

Name \_\_\_\_\_

## The Vital Role of Vascular Plants: Ecosystems and Society

### Multiple Choice Questions

1. What is one of the primary benefits of vascular plants to ecosystems?
  - a) Producing oxygen
  - b) Absorbing carbon dioxide
  - c) Regulating soil pH
  - d) Providing shelter for animals
  
2. How do vascular plants contribute to biodiversity?
  - a) By producing organic compounds
  - b) By providing habitat and food sources
  - c) By reducing erosion
  - d) By increasing soil fertility
  
3. What role do vascular plants play in the global carbon cycle?
  - a) Releasing carbon dioxide into the atmosphere
  - b) Enhancing soil fertility
  - c) Absorbing methane from the atmosphere
  - d) Storing carbon in their biomass
  
4. How do the roots of vascular plants contribute to soil health?
  - a) By promoting erosion
  - b) By reducing water retention
  - c) By stabilizing soil and preventing erosion
  - d) By increasing soil acidity
  
5. What is a direct benefit of vascular plants to human society?
  - a) Providing habitat for wildlife
  - b) Enhancing biodiversity
  - c) Offering sources of food and nutrition
  - d) Regulating climate

