Lecture 9: Active Learning Questions

1. What are the major components or fractions of blood? What relative % do these parts contribute to blood (estimates OK!)? Do %s differ for females and males? If so, why?

2. Which blood cell type is the most common? What is the general function of this most common cell? What is hematocrit and how is it calculated?

3. What is the buffy coat? What’s in the buffy coat? What are the functions of the cells or cell fragments that make up the buffy coat?

4. What is blood glucose? What is the normal, rested and fasted blood glucose range (indicate units, also)? What is the cutoff or threshold for being classified at diabetic?

5. List 4 precautions that will help to ensure that you are safe in a blood chemistry lab.