

Section 21-1

Quiz

Write the letter of the correct answer in the space provided.

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| _____ 1. organisms such as yeasts, molds,
and mushrooms | a. pathogens |
| _____ 2. single-celled organisms that are much
larger and more complex than bacteria | b. bacteria |
| _____ 3. simple, single-celled microorganisms | c. toxins |
| _____ 4. microorganisms and viruses that
cause disease | d. fungi |
| _____ 5. the smallest pathogens | e. protozoan |
| | f. viruses |

Decide whether each statement is true or false. Write true or false in the space provided.

- _____ 6. Some infectious diseases are transmitted to humans through the bites of animals.
- _____ 7. An infected person cannot spread a disease to another person.
- _____ 8. Pathogens can cause an infectious disease when they enter your body and multiply.
- _____ 9. It is important to refrigerate food promptly to prevent the growth of harmful bacteria.
- _____ 10. All pathogens die immediately when they leave a person's body.

Write the letter of the correct answer in the space provided.

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|--|------------------|
| _____ 1. white blood cells that carry out most of the immune system's functions | a. phagocytes |
| _____ 2. injections that cause a person to become immune to a disease | b. B cells |
| _____ 3. white blood cells that engulf and destroy pathogens | c. lymphocytes |
| _____ 4. proteins that attach to the surface of pathogens or to the toxins produced by pathogens | d. antibodies |
| _____ 5. lymphocytes that produce antibodies | e. T cells |
| | f. immunizations |

Write the letter of the correct answer in the space provided.

- _____ 6. What is a physical defense that prevents pathogens from entering the body?
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|-----------------|--------------------|
| a. inflammation | b. active immunity |
| c. skin | d. stomach acid |
- _____ 7. What is the body's most sophisticated line of defense against pathogens?
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|----------------------|
| a. mucous membranes |
| b. vaccines |
| c. inflammation |
| d. the immune system |
- _____ 8. What results from either having a disease or from receiving a vaccine?
- | |
|------------------------------|
| a. active immunity |
| b. the first line of defense |
| c. inflammation |
| d. passive immunity |
- _____ 9. What does a person acquire by receiving antibodies from a source other than one's own immune system?
- | | |
|---------------------|--------------------|
| a. passive immunity | b. T cells |
| c. inflammation | d. active immunity |
- _____ 10. What is the body's general response to all kinds of injury, from cuts and scrapes to internal damage?
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| a. the lymphatic system |
| b. inflammation |
| c. antibodies |
| d. the immune system |

Section 21-3

Quiz

Write the letter of the correct answer in the space provided.

- _____ 1. Which disease is a highly contagious bacterial disease of the lungs?
- tuberculosis
 - hepatitis
 - Lyme disease
 - pneumonia
- _____ 2. What should you *not* do to avoid disease?
- skip meals
 - exercise regularly
 - wash your hands several times a day
 - manage stress effectively
- _____ 3. A common viral infection of the upper respiratory system is
- Lyme disease.
 - strep throat.
 - tuberculosis.
 - influenza.
- _____ 4. You need to seek medical care if you have
- a body temperature of 98.6°F that lasts more than two days.
 - any illness that lasts for more than a day.
 - a runny nose, a cough, and chest congestion.
 - difficulty breathing, or severe pain anywhere.
- _____ 5. A viral disease that is transmitted in human wastes and contaminated water and food is
- tuberculosis.
 - hepatitis A.
 - influenza.
 - hepatitis C.

Decide whether each statement is true or false. Write true or false in the space provided.

- _____ 6. You can protect yourself from infectious diseases by avoiding contact with pathogens.
- _____ 7. There is no cure for the common cold.
- _____ 8. An antibiotic is a drug that inhibits or kills viruses.
- _____ 9. A fever indicates that the body is fighting an infection.
- _____ 10. An infection of the fluid in the spinal cord and the fluid that surrounds the brain is called pneumonia.

Section 21-4

Quiz

Decide whether each statement is true or false. Write true or false in the space provided.

- _____ 1. Immunizations can contribute to the spread of emerging diseases.
- _____ 2. Sometimes mutations result in a strain of pathogen that no longer responds to medicine.
- _____ 3. Diseases can emerge when humans come into contact with infected animals.
- _____ 4. When an epidemic affects many areas of the world, it is sometimes called a pandemic.
- _____ 5. The 1918 flu outbreak was stopped before it became an epidemic.

Write the letter of the correct answer in the space provided.

- _____ 6. Which term refers to an unusually high occurrence of a disease in a certain place during a certain time period?
 - a. emerging disease
 - b. epidemic
 - c. avian flu
 - d. infectious disease
- _____ 7. What is a viral disease that is spread by droplet inhalation from an infected person's cough or sneeze?
 - a. SARS
 - b. dengue fever
 - c. West Nile virus
 - d. yellow fever
- _____ 8. What is one factor that is responsible for emerging diseases around the world?
 - a. widespread immunization
 - b. prevention of international travel
 - c. drug resistance
 - d. food grown in China
- _____ 9. Which term refers to a disease that threatens to become more common in the near future?
 - a. pandemic
 - b. emerging disease
 - c. globalization
 - d. viral disease
- _____ 10. What is one method of preventing avian flu?
 - a. drug resistance
 - b. avoiding mosquito bites
 - c. not eating contaminated beef
 - d. avoiding contact with birds and poultry farms