

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