

**Chapter 22**

Use with Section 1

**REINFORCEMENT****● Communicable Diseases**

Answer the following questions using information from the textbook.

1. What causes most diseases? \_\_\_\_\_  
\_\_\_\_\_
2. What happens when milk is pasteurized? \_\_\_\_\_  
\_\_\_\_\_
3. How is a disinfectant different from an antiseptic? \_\_\_\_\_  
\_\_\_\_\_
4. What are some ways communicable diseases are spread? \_\_\_\_\_  
\_\_\_\_\_
5. How was the Plague spread? \_\_\_\_\_
6. What are some sexually transmitted diseases that are caused by viruses? \_\_\_\_\_  
\_\_\_\_\_
7. What kinds of STDs are treatable? What does the treatment consist of? \_\_\_\_\_  
\_\_\_\_\_

Robert Koch developed a set of rules to use for figuring out which pathogen caused a particular disease. Use the following terms to complete the rules listed below.

disease	original organism	injected	test animal
suspect	pure culture	same	pathogen

8. In every case of a particular disease, the \_\_\_\_\_ thought to cause the \_\_\_\_\_ must be present.
9. The \_\_\_\_\_ pathogen has to be separated from all other pathogens and grown in a \_\_\_\_\_.
10. When the pathogen from the pure culture is \_\_\_\_\_ into a \_\_\_\_\_, it must cause the original disease.
11. When the suspect pathogen is removed from the test animal and grown again, it has to be compared with the \_\_\_\_\_ to see if they are the \_\_\_\_\_.