

## **Biology 205/205L**

### **Test Out Study Guide**

**Ursuline College  
Biology Department**

There are 108 questions on the BI 205/205L test out. *All* the questions are of the multiple choice variety. Your answers will be recorded on a Scantron sheet: the first 100 will require you to fill in bubbles (a-e) with a No. 2 pencil; for the last 8 you will need to write *both* the question numbers (#100-108) and your answer choice on the Scantron sheet.

A passing grade (76%) requires a raw score of 82 or better.

There are a variety of questions on the test. Most of the questions have a written “stem” and then 4 or 5 written answer choices; however, for some questions you will need to identify structures of biomolecules, subcellular parts, stages of cellular reproduction, etc. About 10% of the questions are directly related to the laboratory (use of equipment, data analysis, etc.).

The distribution of the questions is approximately as follows:

14% Cellular Reproduction

18% Chemistry of Biomolecules and Laboratory Exercises

21% Mendelian and Molecular Genetics

22% Enzymes & Energetics and Cellular

25% Cell Structure and Function.

The rest does not hinge on any particular text book. Any good general biology text will serve your needs for reviewing the above material. In the past texts by Solomon et al., and Reece et al., have been required for the actual course; older texts such as those by McFadden & Keeton or Curtis are probably fine. Raven & Johnson’s and Purves et al. text are other excellent references.

The BI 205/205L Test-Out will attempt to assess your knowledge, comprehension, and application of basic cell biology. Although there are factual recall questions, you will need to think your way through many of the questions, too. If you *understand*, you should be able to logically choose correct answers; if you attempt to simply memorize information, you will probably not do well on the test.

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