



## **Circulatory & Respiratory Systems Pre/Post Test**

- 1. The \_\_\_\_\_ is like the president of the organization.**
- 2. The heart actively participates in the circulatory system, while it just keeps an eye on the \_\_\_\_\_ and excretory systems.**
- 3. On average, your body has about \_\_\_\_\_ liters of blood continually traveling through it by way of the circulatory system.**
- 4. The heart, the lungs, and the \_\_\_\_\_ work together to form the circle part of the circulatory system.**
- 5. The body's circulatory system really has three distinct parts: \_\_\_\_\_ circulation, coronary circulation, and systemic circulation.**
- 6. The veins bring waste-rich blood back to the heart, entering the right atrium throughout two large veins called \_\_\_\_\_.**
- 7. The right atrium fills with the waste-rich blood and then contracts, pushing the blood through a one-way valve into the \_\_\_\_\_.**
- 8. Deoxygenated blood fills the right ventricle and then contracts, pushing the blood into the \_\_\_\_\_ which leads to the lungs.**
- 9. The left ventricle's contraction forces the blood into the \_\_\_\_\_ and the blood begins its journey throughout the body.**
- 10. The two sounds you hear, "lub" and "dub" are the \_\_\_\_\_ contracting and the valves closing.**

11. \_\_\_\_\_ refers to the movement of blood through the tissues of the heart.
12. \_\_\_\_\_ is a major part of the overall circulatory system.
13. The primary function of the respiratory system is to supply the blood with oxygen in order for the blood to deliver \_\_\_\_\_ to all parts of the body.
14. When we breathe, we inhale oxygen and exhale \_\_\_\_\_.
15. \_\_\_\_\_ enters the respiratory system through the mouth and the nose
16. In the chest cavity, the trachea splits into two smaller tubes called the \_\_\_\_\_.
17. Each \_\_\_\_\_ then divides again forming the bronchial tubes.
18. The bronchial tubes lead directly into the lungs where they divide into many smaller tubes which connect to tiny sacs called \_\_\_\_\_.
19. The average adult's lungs contain about 600 \_\_\_\_\_ of these spongy, air-filled sacs that are surrounded by capillaries.
20. The carbon dioxide follows the same path out of the lungs when you \_\_\_\_\_.