

Community Ecology Quiz Answer Key PDF

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What is the primary focus of community ecology?

- A. Individual organisms
- C. Species interactions within a community ✓**
- D. Ecosystem energy flow
- C. Population genetics

Which of the following are human impacts on community ecology? (Select all that apply)

- A. Climate change ✓**
- C. Natural succession
- D. Pollution ✓**
- C. Habitat destruction ✓**

What type of succession occurs in an area where no soil previously existed?

- A. Secondary succession
- C. Primary succession ✓**
- D. Climax succession
- C. Tertiary succession

Which of the following are characteristics of a climax community? (Select all that apply)

- A. High biodiversity ✓**
- C. Stability ✓**
- D. Low species richness
- C. Dynamic changes

Which species interaction involves one organism benefiting while the other is harmed?

- A. Mutualism
- C. Parasitism ✓**
- D. Competition
- C. Commensalism

Which species are considered apex predators? (Select all that apply)

- A. Lions ✓**
- C. Sharks ✓**
- D. Rabbits
- C. Deer

What are the components of a niche? (Select all that apply)

- A. Habitat ✓**
- C. Interactions with other species ✓**
- D. Physical appearance
- C. Resource use ✓**

Which index is commonly used to measure species diversity?

- A. Shannon index ✓**
- C. Richter scale
- D. Mohs scale
- C. Beaufort scale

What factors contribute to community stability? (Select all that apply)

- A. High species diversity ✓**
- C. Frequent disturbances
- D. Resource availability ✓**
- C. Presence of keystone species ✓**

What is the term for the physical environment where a species lives?

- A. Habitat ✓**
- C. Biome

- D. Ecosystem
- C. Niche

Which term describes the number of different species present in a community?

- A. Species richness ✓**
- C. Species diversity
- D. Species abundance
- C. Species evenness

What is the role of a keystone species in an ecosystem?

- A. They are the most abundant species.
- C. They have a large impact on their environment. ✓**
- D. They are always top predators.
- C. They are the first to colonize new areas.

Which of the following is an example of a disturbance in an ecological community?

- A. Migration
- C. Fire ✓**
- D. Pollination
- C. Photosynthesis

Which of the following are considered species interactions? (Select all that apply)

- A. Mutualism ✓**
- C. Parasitism ✓**
- D. Symbiosis
- C. Commensalism ✓**