Bio 22 PAL Worksheet

Blood and Blood Vessels

1.	Ans	swer the following questions about blood.
		Blood is considered what type of tissue?
	b)	What are some functions of blood?
	c)	What are the major components of blood and list their functions?
	d)	What are the different types of Leukocytes?
	e)	Where is blood made?
2.	Def	ine artery and veins
3.		the following in order that blood will travel through starting from the aorta and back to the rt: venules, capillaries, veins, arterioles, and arteries
4.	Wh	ich vessel type is structurally most suited for high pressure situations? Why?

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5.	Which vessel type is structurally most suited for gas exchange to occur? Why?
6.	Name the 3 layers of the blood vessel walls and provide its function.
7.	Draw a diagram outlining the pathway of blood flow (arteries and veins) in the upper limb. Label all vessels according to your lab required structures list.
8.	Draw a diagram outlining the pathway of blood flow (arteries and veins) in the lower limb. Label all the vessels according to your lab required structures list.

9.	Draw a diagram outlining the pathway of blood flow (arteries and veins) in the thoracic and
	abdominopelvic cavities. Label all the vessels according to your lab required structures list.

10. List all the arteries and veins that blood will flow through starting from the aorta going to the digits in the right hand and back to the heart.

11. List all the arteries and veins that blood will flow through starting from the left femoral artery going to the digits in the foot and back to the heart.