Obtain the CD Rom titled *Inside Story* from Reggie and load it into the computer. Put on your headphones. Select “Run the program as STUDENT,” then click on OK. Click on “Start” to launch the program. Select “The Family Scrapbook.” Select “Cardiovascular System.” View the animations on “Cardiac Conduction System,” “Coronary Artery Disease,” and “Blood Pressure,” then answer the following questions on this handout.

1. What type of tissue makes up the cardiac conduction system?
   _________________________________________________________

2. Name the five main components of the cardiac conduction system.
   a. ______________________________________________________
   b. ______________________________________________________
   c. ______________________________________________________
   d. ______________________________________________________
   e. ______________________________________________________

3. Which of these five components signals the atria to contract?
   _________________________________________________________

4. Name the two major arteries that supply the heart with blood.
   _________________________________________________________
   _________________________________________________________

5. Loss of blood to heart tissue (or any tissue) is called
   _________________________________________________________

6. The force of blood on the walls of_________________________ is called blood pressure.

7. Which pressure is measured when the ventricles contract?
   _________________________________________________________

8. Which pressure is measured when the ventricles relax?
   _________________________________________________________

   **Continue next side of this page……**
Click on “Close Book” to exit The Family Scrapbook. Click on “Quit” to exit the program.

Obtain the CD Rom titled Interactive Physiology from Reggie and load it into the computer. Put on your headphones. (The program should self-start). Click on the LAUNCH button. Click on START. Click on CARDIOVASCULAR. Select CARDIAC CYCLE. View the presentation and answer the following questions on this handout.

9. What causes heart valves to open and close?
___________________________________________________________

10. Blood flow is controlled by:
___________________________________________________________

11. If aortic pressure is high, _______________________________ pressure must be higher to overcome it. What effect does this have on the heart?
___________________________________________________________

Click on ☐ in the upper right hand corner of the window to exit that window. Click on file, then select EXIT to close the program.