

Name _____

Guardians of the Earth: Exploring the Vital Functions of Ecosystems

Multiple Choice Questions

1. What is the role of wetlands in water management?

- a) Absorbing excess water during floods
- b) Releasing excess water during droughts
- c) Both a and b
- d) None of the above

2. Why are forests often called the lungs of the Earth?

- a) They produce oxygen through photosynthesis
- b) They absorb carbon dioxide through transpiration
- c) Both a and b
- d) They provide habitat for diverse species

3. What is one function of grasslands?

- a) Carbon storage
- b) Water purification
- c) Soil erosion
- d) Coral reef protection

4. How do wetlands contribute to biodiversity?

- a) By trapping pollutants
- b) By providing habitat for diverse species
- c) By releasing excess water
- d) By absorbing carbon dioxide

5. What role do coral reefs play in coastal ecosystems?

- a) Carbon storage
- b) Soil erosion
- c) Water purification
- d) Habitat provision

