1. Inhalation happens when PATM is \_\_\_\_\_\_\_\_\_ than PALV.
2. True/False Mammals ventilate using a negative pressure system.
3. What is the name of the epithelial tissue of the airways that filter the air?
4. The most important muscle for inhalation is the \_\_\_\_\_\_\_\_\_\_\_.
5. Increasing surface area will \_\_\_\_\_\_\_\_\_\_ the rate of diffusion.
6. True/False Normal exhalation is a passive process.
7. The lumen of the bronchioles is lined with \_\_\_\_\_\_\_\_\_ muscle.
8. When the external intercostal muscles contract, lung volume \_\_\_\_\_\_\_\_\_.
9. Emphysema involves destruction of the \_\_\_\_\_\_\_\_\_\_.
10. The \_\_\_\_\_\_\_\_\_ is a common passageway for air and food.
11. A \_\_\_\_\_\_ airway is one that is open and unobstructed.
12. True/False Ventilation is bidirectional in birds.
13. If resistance increases, air flow will \_\_\_\_\_\_\_\_\_.
14. \_\_\_\_\_\_ is an airway that brings air into the lungs.
15. Parabronchi are to birds as \_\_\_\_\_\_\_\_\_ are to humans.
16. What is the respiratory surface for fish?
17. In fish \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ enhances the diffusion of oxygen.
18. Boyle’s law states an inverse relationship between \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_.
19. Inhalation happens when PATM is \_\_\_HIGHER\_\_\_\_\_\_ than PALV.
20. **True**/False Mammals ventilate using a negative pressure system.
21. What is the name of the epithelial tissue of the airways that filter the air? **Pseudostratified ciliated columnar epithelial tissue with goblet cells**
22. The most important muscle for inhalation is the \_DIAPHRAGM\_\_\_\_\_\_\_\_\_\_.
23. Increasing surface area will \_INCREASE\_\_\_\_\_\_\_\_\_ the rate of diffusion.
24. **True/**False Normal exhalation is a passive process.
25. The lumen of the bronchioles is lined with \_\_SMOOTH\_\_\_\_\_\_\_ muscle.
26. When the external intercostal muscles contract, lung volume \_\_\_INCREASES\_\_\_\_\_\_.
27. Emphysema involves destruction of the \_ALVEOLI\_\_\_\_\_\_\_\_\_.
28. The \_\_PHARYNX\_\_\_\_\_\_\_ is a common passageway for air and food.
29. A \_PATENT\_\_\_\_\_ airway is one that is open and unobstructed.
30. True/**False** Ventilation is bidirectional in birds.
31. If resistance increases, air flow will \_DECREASE\_\_\_\_\_\_\_\_.
32. \_ A PRIMARY BRONCHUS\_\_\_\_\_ is an airway that brings air into the lungs.
33. Parabronchi are to birds as \_\_ALVEOLI\_\_\_\_\_\_\_ are to humans.
34. What is the respiratory surface for fish? GILLS
35. In fish \_COUNTERCURRENT\_\_\_ \_EXCHANGE\_\_\_\_\_ enhances the diffusion of oxygen.
36. Boyle’s law states an inverse relationship between \_\_PRESSURE\_\_ and \_\_VOLUME\_\_\_.