

## Ecology Video Quiz

1. choose one Which of the following BEST describes what ecology means?
  - a) Ecology involves the movement of energy within an ecosystem.
  - b) Ecology involves the plants that are present in a particular environment.
  - c) Ecology involves the relationship between an organism and where it lives.
  - d) Ecology involves the weather and climate of a specific environmental niche.
  
2. choose one Which of the following distinguishes a habitat from a niche?
  - a) A habitat is where an organism lives. The niche is what the organism does.
  - b) A habitat is what the organism eats. The niche is the location where an organism lives.
  - c) A habitat is the type of nests an organism builds. The niche is what the organism eats.
  - d) A habitat is the type of food an organism selects. The niche is the location where the organism nests.
  
3. choose one Which of the following terms BEST describes the total number of a specific species that occupies a habitat?
  - a) society
  - b) culture
  - c) population
  - d) community
  
4. choose one Which of the following is the BEST example of an ecosystem?
  - a) a doctor's office
  - b) the ocean floor
  - c) a crowded party
  - d) an empty laboratory
  
5. choose one Which of the following is the BEST example of an Earth biome?
  - a) a lake
  - b) a desert
  - c) a maple grove
  - d) a termite mound

6. choose one Which of the following BEST defines the biosphere?

- a) The first few planets of our solar system.
- b) All of the organisms that inhabit Earth's deserts.
- c) All the oceans of Earth and the plants and animals in the oceans.
- d) The thin outer layer of Earth and the things that inhabit this layer.

7. choose one Which of the following is a hypothesis that explains why the population of amphibians is decreasing?

- a) Most water habitats have been destroyed.
- b) Amphibians are more sensitive to pollutants in the water.
- c) There have been colder temperatures in recent years.
- d) Right now they are cycling through a small population year.