

CHEMISTRY 223; Section 001

GENERAL CHEMISTRY: SPRING, 2008.

Ungraded Assignment Two.

This assignment need not be submitted for grading. Students are strongly encouraged to attempt these problems for their own self-evaluation. The questions are not tricky, but straightforward and based on the topics handled in the body text of the chapter. If you are having trouble making head and tail of most of these problems, then this suggests that you are not in a good position to be able to tackle the exams. Some exam questions are sourced from these assigned problems

Students should be able to handle all problems assigned here by the end of the fifth week of classes, 5/2/08.

Attempt the following problems on pages 764 – 773.

The **review** questions are extremely important as they contain concepts that are necessary for the student to be able to tackle the problem sets.

Nos. 1, 3, 5, 6, 8, 9, 10, 11, 13, 15, 16, 17, 18, 19, 20, 21, 22, 24, 25, 26

Questions 8 and 11 are appropriate questions for exam one on 4/25

Problems.

Most of these problems are repetitive, and if you can solve one, then you should be able to solve a slew of other same-type questions that follow below it.

Nos. 27, 28, 30, 31, 32, 33, 34, 35, 37, 38, 40, 41, 43, 45, 46, 47, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60.

Professor assumes, from your CH 221&2 experiences, that students can tackle questions of type #'s 45 and 46.

Nos. 61, 62, 63, 65, 66, 68, 69, 70, 72, 75, 80, 81, 82, 83, 84

It is a bit difficult to draw these titration curves for an exam!

Nos. 85, 86, 87, 88, 90, 91, 94, 96, 98, 99, 100, 101, 102, 103, 104, 106, 107, 109, 110, 111, 112

Cumulative Problems:

Nos. 113, 114, 115, 116, 118, 120, 121, 122, 123, 124, 126, 128, 129, 131, 132.

Challenge Problems:

Try to attempt as many of the challenge problems as you can. They are not really as challenging as they are labeled!