

Chapter Review

Circulation

Part A. Vocabulary Review

Directions: Complete the following sentences using the vocabulary words listed below.

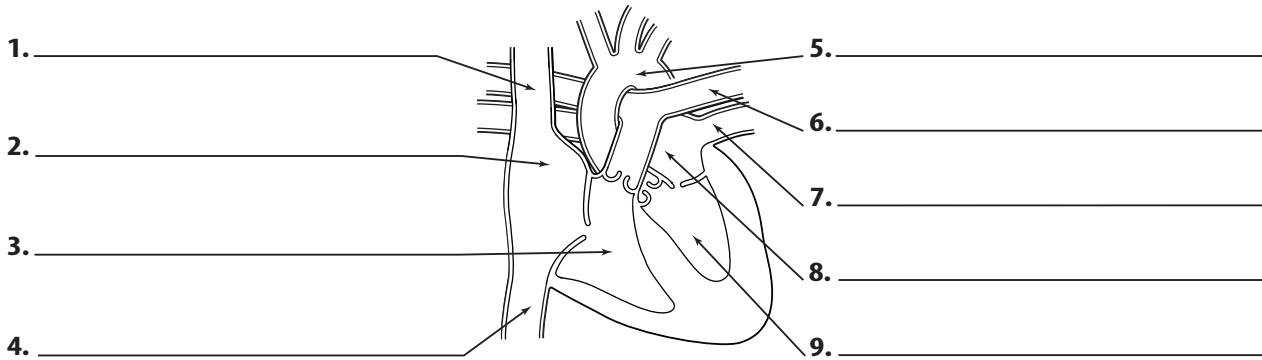
arteries	atria	capillaries
coronary circulation	hemoglobin	lymph
lymph nodes	lymphatic system	lymphocytes
plasma	platelets	veins
pulmonary circulation	ventricles	systemic circulation

- The _____ are the upper two chambers of the heart.
- The two lower chambers of the heart are the _____.
- The blood vessels that move blood away from the heart are called _____.
- The blood vessels that move blood in the direction of the heart are called _____.
- _____ are microscopic blood vessels that connect arteries and veins.
- _____ is the flow of blood through the heart and lungs.
- _____ moves blood to all tissues except the lungs and the heart.
- _____ is the liquid part of blood and is made mostly of water.
- Red blood cells contain _____, a chemical that can carry oxygen and carbon dioxide.
- _____ are the odd-shaped cell fragments that help clot blood.
- _____ is the flow of blood to the tissues of the heart.
- The _____ collects fluid from body tissue spaces and returns it to the blood through lymph capillaries and large lymph vessels.
- _____ filter out microorganisms and foreign materials.
- Tissue fluid found inside lymphatic capillaries is known as _____.
- The tissue fluid inside lymphatic capillaries consists mostly of water, dissolved substances, and a type of white blood cell known as _____.

Chapter Review (continued)

Part B. Concept Review

Directions: Study the diagram below. Label the parts of the heart. Then draw dashed arrows to show the path of low-oxygen blood and solid arrows for the high-oxygen path.



Directions: List the four major functions of blood.

10. a. _____
 b. _____
 c. _____
 d. _____

Directions: Answer the following questions using complete sentences.

11. Describe the source of lymph.

12. Describe the role of lymph organs in fighting infections.

