

UNIT 13:1 UNDERSTANDING THE PRINCIPLES OF INFECTION CONTROL

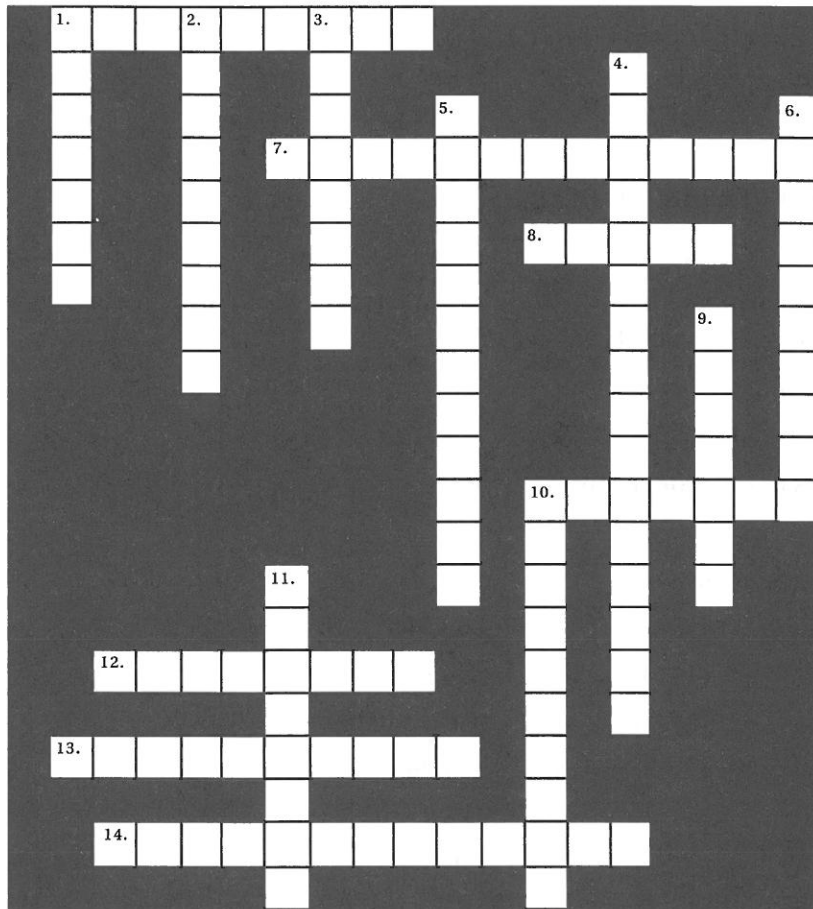
ASSIGNMENT SHEET

Grade _____ Name _____

INTRODUCTION: This assignment will allow you to gain a basic knowledge of how disease is transmitted and the main ways to prevent it.

INSTRUCTIONS: Read the information on Understanding the Principles of Infection Control. In the space provided, print the word(s) that best completes the statement or answers the question.

1. Use the Key Terms to complete the crossword puzzle.



ACROSS

1. Organisms that live and reproduce in the absence of oxygen
7. Process that destroys all microorganisms including spores and viruses
8. Plantlike organisms that live on dead organic matter

10. Absence of pathogens
12. Germ- or disease-producing microorganism
13. Infections acquired in a health care facility
14. Small living plant or animal organism not visible to naked eye

DOWN

1. Organisms that require oxygen to live
 2. Disease originates outside the body
 3. One-celled plantlike organisms that multiply rapidly
 4. Factors that must be present for disease to occur
 5. Process that destroys or kills pathogens
 6. Disease originates within the body
 9. Smallest microorganisms
 10. Process that inhibits or prevents the growth of pathogenic organisms
 11. One-celled animal organisms found in decayed materials and contaminated water
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2. How do nonpathogens differ from pathogens?

3. Identify the following shapes of bacteria.

- a. rod shaped:
- b. comma shaped:
- c. round or spherical arranged in a chain:
- d. spiral or corkscrew:
- e. round or spherical arranged in clusters:

4. Identify the class of microorganisms described by the following statements.

- a. smallest microorganisms:
- b. parasitic microorganisms:
- c. one-celled animal organisms found in decayed materials and contaminated water:
- d. plantlike organisms that live on dead organic matter:
- e. microorganisms that live on fleas, lice, ticks, and mites:
- f. cause diseases such as gonorrhea and syphilis:
- g. cause diseases such as measles and mumps:
- h. cause diseases such as ringworm and athlete's foot:

5. What does federal law require of employers in regards to the hepatitis B vaccine?

6. List three (3) things needed for microorganisms to grow and reproduce.