

Name _____

Unveiling Ecosystems: Exploring Their Essential Components

Open-Ended Response Questions

1. Describe the interdependence between abiotic and biotic factors in an ecosystem, providing examples to illustrate your explanation.
2. Discuss the flow of energy through different trophic levels in an ecosystem, starting from producers to top consumers, and how it maintains ecosystem balance.
3. Explain the concept of ecological succession and how disturbances like wildfires or human activities can influence the process.
4. Explore the importance of maintaining biodiversity within an ecosystem and how it contributes to ecosystem stability and resilience.

