

UNIT THREE (CHAPTER 15 AND CHAPTER 23, P. 898-901 AND 907-908)

CHAPTER 15:

THE STUDENT SHOULD BE ABLE TO:

1. Name the organs of the cardiovascular system and discuss their functions.
2. Name and describe the locations of the major parts of the heart, both externally and internally, and discuss the function of each part.
3. Trace the pathway of blood through the heart and the vessels of the coronary circulation.
4. Discuss the cardiac cycle and explain how it is controlled.
5. Be able to identify the major waves of an electrocardiogram and relate them to physiological events.
6. Compare the structures and functions of the major types of blood vessels.
7. Describe the mechanism that aids in returning venous blood to the heart.
8. Explain how blood pressure is created and controlled.
9. Compare the pulmonary and systemic circuits of the cardiovascular system.
10. Identify and describe the location of the major arteries and veins of the pulmonary and systemic circuits. (You are responsible for all of those listed in the modules.)

CHAPTER 23

THE STUDENT SHOULD BE ABLE TO:

1. Trace the path of blood through the fetal circulatory system, emphasizing the differences between fetal circulation and adult circulation.
2. Know the fate of the structures unique to the fetal circulatory system.