

1

Question: What is at the heart of scientific inquiry, allowing scientists to test ideas and draw conclusions based on evidence?

- A) The theory of relativity
- B) The scientific method
- C) The discovery of penicillin
- D) The formulation of biochemistry

Correct Answer: B) The scientific method

2

Question: Which of the following is an example of interdisciplinary collaboration in science?

- A) The study of space and time
- B) The discovery of subatomic particles
- C) Biochemistry, which merges biological and chemical principles
- D) The investigation of climate change

Correct Answer: C) Biochemistry, which merges biological and chemical principles

3

Question: What plays a pivotal role in scientific research, enabling scientists to analyze vast datasets and explore the universe?

- A) The scientific method
- B) Technological advancements
- C) The theory of relativity
- D) The discovery of penicillin

Correct Answer: B) Technological advancements

4

Question: According to the text, what is the impact of science on our daily lives?

A) It only informs public policy

B) It only influences healthcare decisions

C) It shapes our daily lives, informs public policy, influences healthcare decisions, and drives economic growth

D) It only drives economic growth

Correct Answer: C) It shapes our daily lives, informs public policy, influences healthcare decisions, and drives economic growth

5

Question: What can cultivate a love for science in young minds, according to the text?

A) Encouraging curiosity and fostering critical thinking

B) Promoting only mathematics education

C) Sharing stories of scientific achievements

D) Only fostering critical thinking

Correct Answer: A) Encouraging curiosity and fostering critical thinking