

Lesson 1 Quiz – Question 1

1. What is biology?

- A. The study of rocks and minerals
- B. The study of weather and climate
- C. The scientific study of living organisms and life processes
- D. The study of stars and planets
- E. The study of machines

Lesson 1 Quiz – Question 2

2. Which statement best describes the diversity and unity of life?

- A. All living organisms are identical.
- B. Living organisms differ in many ways but share common chemical and genetic foundations.
- C. Only animals share a common ancestry.
- D. Plants and animals have completely different origins.
- E. Microorganisms are not related to other living things.

Lesson 1 Quiz – Question 3

3. Which of the following represents the correct progression of biological organization?

A. Cells → Molecules → Ecosystems → Organisms

B. Organisms → Cells → Molecules → Biosphere

C. Molecules → Cells → Organisms → Populations → Ecosystems → Biosphere

D. Ecosystems → Populations → Cells → Molecules

E. Biosphere → Molecules → Cells → Organisms

Lesson 1 Quiz – Question 4

4. Why are viruses considered a special case in biology?

- A. They are made of metal.
- B. They can reproduce without living cells.
- C. They contain genetic material but cannot reproduce independently.
- D. They do not contain genetic material.
- E. They are larger than bacteria.

Lesson 1 Quiz – Question 5

5. Which of the following is NOT an important application of biology?

- A. Medicine
- B. Agriculture
- C. Environmental protection
- D. Biotechnology
- E. Building automobiles

Correct Answers

1. C

2. B

3. C

4. C

5. E

Have you got all the answers correct?