

Name \_\_\_\_\_

## Woody Wonders: Exploring the Role of Woody Plants in Ecosystems

### Multiple Choice Questions

1. What is one primary role of woody plants in ecosystems?
  - a) Soil erosion
  - b) Air pollution
  - c) Habitat creation
  - d) Water contamination
  
2. How do woody plants contribute to soil stabilization?
  - a) By emitting greenhouse gases
  - b) Through extensive root systems
  - c) By depleting soil nutrients
  - d) Through deforestation
  
3. What process do woody plants use to sequester carbon dioxide?
  - a) Photosynthesis
  - b) Respiration
  - c) Transpiration
  - d) Decomposition
  
4. What term describes the diverse array of plant and animal species supported by woody plants?
  - a) Monoculture
  - b) Biodiversity
  - c) Habitat loss
  - d) Pollution
  
5. What are some ecosystem services provided by woody plants?
  - a) Air and water pollution
  - b) Soil degradation
  - c) Nutrient depletion
  - d) Air and water purification

