

Ecosystem Components Review

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Understanding Biotic and Abiotic Factors

Name: _____

Date: _____

Answer the following questions based on what you learned about ecosystems.

1. What are biotic factors?

- A. Non-living elements
- B. Living organisms
- C. Weather conditions

2. Describe one way that abiotic factors support living organisms in an ecosystem.

3. Abiotic factors are essential for the survival of living things.

- True False

4. The interdependence in ecosystems shows how ____ rely on one another for survival.

5. Which of the following is an example of an abiotic factor?

- A. Trees
- B. Water
- C. Birds

6. How do the components of an ecosystem demonstrate God's intentional design?

7. Ecosystems do not show any signs of interdependence.

- True False

8. God saw everything that he had made, and behold, it was very ____ .

9. What is an example of a biotic factor in an ecosystem?

- A. Soil
- B. Fungi
- C. Sunlight

10. What did we learn about the components of ecosystems?

Answer Key

1. Living organisms 2. Abiotic factors like sunlight provide energy for plants to grow, which then support herbivores. 3. True 4. organisms 5. Water 6. God designed ecosystems so that living and non-living things work together perfectly. Each part has a role that supports the whole system. 7. False 8. good 9. Fungi 10. We learned that ecosystems consist of both living and non-living components, and that each part is important for the health of the environment.