

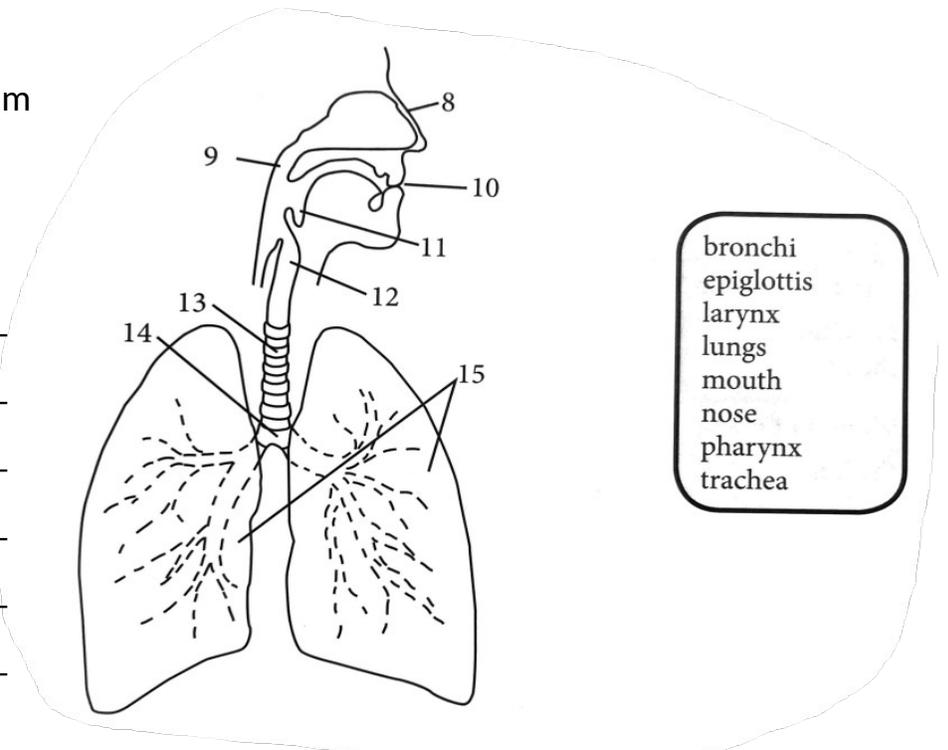
**I. Fill in the Blank:** Write the correct answer from the word bank

alveoli	bronchi	capillaries	cilia
larynx	pharynx	trachea	

1. \_\_\_\_\_ - tiny blood vessels that surround the alveoli
2. \_\_\_\_\_ - also called the windpipe
3. \_\_\_\_\_ - tiny air sacs in the lungs
4. \_\_\_\_\_ - tiny hairlike structures that line the nasal passages as well as most of the respiratory system
5. \_\_\_\_\_ - also called the voice box
6. \_\_\_\_\_ - two tubes that branch off the trachea
7. \_\_\_\_\_ - also called the throat

**II. Labeling:** label the diagram

8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_



bronchi  
epiglottis  
larynx  
lungs  
mouth  
nose  
pharynx  
trachea

**III. Multiple Choice:** Circle the correct answer

16. Which part of the respiratory system is a strong, curved **muscle** attached below the lungs to the lower ribs and backbone?

- A. the alveoli
- B. the diaphragm
- C. the cilia
- D. the epiglottis

17. Which part of the respiratory system is the flap of tissue that covers the trachea when a person swallows?

- A. the epiglottis
- B. the larynx
- C. the diaphragm
- D. the vocal cords

18. Which parts of the respiratory system are saclike organs that replace the carbon dioxide in your blood with oxygen?

- A. the cilia
- B. the bronchioles
- C. the lungs
- D. the bronchi

19. Where does the exchange of oxygen and carbon dioxide take place?

- A. in the bronchi
- B. in the pharynx
- C. in the trachea
- D. in the alveoli

20. Which part of the body controls breathing?

- A. the lungs
- B. the brain
- C. the trachea

D. the cilia

21. Which respiratory disorder often causes the muscles around the bronchial tubes to tighten more than normal, making it hard for a person to breathe?

A. pneumonia

B. the flu

C. asthma

D. a cold

#### IV. Short Answer:

22. In order to live and function every cell needs \_\_\_\_\_.

23. Cells use oxygen and produce \_\_\_\_\_.

24. Breathing is the exchange of gases called \_\_\_\_\_.

25. Breathing that you can think about and control for a short time is called \_\_\_\_\_ breathing.

26. The voice box is called the \_\_\_\_\_.

27. Irritation to the lining of the airways causes air to be violently released through the nose in a \_\_\_\_\_.

28. The sound caused by air that cannot move freely and causes parts of the mouth and throat to vibrate and hit together is a \_\_\_\_\_.

**Extra Credit:** Number the sentences to show the path that air takes when **exhaled** to create speech.

\_\_\_\_\_ Air pushes through the vocal cords

\_\_\_\_\_ Air goes upward from the lungs

\_\_\_\_\_ Air goes into the trachea

\_\_\_\_\_ The vocal cords vibrate and produce sound waves