

SECTION

3

Reinforcement

Viruses

1. Listed below are the steps by which an active virus copies itself and destroys a cell. Number the steps in the correct order in the blanks provided at the left.

- _____ a. The cell bursts open and hundreds of new virus particles are released. These new virus particles go on to infect other cells.
- _____ b. A specific virus attaches to the surface of a specific host cell.
- _____ c. The viral hereditary material takes control of the host cell and the cell begins to make new virus particles.
- _____ d. The hereditary material of the virus entering the host cell.

Directions: Answer the following questions using complete sentences.

2. Explain what a latent virus does when it enters a cell.

3. Discuss several ways to prevent viral infections.

4. What are vaccines made from?

5. How does gene therapy work?

Meeting Individual Needs