

Name _____

Viruses Unveiled: Exploring Their Impact on Life

Multiple Choice Questions

1. What are bacteriophages?
 - A) Harmful viruses
 - B) Beneficial viruses that infect and destroy bacteria
 - C) Parasitic fungi
 - D) Bacterial cells

2. How have viruses been used in gene therapy?
 - A) To cause diseases
 - B) To stimulate the immune system
 - C) To deliver therapeutic genes
 - D) To treat bacterial infections

3. What is one way viruses contribute to genetic diversity?
 - A) By transferring genetic material between species
 - B) By destroying genetic material
 - C) By causing genetic mutations
 - D) By hiding genetic material

4. What are vaccines used for?
 - A) To spread diseases
 - B) To weaken the immune system
 - C) To prevent infectious diseases
 - D) To treat genetic disorders

5. Why is it important to understand the complexities of viruses?
 - A) To create stronger viruses
 - B) To increase bacterial populations
 - C) To spread fear and panic
 - D) To appreciate their role in the web of life

