

Community Ecology Quiz PDF

Community Ecology Quiz PDF

Disclaimer: *The community ecology quiz pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at max@studyblaze.io.*

What is the primary focus of community ecology?

- Individual organisms
- Species interactions within a community
- Ecosystem energy flow
- Population genetics

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

- Climate change
- Natural succession
- Pollution
- Habitat destruction

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

- Secondary succession
- Primary succession
- Climax succession
- Tertiary succession

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

- High biodiversity
- Stability
- Low species richness
- Dynamic changes

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

- Mutualism
- Parasitism

- Competition
- Commensalism

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

- Lions
- Sharks
- Rabbits
- Deer

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

- Habitat
- Interactions with other species
- Physical appearance
- Resource use

Which index is commonly used to measure species diversity?

- Shannon index
- Richter scale
- Mohs scale
- Beaufort scale

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

- High species diversity
- Frequent disturbances
- Resource availability
- Presence of keystone species

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

- Habitat
- Biome
- Ecosystem
- Niche

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

- Species richness
- Species diversity
- Species abundance
- Species evenness

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

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

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

- Migration
- Fire
- Pollination
- Photosynthesis

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

- Mutualism
- Parasitism
- Symbiosis
- Commensalism