

Name _____

Biology 1102

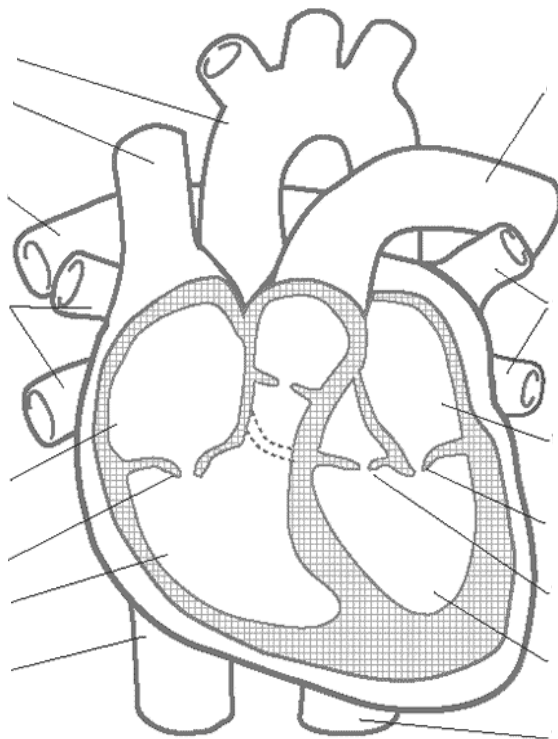
Sec. # _____

Cardiovascular System

1. In the table below, list the four major components of blood and describe their main function. (1 pt)

Component	Function

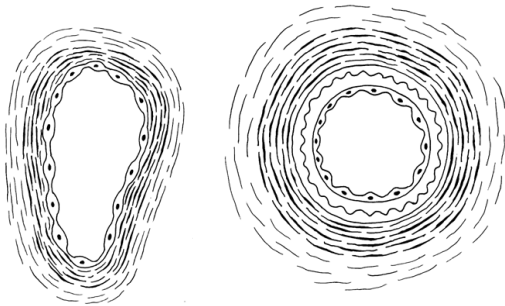
2. Label any four items on the heart diagram below. (1 pt)



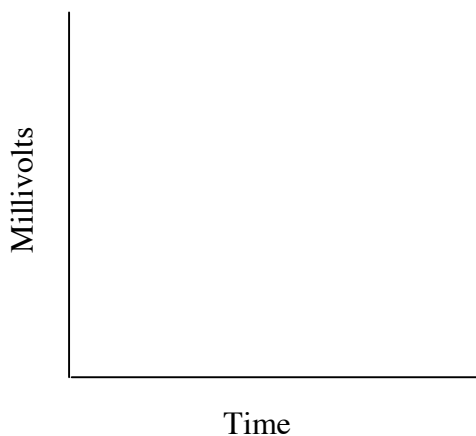
3. Below is a list of the four chambers of the heart. Match each chamber with the correct function from the choices on the right. (1 pt)

- | | |
|-----------------------|--|
| _____ Left atrium | a. Oxygenated blood from the lungs enters the heart here. |
| _____ Right atrium | b. Oxygenated blood is pumped throughout the body from this chamber. |
| _____ Left ventricle | c. Deoxygenated blood leaves this chamber and goes to the lungs. |
| _____ Right ventricle | d. Deoxygenated blood from the body enters this chamber. |

4. The image below depicts a cross section view of an artery and a vein. Label them and provide a brief explanation as to the significance of the main structural difference between them. (1 pt)



5. In the sample graph below, draw a normal EKG pattern (as seen in your lab manual) and label the three waveforms. In the chart on the right, match each major cardiac event with its associated waveform. (1 pt)



Cardiac Event	Associated Wave Form
Contraction of ventricles	
Relaxation of ventricles	
Contraction of atria	