



Date : 10th Dec 2023

Special Question - Logical Reasoning

English

Q:1 A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it. Historically, economic recessions have been characterized by a decline in economic activities, high unemployment rates, and a decrease in consumer spending. Governments often implement various measures to stimulate economic recovery during these challenging periods.

Statement: 'Economic recessions always lead to an increase in consumer spending.'

Options:

- A- Statement is definitely true.
- B- Statement is probably true.
- C- Statement cannot be determined.
- D- Statement is completely false.

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

Q:2 A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

In the realm of quantum physics, the phenomenon of entanglement suggests that particles can become interconnected in such a way that the state of one particle instantaneously influences the state of another, regardless of the distance between them. This mysterious aspect challenges classical notions of causality.

Statement: 'Entanglement in quantum physics allows particles to influence each other's states regardless of the distance between them.'

Options:

- A- Statement is completely true.
- B- Statement is probably true.
- C- Statement cannot be determined.
- D- Statement is completely false.

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

Q:3 In the study of artificial intelligence ethics, there is a growing concern about bias in machine learning algorithms. Biased algorithms can perpetuate and even exacerbate existing

societal inequalities, making it crucial to address and mitigate biases in AI systems.

Statement: 'Bias in machine learning algorithms have significant implications for societal inequalities.'

Options:

- A- Statement is completely true.
- B- Statement is probably true.
- C- Statement cannot be determined.
- D- Statement is completely false.

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

Q:4 A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

In the study of ancient civilizations, archaeologists often rely on the analysis of artifacts and structures to reconstruct past societies. The careful examination of these remains provides valuable insights into the cultural practices and lifestyles of ancient peoples.

Statement: 'Archaeologists primarily rely on written records to understand ancient civilizations.'

Options:

- A- Statement is definitely true.
- B- Statement is probably true.
- C- Statement cannot be determined.
- D- Statement is completely false.

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

Q:5 A question has been given in this question and a statement related to it. Read the passage carefully and review the statement based on it.

Recent archaeological discoveries have provided insights into ancient civilizations' advanced engineering techniques. The precision in constructing structures, such as megalithic monuments, raises questions about the technological sophistication of these ancient societies and challenges previous assumptions about their capabilities.

Statement: 'Ancient civilizations had primitive and unsophisticated engineering techniques.'



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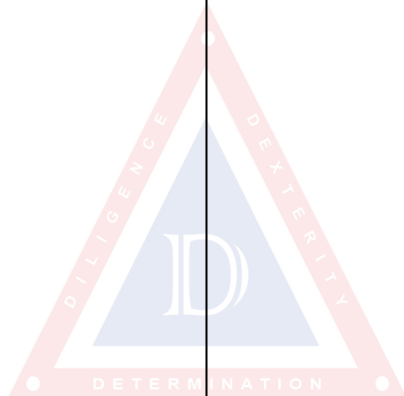
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English

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- D- Statement is completely false.

- 1. A
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Answer Key

1. (4) 2. (1) 3. (1) 4. (4) 5. (4)

Answers and Solutions

Q:1 The correct answer is **Option 4** i.e. **D**.

Explanation: The passage suggests that economic recessions are characterized by a decrease in consumer spending, not an increase.

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

Q:2 The correct answer is **Option 1** i.e. **A**.

The passage explicitly mentions that entanglement allows particles to influence each other's states regardless of distance. So, the Statement is completely true.

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

Q:3 The correct answer is **Option 1** i.e. **A**.

The passage emphasizes the significant implications of bias in machine learning algorithms for societal inequalities. So, the Statement is completely true.

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

Q:4 The correct answer is **Option 4** i.e. **D**.

The passage emphasizes the reliance on artifacts and structures, not just written records, to understand ancient civilizations.

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

Q:5 The correct answer is **Option 4** i.e. **D**.

The passage mentions 'advanced engineering techniques' and challenges assumptions about the capabilities of ancient societies, indicating that the statement is completely false.

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