

Study Guide for Bio 4 Hoffman

This guide is intended to help you direct your attention to material covered in class. If by error I have failed to include something on this guide that was covered in lecture, it does not mean it will not be on the test. All material on your Powerpoint handouts may be on your test. I have intended to make this guide comprehensive but it is NOT a *guide* to the questions on the test. Use it wisely.

RESPIRATORY- Chapter 24

1. What are the functions of the respiratory system?
2. Define external and internal respiration.
3. Name the structures of the upper respiratory system. Function?
4. Name and know the functions of the structures of the lower respiratory system
5. Identify the name and location of the superior, middle and inferior meatuses and conchae.
6. Name the paranasal sinuses.
7. Name the function of and know the location of the sinuses.
8. Name the respiratory epithelium and know its function.
9. Know the location of the pharynx and its regions.
10. Know the location of the pharyngeal, palatine and lingual tonsils.
11. Name four of the nine cartilages of the larynx. Where are they located?
12. Describe the larynx movement during swallowing.
13. How many lobes does the lung have?
14. Name the ramifications of the bronchi starting with the primary bronchi and ending with the respiratory bronchioles.
15. What is the function of the alveoli?
16. What cells are found within the alveoli and what is their function?
17. Define hilus.
18. Compare the oxygen content of pulmonary veins and pulmonary arteries.
19. Understand the pressure differences in the lung and pleural cavity.
20. Name the muscles used in breathing.
21. Understand how air enters and exits the lungs.
22. Name the centers of neural control of breathing in the brain.
23. Where in the brain are they?
24. What reflexes are involved in breathing?
25. What are emphysema and chronic bronchitis?