

HUMAN BIOLOGY

RESPIRATORY SYSTEM ASSIGNMENT #2

REVIEW

1. Air enters your _____ and _____.
 2. It goes to the "back of your throat" which is called the _____.
 3. Name the "flap" that covers the esophagus: _____
 4. What is the "flap" connected to? _____
 5. Air passes the "voice box" which is called the _____
 6. Into the "windpipe" which is called the _____
 7. What keeps the "windpipe" from collapsing? _____
 8. The "windpipe" then branches into two "tubes" called the _____
 9. These "tubes" enter the lung and branch into smaller "tubes" called _____
 10. At the end of these smaller "tubes" are small "sacs" called _____
 11. What happens inside these small "sacs"? _____
 12. Do bronchioles have cartilage? _____
 13. What is the cartilage like in the bronchi? _____
 14. Gas exchange is dependent on the process of _____.
 15. How many lobes are there on the right lung? _____ On the left lung? _____
 16. The "hairs" that line the respiratory tract are called _____
 17. Name 3 functions of the "upper" respiratory tract: _____
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18. Name 1 function of the “lower” respiration tract: _____
19. Name the sheet of muscles that allows the lungs to move: _____
20. When we exhale, the above muscle relaxes but what do your lungs do? _____
21. Most of the air we breathe is made up of _____, only 20% is oxygen.
22. Speaking depends on what? _____
23. Name the membrane that lines the thoracic cavity & covers the lung: _____
24. Name the most likely cause of emphysema and chronic bronchitis: _____

25. Name 3 disease or conditions of the respiratory system: _____,
_____, _____.
26. Define “homeostasis” _____
27. Name 2 ways the lung helps to maintain homeostasis _____

28. Label the following diagram.

