

Spring 2003 (Newton)

15.075 Applied Statistics

Midterm Exam

Monday, 17 March 2003

10:05-11:25

Open textbook and notes. Please use exam books. There are six problems on the exam and all problems are weighted equally. Calculators are allowed but not computers.

(1) Example 5.6, page 189 from the course textbook:

Tamhane, Ajit C., and Dunlop, Dorothy D. *Statistics and Data Analysis from Elementary to Intermediate*. Upper Saddle River, NJ: Prentice Hall, 2000.

(2) Example 7.8 (all parts), page 263 from the course textbook.

(3) Example 6.20 (all parts), page 232 from the course textbook.

(4) Example 9.66 (all parts), page 496 from:

Johnson, Richard A., and Dean W. Wichern. *Business Statistics: Decision Making With Data*. New York, NY: John Wiley & Sons, Inc., 1997.

(5) Example 9.6 (all parts), page 332 from the course textbook.

(6) Example 11, page 383 from:

Larsen, Richard, and Morris Marx. *An Introduction to Mathematical Statistics and its Applications*, 1981.