

Name _____

Decoding the Blueprint: Unveiling the Structure of Viruses

Multiple Choice Questions

1. What is the function of the capsid in a virus?
 - A) To shield the virus's genetic material
 - B) To help the virus move
 - C) To produce energy for the virus
 - D) To regulate the virus's temperature

2. Which part of the virus is responsible for recognizing and attaching to host cells?
 - A) Genetic material
 - B) Capsid
 - C) Viral envelope
 - D) Viral proteins

3. What is the viral envelope derived from?
 - A) The virus's genetic material
 - B) The host cell's membrane
 - C) The virus's capsid
 - D) The virus's proteins

4. What is the purpose of viral proteins embedded in the viral envelope?
 - A) To shield the virus from detection
 - B) To produce energy for the virus
 - C) To destroy host cells
 - D) To regulate the virus's temperature

5. What happens once a virus enters a host cell?
 - A) The virus remains dormant within the cell
 - B) The virus exits the cell and moves to another host
 - C) The virus replicates and produces more virus particles
 - D) The virus becomes inactive and harmless

