

Term 2 Homework 1 January 7, 2022

Name: _____

1. Explain what is meant by double circulation. (3)

2. Answer the following questions about the heart:

a. What type of tissues is the heart made of? (1) _____

b. What structures inside the heart keep blood flowing in the right direction? (1) _____

c. Explain why the walls of the ventricles are much thicker than those of the atria. (2)

d. Which chamber of the heart has the thickest wall and why? (2)

e. Which heart chamber pumps blood to the lungs? (1) _____

f. Which heart chamber is the first to receive blood from the lungs? (1) _____

g. Explain why the wall of the aorta is thicker than the wall of the pulmonary artery. (2)

h. What is the function of coronary circulation? (2)

i. List two ways in which blood in the pulmonary artery differs from blood in the pulmonary vein. (2) _____

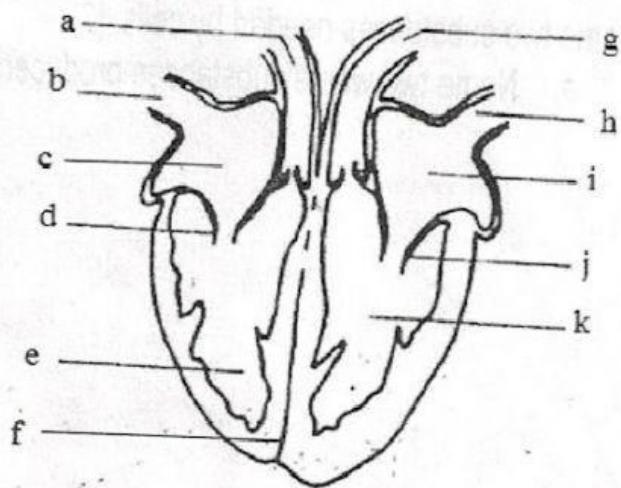
3. What side of the heart is:

a. oxygenated _____

b. deoxygenated _____ (2)

4. What is the function of the septum? (2)

5. Label the diagram of the heart to the right. (11)



a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	