

Experiment

XI

The Culminating Lab

I. Purpose

This examination tests your understanding of the labs you did this semester.

II. Preparing for the Lab

You should have already prepared for this practical exam by doing the Review Lab and going over the study questions at the end of that lab.

III. Equipment

The room will be arranged with two or more setups of each Experiment. Some stations may have more than one setup. Your TA will hand you a paper copy of the exam.

IV. General Instructions for the Culminating Lab

Here is a version of the instructions you should see on your exam...

- Write your name on this paper copy of the exam NOW.

- You must complete this exam by yourself without anyone else's assistance and without assisting anyone. There is no talking or discussing during the exam and no sharing of answers, data or any other information with your lab partner or any other students. This is a closed book and closed notes exam. Calculators, laptop computers, and cell phones are not allowed. You cannot use notes, the lab manual, or your old spreadsheets.

- If you have a question about the exam, raise your hand to let your TA know.

- There are 10 questions in the exam. Look at the setup in front of you, find the corresponding part of the exam and start working on it. Write your answers on this paper copy of the exam. If you run out of space, use the back side. Try to write clearly.

- Depending on your Exam, you may need to use Excel to answer some questions. Other than the Excel Exam Template, you are not allowed to use any files which you or anyone else created prior to this exam. You are only allowed to save your exam spreadsheet on the memory stick provided by your TA. You will need to carry this around with you as you work. Do not share this with other students. When you get to a question that requires Excel, if a computer is available at your set up, open the Exam Excel template, find your Experiment and question and answer it. Save your spreadsheet on the memory stick that your instructor gave you.

- When you are finished with the part you are working on, save your spreadsheet, exit Excel (and LoggerPro if you used it), turn off all of the equipment and raise your hand to let your instructor know you are ready to move to another set-up.

- When you are all done, make sure you have your name on the exam, and then hand the paper copy of your exam and your memory stick to your instructor.