



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 _____.