

Name _____

Fungi: Nature's Ecosystem Engineers

Multiple Choice Questions

1. What is one of the most important roles fungi play in ecosystems?
 - a) Photosynthesis
 - b) Predation
 - c) Decomposition
 - d) Hunting

2. What is the process by which fungi break down dead organic matter into simpler compounds?
 - a) Photosynthesis
 - b) Respiration
 - c) Digestion
 - d) Decomposition

3. What is a mycorrhizal association?
 - a) A partnership between fungi and plants
 - b) A relationship between fungi and animals
 - c) A type of fungal decomposition
 - d) A fungal disease in plants

4. How do fungi contribute to soil formation?
 - a) By producing sugars
 - b) By binding soil particles together with hyphae
 - c) By absorbing nutrients from the soil
 - d) By releasing toxins into the soil

5. What role do fungi play in nutrient cycling?
 - a) They break down organic matter
 - b) They produce oxygen
 - c) They capture sunlight
 - d) They regulate temperature

