

Name \_\_\_\_\_

## Exploring Ecology: Understanding Populations and Communities

### Multiple Choice Questions

1. What is a population in ecology?
  - a) A group of different species living in the same area
  - b) A group of individuals of the same species living in the same area
  - c) A group of organisms interacting within a community
  - d) A group of organisms competing for resources
  
2. Which of the following is a characteristic of a community?
  - a) Interbreeding among individuals
  - b) Sharing similar characteristics
  - c) Interactions between different species
  - d) Population size and density
  
3. What do ecologists study to understand the dynamics of populations?
  - a) Population size, density, and distribution
  - b) Interactions between species
  - c) Species diversity
  - d) Habitat characteristics
  
4. What is the primary focus of communities in ecology?
  - a) Interactions between individuals of the same species
  - b) Population size and demographics
  - c) Interactions between different species
  - d) Genetic variation within a species
  
5. How do populations and communities differ in ecology?
  - a) Populations focus on individuals of different species, while communities focus on individuals of the same species.
  - b) Populations encompass all species within an ecosystem, while communities focus on interactions between different species.
  - c) Populations focus on interactions between different species, while communities focus on interactions within a single species.
  - d) Populations focus on individuals of the same species, while communities focus on interactions between different species.

