

## 33.3 The Respiratory System

1. Read each description. Write on the line the part of the respiratory system being described.

\_\_\_\_\_ a. Sounds are produced here by vocal cords

\_\_\_\_\_ b. All exchange of gases in the lungs occurs here.

\_\_\_\_\_ c. Moistens and filters air that enters the body.

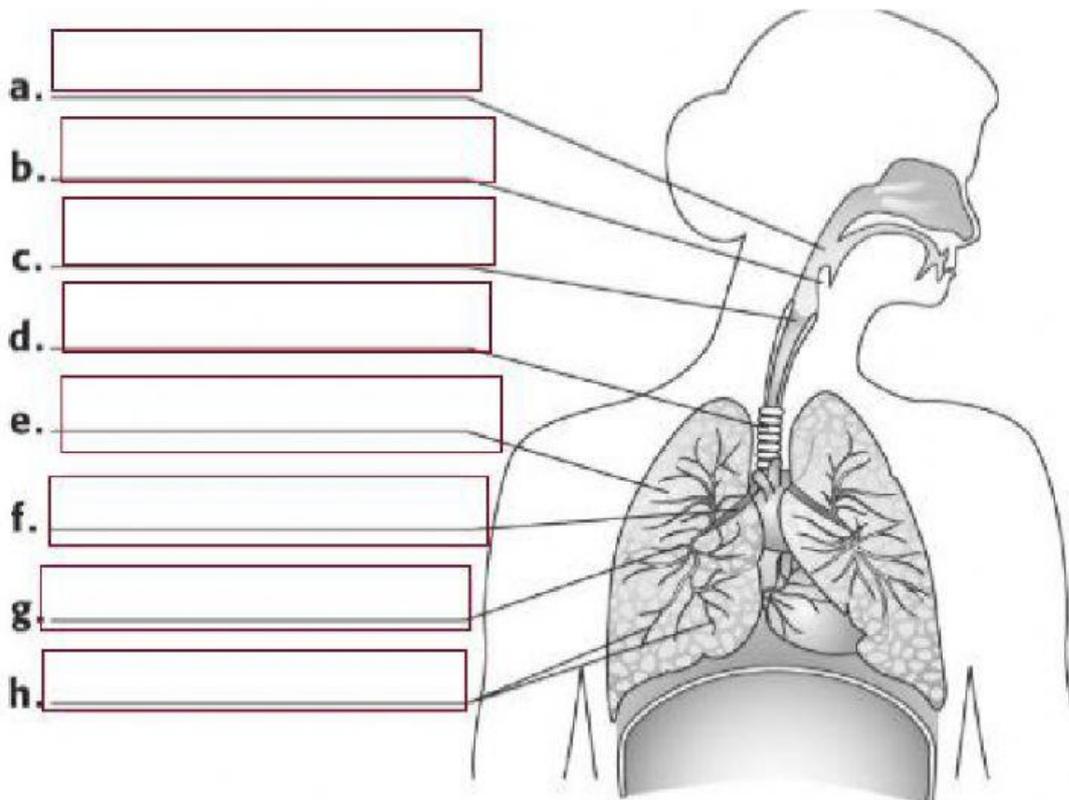
\_\_\_\_\_ d. Passageway for both air and food

\_\_\_\_\_ e. These two large tubes lead to the lungs.

\_\_\_\_\_ f. A flap of tissue that prevent food entry to wind pipe

2. Observe the figure below that shows the parts of the respiratory system. Write the following labels on the diagram:

**“Alveoli” “Bronchus” “Bronchiole” “Epiglottis” “Larynx” “Lung” “Pharynx” “Trachea.”**



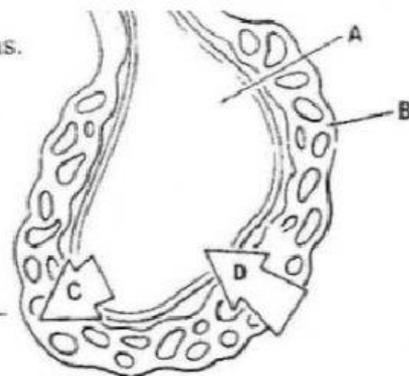
3. Examine the first diagram at the right. Then, answer the questions.

a. What is part A? \_\_\_\_\_

part B? \_\_\_\_\_

b. What gas moves in the direction shown by arrow C?

\_\_\_\_\_ arrow D? \_\_\_\_\_



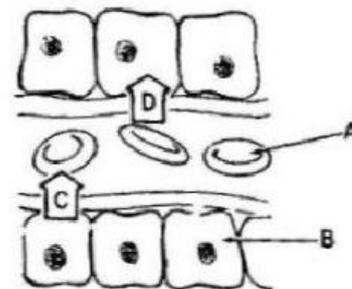
4. Examine the second diagram at the right. Then, answer the questions.

a. What is part A? \_\_\_\_\_

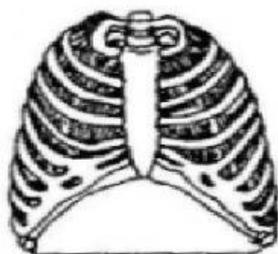
part B? \_\_\_\_\_

b. What gas moves in the direction shown by arrow C?

\_\_\_\_\_ arrow D? \_\_\_\_\_



5. Below are two diagrams of the chest cavity during breathing. Circle the words that correctly complete the statements below each diagram.



6. What is Emphysema?

- Cancer in lung cells

- Mucus due to inflamed bronchi
- alveoli damage & loss of walls elasticity