

Study Guide for Cardiovascular test (19, 20, 21)

1. What is (are) the function(s) of blood?
2. The combination of plasma and formed elements is called_____?
3. When would you draw blood from a vein and when would you need to draw blood from an artery?
4. What are the characteristics of whole blood?
5. What percentage of body weight is blood volume? How do you determine blood volume?
6. What is the term used to refer to someone who has low blood volume?
7. What are the components of plasma by volume (percentage)?
8. The process of red blood cell production is called_____?
9. Know the difference between A, B, AB and O. Know which is universal donor and which is universal recipient.
10. What is the function of platelets?
11. What “drives” fluid exchange between tissues and blood?
12. What percent of blood is plasma, and what percent of plasma volume is water?
13. What is hemolytic disease, and what causes it?
14. What carries iron?
15. If someone has a serious liver disease, what signs would be seen?
16. Know ALL of the pathway of blood in the heart!! (For example, when blood returns to the heart from the pulmonary circuit, where does it first enter the heart?)
17. Where does the left ventricle pump blood to? Where does the right atrium pump its blood? Where does the right atrium get it from?
18. Blood coming back into the heart through the venae cavae goes through which valves next?
19. What does the pulmonary semilunar valve do?
20. If given a list of vessels in the heart, be able to put them in order of blood returning from the systemic circulation.
21. Know where pulmonary arteries and veins carry their blood to and from.
22. What supplies blood to the heart itself?
23. Where is the pacemaker located?
24. Know the conduction system, and the sequence for excitation of an impulse.
25. What is the “lub” sound? The “dub” sound?
26. What is stroke volume?
27. What is tachycardia? What is bradycardia?
28. If given a drawing of the heart, be able to label the structures.
29. What is pulse pressure?