continuous action implied in active form. |