**CHEM525 Experiment 3a Prelab Questions: Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. (2 points) Why are we lysing the cells this week? Why do we dialyze the post-lysis supernatant against 10 mM Tris-HCl, pH 6.5 when we are finished with lysis?
2. (4 points) There are several ways to lyse a cell in the laboratory. Briefly describe two of the methods and compare them to the method we will be using in class this week.
3. (4 points) Write out the procedure you will use this week in your laboratory notebook. Include calculations. Be certain to leave room for exceptions/adjustments that will inevitably occur.