

STUDY GUIDE FOR THE FINAL EXAM

The final is a comprehensive, multiple choice exam, which will have three distinct sections. The exam will be worth 100 pts (50 questions), but it will be weighted as 40% of the total grade; at this point, 60% of the grade has been determined (three major exams, @ 20% each). We will have 3 hrs to complete the exam.

Part I General Chemistry (20 questions)

This section will cover the *qualitative* concepts of chapters 1-10. For chapter 10- only the short section of definitions presented in lecture might be used. Other definitions, key terms at the back of each chapter; summary slides provided in the lecture notes. Study exams 1, 2 for format of the questions-be sure to understand what you missed & why. This section will be the same type (not verbatim) of questions that were used in Exams 1 & 2.

Part II Organic Chemistry (20 questions)

There will be new material-it will be Chapter 14-16. The best preparation for the entire organic section is to work as many of the posted organic exercises as possible. These exercises are actual test questions-same format; same verbiage and references to the correct answer is given after each question. Practice, practice, practice!

Part III Quantitative Section (10 questions)

This is the section for the various calculation type of problems. The problems will be the same type (and the same level of difficulty) as those in Exam 2 and 3. It will be limited to those problems which were worked in class and those which appeared on the previous exams. There will NOT be any problems that you have not worked before-again, review the calculations on the previous exams to be sure you understand how to work each problem.