1. Enzymatic reactions involve a substrate that is converted with the help of an enzyme to a product. What are the substrate, enzyme and product for the reaction you will be studying in this lab?

2. IKI (Iodine and potassium iodide) stains starch blue-black; how will you use this fact to measure the rate of the enzymatic reaction?

3. Watch the “pre-lab video” for this lab on the On-Line-Lab Manual and, in your own words, give your two main ‘takeaways’ from the video. Since different people will have different ‘take home messages’, we are not looking for any specific responses. So, as long as it is clear that you gave it some serious thought, we will grade your answers generously.

4. Suppose that the reaction took 2 minutes and 30 seconds to complete. What rate would you report? (Remember that rate is units of starch digested / time.)

5. On the back of this sheet, give 3 to 5 short (~1 sentence each) bullet points describing, *in your own words*, what you will be doing in the lab today. There are a wide range of full-credit answers here; we will grade this as a 1-point check off.