

Ecosystem Basics

Environmental Science · Practice Test · 9 Questions

1. What is an ecosystem?

- A) A community of interacting organisms and their physical environment.
- B) A group of animals living together.
- C) A collection of plants in a garden.
- D) A single organism.

2. Which of these is a biotic factor in an ecosystem?

- A) Sunlight
- B) Water
- C) A tree
- D) Soil

3. Which of these is an abiotic factor in an ecosystem?

- A) A fish
- B) A rock
- C) A bird
- D) A flower

4. What is the role of producers in an ecosystem?

- A) To consume other organisms
- B) To decompose dead organisms
- C) To create their own food through photosynthesis
- D) To hunt for food

5. What is the role of consumers in an ecosystem?

- A) To produce their own food
- B) To eat other organisms for energy
- C) To break down dead matter
- D) To provide shelter for other organisms

6. What is the role of decomposers in an ecosystem?

- A) To eat living organisms
- B) To break down dead organisms and waste
- C) To produce oxygen
- D) To provide energy

7. What is a food chain?

- A) A series of organisms that eat each other
- B) A group of animals that hunt together
- C) A cycle of water in an ecosystem
- D) A process of photosynthesis

8. What is a food web?

- A) A single line of organisms eating each other
- B) Interconnected food chains
- C) A type of spider web
- D) A system for distributing food

9. What is the source of energy for most ecosystems?

- A) Coal
- B) Oil
- C) The Sun
- D) Wind