# **Lab 8: Blood pressure and Blood characteristics**

## **PRE-LAB REPORT (5 pts)**

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer these questions BEFORE you come to your laboratory session. All answers can be found in the physiology lab manual. By doing this prelab, you will have a better understanding of the physiological concepts of this exercise.

1. Flow of blood through the circulatory system is directly proportional to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and is inversely proportional to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. What is a typical resting blood pressure reading (systolic/diastolic)?
3. Which circuit of the circulatory system (systemic or pulmonary) is being assessed by a blood pressure reading using a cuff around the arm?
4. Is someone says, “a solution has an acidic pH”, they are not actually referring to the concentration of acids in the solution, but instead to the relatively high concentration of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. What is the definition of hematocrit (Hct)?