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 _____

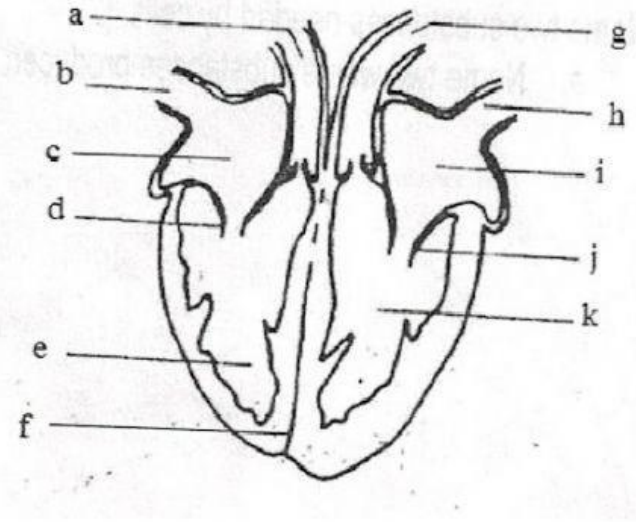
b. deoxygenated _____(2)

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

_____

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



a	
b	
c	
d	
e	
f	
g	
h	
i	
j	
k	

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