

1. Bacteriophages capable of a lysogenic life cycle are termed:

- A. lytic bacteriophages.
- B. temperate bacteriophages.
- C. prophages.
- D. lysogenic bacteriophages.

2. The DNA from a bacteriophage incorporated into the chromosome of a host bacterium is termed:

- A. a temperate bacteriophage.
- B. a lytic bacteriophage.
- C. a prophage.
- D. a lysogen.

3. A virus adsorbs to receptors on a bacterium, injects its genome, and either inserts into the host cell's chromosome or replicates within the host cell. This best describes:

- A. The lytic life cycle of bacteriophages.
- B. The lysogenic life cycle of bacteriophages.
- C. The productive life cycle of proviruses.