

**Econ 500, Fall 2009**

**Instructor: Sunanda Roy**

**Mid I study guide**

We are looking at 4 long questions - one each from Chaps. 8, 13, 15 and 16. (This is not to say that there is no need to study Chap 11.)

Chap 8: The whole of Chap 8 is important except for the “mean value theorem”. So I would say make sure you can do all the questions from the “Review problems for Chap 8” including the “Harder Problems”. Also make sure you can do the worked-out Economic Applications in the Chapter.

Chap 13: Make sure you can do all problems at the end of each of the following sections:

Section 13.3: Local Extreme Points

Section 13.5: Extreme Value Theorem

Section 13.6: Three or more variables

Review problems for Chap 13

Chap 15: We did sections 15.1 to 15.6. All sections are important. I realize that it is not practical to actually do all the exercises. But you must know how to do most of the different types at the end of each of these sections.

Chap 16; Sections 16.4 to 16.8 are important. Once again know how to do most of the different types of problems at the end of each of these sections.