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Question: According to the text, what is science often described as?

- A) A collection of isolated facts
- B) A pursuit of artistic expression
- C) A systematic approach to understanding the natural world
- D) A historical record of events

Correct Answer: C) A systematic approach to understanding the natural world

2

Question: Which of the following is NOT a step in the scientific method, as described in the text?

- A) Observation
- B) Hypothesis formulation
- C) Experimentation
- D) Conjecture

Correct Answer: D) Conjecture

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Question: Which discovery revolutionized medicine and saved countless lives, as mentioned in the text?

- A) The theory of relativity
- B) The discovery of penicillin
- C) The invention of the telescope
- D) The development of computers

Correct Answer: B) The discovery of penicillin

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Question: What is the benefit of the interconnectedness of different scientific disciplines?

- A) It limits the scope of research to specific fields.

- B) It leads to groundbreaking innovations.
- C) It creates competition between different fields.
- D) It slows down the process of scientific discovery.

Correct Answer: B) It leads to groundbreaking innovations.

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Question: What role does technology play in science, according to the text?

- A) It hinders the ability to explore the universe.
- B) It is not relevant to scientific progress.
- C) It enhances our ability to explore and understand the universe.
- D) It makes scientific research more complicated and less effective.

Correct Answer: C) It enhances our ability to explore and understand the universe.