Heart Anatomy

1-15 .



Circulation Through The Heart: (Find an animation on-ˇline that helps you visualize this)

(Trace the pathway of blood on the diagram above Blue =Deoxygenated Red =Oxygenated)

16. Blood enters via \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ veins into the right \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valve into right \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. Through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valve into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ arteries to lungs

19. Back from lungs via \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ veins into left \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

20. Through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valve into left \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

21. Through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ valve into aorta to body

22. What is the difference between your systolic and diastolic blood pressures?

23. What is the normal human blood pressure? \_\_\_\_\_\_ / \_\_\_\_\_\_

24. What is another name for hypertension? Define it in your own words.

25. A person with anemia has too few red blood cells. The most common symptom is a lack of energy. Why would anemia cause this symptom?

26. One function of the circulatory system is to help maintain a uniform body temperature. Explain how the constant circulation of blood through the body can accomplish this.