

NAME: \_\_\_\_\_

*Key*

## CHAPTER 14 WORKSHEET BLOODBORNE PATHOGENS

**MATCHING** – Match each item with the appropriate response.

- |                                  |   |
|----------------------------------|---|
| 1. <u>E.</u> HIV                 | A. An organism that lives in cells                              |
| 2. <u>D.</u> HBV                 | B. A microorganism that causes disease                          |
| 3. <u>A.</u> Virus               | C. Organization that is responsible for safety in the workplace |
| 4. <u>B.</u> Bloodborne pathogen | D. Virus that leads to liver inflammation                       |
| 5. <u>C.</u> OSHA                | E. Virus that can lead to AIDS                                  |

**SHORT ANSWER** – Answer the following questions with a brief response.

6. Which is more durable, HIV or HBV? Why? HBV is more durable; HIV is structurally more fragile and cannot survive outside the body within several hours.
7. What are the two tests for HIV? Nucleic acid and antigen/antibody tests (ELISA Test)
8. What is the ratio of bleach to water in making a disinfectant? 1 : 10
9. What is the best means of preventing disease transmission? Frequent hand washing
10. What is the function of the three drugs used in the treatment of HIV? 1) block enzyme function in making components of virus, 2) block gene replication of virus and 3) protect T cells.

### LISTING

List two ways an *athlete* can prevent exposure to a bloodborne pathogen.

11. Use of mouthpieces in high-risk sports
12. Shower immediately after practice

List the four things that are done when reporting an exposure to potentially infectious materials.

12. Confidential medical eval; determine means (route) of exposure
13. Identification of the source/person; blood test
14. Counseling if positive for infection
15. Evaluation/treatment of illness

### ESSAY

16. Discuss the proper technique for glove removal. Grasp one gloved hand at the wrist with the opposite hand and peel that glove off, turning it inside out. Ball up the removed glove and hold it in the opposite gloved hand. Then peel off the second glove, turning it inside out, trapping the first glove inside. Avoid touching the exterior of the gloves at all times. Dispose of gloves in biohazard container/ bag and thoroughly wash hands.