

## Lesson Quiz

# Infectious Disease

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

1. \_\_\_\_\_ Viruses are living particles that damage body cells by reproducing inside them.
2. \_\_\_\_\_ When you have an infectious disease, toxins are in your body causing harm.
3. \_\_\_\_\_ Human pathogens cannot be spread through contact with a sick person or object in the environment, including other living things.
4. \_\_\_\_\_ Most pathogens can be seen only with a microscope.
5. \_\_\_\_\_ Fungi are one-celled or multicelled organisms that grow in warm, dark, moist areas.

Fill in the blank to complete each statement.

6. In the 1860s, the French scientist Louis Pasteur concluded that \_\_\_\_\_ were the cause of most infectious diseases.
7. Joseph Lister's methods dramatically reduced the percentage of patients who died from infection after \_\_\_\_\_.
8. The four major types of human pathogens are bacteria, \_\_\_\_\_, fungi, and protists.
9. A disease caused by a pathogen is a(n) \_\_\_\_\_.
10. \_\_\_\_\_ are one-celled organisms that can cause diseases such as malaria.

## Lesson Quiz

# The Body's Defenses

Fill in the blank to complete each statement.

1. The body has a disease-fighting system to eliminate \_\_\_\_\_ before they can harm your cells.
2. In the \_\_\_\_\_ response, fluid and white blood cells leak from blood vessels and fight pathogens in nearby tissues.
3. \_\_\_\_\_ are molecules that the immune system recognizes either as part of your body or as coming from outside your body.
4. In the \_\_\_\_\_ response, certain cells in the blood and tissues react to each kind of pathogen with a defense targeted specifically at the pathogen.
5. T cells and B cells are the two major types of \_\_\_\_\_.

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

6. \_\_\_\_\_ If an infection is severe enough, it triggers the body's third line of defense, the immune response.
7. \_\_\_\_\_ Most potential pathogens in food are produced by saliva in the mouth and acid in the stomach.
8. \_\_\_\_\_ In the second line of defense, the surface of your skin, breathing passages, mouth, and stomach function as barriers to pathogens.
9. \_\_\_\_\_ The inflammatory response is a general response of white blood cells, inflammation, and sometimes fever.
10. \_\_\_\_\_ When cells are damaged, they release chemicals that trigger the inflammatory response, the body's first line of defense.

## Lesson Quiz

# HIV and AIDS

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

1. \_\_\_\_\_ People can have HIV living in their T cells for many years before they become sick.
2. \_\_\_\_\_ Infected blood cannot spread HIV.
3. \_\_\_\_\_ HIV is one of several viruses known to attack the human immune system directly or destroy T cells.
4. \_\_\_\_\_ HIV can survive briefly outside the human body in fluids including blood and the fluids that the male and female reproductive systems produce.
5. \_\_\_\_\_ HIV can spread from one person to another if body fluids from an infected person contact body fluids of an uninfected person.

Fill in the blank to complete each statement.

6. \_\_\_\_\_ is a disease caused by a virus that attacks the immune system.
7. AIDS is caused by \_\_\_\_\_.
8. Once inside the body, HIV enters \_\_\_\_\_ and reproduces.
9. Drug users who share \_\_\_\_\_ can spread HIV.
10. Combinations of \_\_\_\_\_ can fight HIV in different ways.

## Lesson Quiz

# Infectious Disease and Your Health

Fill in the blank to complete each statement.

1. You acquire \_\_\_\_\_ when your own immune system produces antibodies against a pathogen in your body.
2. Babies acquire \_\_\_\_\_ immunity to some diseases before birth and are protected during the first six months after they are born.
3. \_\_\_\_\_ diseases can be treated with specific medications.
4. Immunization, also known as \_\_\_\_\_, is the process by which harmless antigens are introduced into a person's body to produce active immunity.
5. \_\_\_\_\_ are made naturally by bacteria and fungi, as well as artificially by human beings.

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

6. \_\_\_\_\_ Resistance is the body's ability to destroy pathogens before they can cause disease.
7. \_\_\_\_\_ You acquire passive immunity when the antibodies come from a source outside your body.
8. \_\_\_\_\_ Both bacterial diseases and viral diseases can be prevented.
9. \_\_\_\_\_ Bacterial diseases have no known cure.
10. \_\_\_\_\_ In the reaction called active immunity, the body produces the antibodies that fight pathogens.

## Lesson Quiz

# Noninfectious Disease

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

1. \_\_\_\_\_ In recent decades, infectious diseases have grown less common.
2. \_\_\_\_\_ Cancer cells multiply uncontrollably, destroying healthy tissue.
3. \_\_\_\_\_ Allergies, asthma, and diabetes are infectious diseases.
4. \_\_\_\_\_ Histamine enables body cells to take glucose from the blood and use it for energy.
5. \_\_\_\_\_ Not all tumors are cancerous.

Fill in the blank to complete each statement.

6. \_\_\_\_\_ cause an inflammatory response by the body.
7. Cancer can be caused by inherited characteristics or \_\_\_\_\_ in the environment.
8. \_\_\_\_\_ is a disorder in which the airways in the lungs narrow significantly.
9. In the condition called \_\_\_\_\_, the pancreas produces too little insulin or body cells do not use insulin properly.
10. Treatments for \_\_\_\_\_ include surgery, radiation, and drugs.