

Name \_\_\_\_\_

## Exploring Nutritional Symbiosis: Nature's Teamwork

### Multiple Choice Questions

1. What is nutritional symbiosis?
  - A) When two species compete for food
  - B) When two different species form a mutually beneficial relationship based on exchanging nutrients or energy
  - C) When one species eats another for survival
  - D) When two species live in the same habitat without interacting
  
2. What do mycorrhizal fungi provide to plants in a symbiotic relationship?
  - A) Sugars
  - B) Oxygen
  - C) Nutrients such as phosphorus and nitrogen
  - D) Water
  
3. How do gut bacteria benefit humans?
  - A) By causing diseases
  - B) By digesting food and synthesizing vitamins
  - C) By attacking the immune system
  - D) By making humans sick
  
4. Why is understanding nutritional symbiosis important?
  - A) It helps us appreciate the interconnectedness of life
  - B) It can lead to innovative solutions in various fields
  - C) It aids in biodiversity conservation efforts
  - D) All of the above
  
5. Which of the following is an example of nutritional symbiosis mentioned in the passage?
  - A) Lions hunting together in packs
  - B) Plants absorbing sunlight for photosynthesis
  - C) Insects feeding on flowers
  - D) Aphids hosting bacteria for amino acid production

