

Section Quick Check

CHAPTER 2

Section 1: Organisms and Their Relationships

After today's notes and reading the section in your textbook, respond to each statement.

Multiple Choice

1. One biotic factor that could influence a plant might be
 - a. The amount of sunlight
 - b. Soil ph
 - c. Carbon dioxide concentration
 - d. A pollinating inset
2. The broadest most inclusive level of ecological organization is the
 - a. Population
 - b. Community
 - c. Biosphere
 - d. Ecosystem
3. A pond is an example of
 - a. A population
 - b. A community
 - c. A biosphere
 - d. An ecosystem
4. Ecologists would use models to
 - a. Make predictions about the future behavior of an ecosystem
 - b. Substitute for observations from the natural world
 - c. Increase the complexity of simple ecosystems
 - d. Account for the influence of every variable in a real environment
5. The role a species plays in its environment is called the species
 - a. Habitat
 - b. Niche
 - c. Resources
 - d. Tolerance curve

Vocabulary Review---Distinguish between the terms in each of the following pairs.

6. Abiotic and biotic factor _____

7. Habitat, niche _____

8. Mutualism and Parasitism _____

9. Ecosystem and community _____

10. Predator and Prey _____

After today's notes and reading the section in your textbook, respond to each statement.

1. **Recall** how is the biosphere divided up, (hint what is the next level of classification).

2. **Discuss** how to recognize the predator and the prey in a predation relationship.

3. **Indicate** how individuals relate to populations and to communities.

4. Identify which level of organization is shown in the pictures below.




