

1

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

- A) The Power of Technology
- B) The Scientific Method
- C) The Theory of Relativity
- D) The Discovery of Penicillin

Correct Answer: B) The Scientific Method

2

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

- A) Biology and Mathematics
- B) Biochemistry and Physics
- C) Chemistry and Biology
- D) All of the above

Correct Answer: D) All of the above

3

Question: What is the role of technology in scientific research, according to the text?

- A) To limit the scope of scientific inquiry
- B) To enhance our ability to explore and understand the universe
- C) To replace human scientists with automated systems
- D) To reduce the importance of experimentation

Correct Answer: B) To enhance our ability to explore and understand the universe

4

Question: According to the text, what is the impact of science on society?

- A) It only affects laboratories and classrooms

- B) It informs public policy, influences healthcare decisions, and drives economic growth
- C) It has no significant impact on daily life
- D) It only benefits scientists and researchers

Correct Answer: B) It informs public policy, influences healthcare decisions, and drives economic growth

5

Question: Why is it essential to inspire the next generation of scientists, according to the text?

- A) To increase the number of scientists in the world
- B) To encourage curiosity, foster critical thinking, and promote STEM education
- C) To reduce the importance of science in society
- D) To limit the scope of scientific inquiry

Correct Answer: B) To encourage curiosity, foster critical thinking, and promote STEM education