

Date: March 27, 2007
Time: 2:30 pm
Duration: 1.5 h
Location: 207 Buller

Bring a non-programmable calculator to the lab exam.

Policy:

The lab exam is part of the final course exam. In compliance with the Department of Microbiology regulations students may not view their final lab exam unless officially appealed.

Format:

- One word to medium length, no multiple choice.
- **Write exam in pen only.**
- Present answer in point form, step form, or table if requested.
- Similar format to sample exam at back of lab manual.

Material covered:

- Responsible for all material in lab manual...introduction, procedures, and appendix. Not responsible for Excel functions and spreadsheet charts set up.
- Responsible for information in lab reports...all information requested, results of experiments, data analysis, calculations, and answers to questions.
- Reference Material - only as it pertains to lab reports that you have written: data analysis, discussion/conclusions, and questions.

Question emphasis:

- It is important to understand procedures (explain function/purpose of experimental steps, apparatus, techniques, and solution involved).
- You may be asked to outline a procedure or **present data** to demonstrate or prove an objective, principle or conclusion. For procedure list steps but details not required. Present data as requested in question.

Reagents:

- No quantities, maybe relative concentrations but must know function as pertains to experimental procedures in your lab. I would never ask composition of defined media...but must understand why you use a defined media and what it is.
- Expect you to know basic function of all reagents used. If you add something to your experiment, make sure you know why!
- Must know how to prepare basic solutions. This type of question requires a step by step detailed answer. Questions on solution preparation are included since you do not get the opportunity to prepare the solutions you use in the lab. Must know how to calculate volume of a reagent to add to medium.

Tutorials/Demonstrations:

- Responsible for basic information presented. Important features but not small details given.