

Name \_\_\_\_\_

## Shaken, Not Stirred: Exploring the Impact of Disturbances on Ecosystems

### Multiple Choice Questions

1. What are disturbances in ecosystems?
  - a) Events that stabilize ecosystems
  - b) Events that decrease habitat heterogeneity
  - c) Events that increase biodiversity
  - d) Events or processes that disrupt ecosystem functioning
  
2. Which of the following is a natural disturbance?
  - a) Deforestation
  - b) Pollution
  - c) Hurricane
  - d) Urbanization
  
3. What is ecological succession?
  - a) The process of maintaining stable ecosystems
  - b) The process of disturbances creating new ecosystems
  - c) The process of ecosystems undergoing changes in species composition over time
  - d) The process of ecosystems remaining unchanged over time
  
4. How do disturbances impact biodiversity in ecosystems?
  - a) They always decrease biodiversity.
  - b) They temporarily reduce biodiversity but can lead to an increase over time.
  - c) They have no impact on biodiversity.
  - d) They permanently increase biodiversity.
  
5. What are some adaptations that species have developed to cope with disturbances?
  - a) They have developed deep root systems to withstand drought.
  - b) They have developed specialized seeds that remain dormant until conditions are favorable.
  - c) They have evolved to depend solely on disturbances for survival.
  - d) They have become less resilient to disturbances.

