**Chapter 6 Review**

**Directions:** Use your notes and textbook to help you answer the questions on this review and to study for your test.

**Lesson 1: Infectious Disease**

**Understanding Main Ideas: Answer the following questions on the lines provided.**

There are four kinds of human pathogens discussed in your book. Please list them below.

1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pathogens can be spread in a variety of ways. What are the FOUR ways your book discusses? Give an example for each!

1) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Lesson 2: The Body’s Defenses**

**Understanding Main Ideas: Answer the following questions on the lines provided.**

What is the body’s first line of defense? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the body’s second line of defense? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the body’s third line of defense? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

How are T Cells and B Cells different? Are they part of the body’s inflammatory response or immune response?

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**Lesson 4: Infectious Disease and Your Health**

**Fill in the Blank:** Choose the word that best completes each statement.

You acquire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when your own immune system produces antibodies against a pathogen in your body.

Babies acquire \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ immunity to some diseases before birth and are protected during the first six months after they are born.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ diseases can be treated with specific medications.

Immunization, also known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, is the process by which harmless antigens are introduced into a person’s body to produce active immunity.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are made naturally by bacteria and fungi, as well as artificially by human beings.

**True/False:** If the statement is true, write true. If the statement is false, change the underlined word or words to make the statement true.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Resistance is the body’s ability to destroy pathogens before they can cause disease.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ You acquire passive immunity when the antibodies come from a source outside your body.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Both bacterial diseases and viral diseases can be prevented.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Bacterial diseases have no known cure.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ In the reaction called active immunity, the body produces the antibodies that fight pathogens.

Why might you treat a bacterial infection with an antibiotic, but not a viral disease?

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**Lesson 5: Noninfectious Disease**

**True/False**: If the statement is true, write true. If the statement is false, change the underlined word or words to make the statement true.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ In recent decades, infectious diseases have grown less common.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cancer cells multiply uncontrollably, destroying healthy tissue.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Allergies, asthma, and diabetes are infectious diseases.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Not all tumors are cancerous.

**Fill in the blank:** Choose the best word that completes the statement.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cause an inflammatory response by the body.

Cancer can be caused by inherited characteristics or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the environment.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a disorder in which the airways in the lungs narrow significantly.

Treatments for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ include surgery, radiation, and drugs.

What is the difference between Type 1 and Type II diabetes?

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Should you be worried about getting diabetes or cancer from a friend who has one of those diseases? EXPLAIN!!!! :)

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