

Name _____

Exploring the Invisible: The World of Viruses

Multiple Choice Questions

1. What is a virus?
 - A) A living organism
 - B) A type of bacteria
 - C) A packet of genetic material wrapped in a protein coat
 - D) A large cell

2. How do viruses reproduce?
 - A) By hijacking the machinery of host cells
 - B) By dividing like cells
 - C) By photosynthesis
 - D) By forming spores

3. What is the structure of a virus?
 - A) DNA or RNA surrounded by a capsid
 - B) Genetic material surrounded by a nucleus
 - C) A single cell with a nucleus
 - D) A network of membranes

4. Why are viruses considered adaptable?
 - A) Because they can reproduce independently
 - B) Because they can mutate rapidly
 - C) Because they are resistant to treatment
 - D) Because they are visible under a microscope

5. What role do some viruses play in ecosystems?
 - A) Causing diseases in plants
 - B) Enhancing soil fertility
 - C) Aiding in photosynthesis
 - D) Controlling populations of harmful bacteria

