

Structure and Function in Living Systems

Respiration and the Respiratory System

Name:

Period:

Use Chapter 16, Section 3 to help you answer the questions below.

Section 3: The Respiratory System (p.508)

- _____ 1. Why does the body need oxygen?
- a. to get energy from food
 - b. to make its own food
 - c. to fight infection
 - d. to make more blood



Respiration and the Respiratory System (p.508)

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 2. the process of using oxygen and releasing carbon dioxide and water
- _____ 3. the process of inhaling and exhaling
- _____ 4. the organs that take in oxygen and get rid of carbon dioxide
- a. respiration
 - b. respiratory system
 - c. breathing

Nose, Pharynx, and Larynx (p.509)

Match the correct description with the correct term. Write the letter in the space provided.

- _____ 5. the main passage into and out of the respiratory system
- _____ 6. the part of the throat that produces sounds
- _____ 7. the throat
- a. pharynx
 - b. nose
 - c. larynx

Trachea (p.509)

- _____ 8. What is the trachea also called?
- a. nose
 - b. throat
 - c. tonsils
 - d. windpipe
- _____ 9. What goes through the trachea?
- a. blood to the heart
 - b. air to the lungs
 - c. food to the stomach
 - d. lymph to the lymph nodes

Bronchi and Alveoli (p.509)

- _____ 10. What is a tube connecting the lungs with the trachea?
- a. pharynx
 - b. nose
 - c. larynx
 - d. bronchus
- _____ 11. What are bronchioles?
- a. smaller branches of bronchi
 - b. tiny sacs in the lungs
 - c. tubes next to the larynx
 - d. pharynx
- _____ 12. What are alveoli?
- a. smaller branches of bronchi
 - b. tiny air sacs in the lungs
 - c. tubes next to the larynx
 - d. pharynx