MA 22000 Exam 3 Memo
Exam 3 (during class)
Friday, November 16th , 2012
LOCATION: Classroom

1) Exam 1 covers lessons 19 - 29. This includes parts of the following section from the first half (algebra part) of the textbook: 12.4. It also includes parts of these sections from the second half (calculus part) of the text: 2.4, 2.5, 3.1, 4.4, 4.5, 5.1, 5.2, 5.3, and 5.4. This material is found in lessons 19 - 28.

2) The exam will be graded for accuracy of work and answers. Partial credit may be given on some problems. A few problems may be multiple-choice with no partial credit. You will be allowed 50 minutes (all class time) to take the exam.

3) The exam is self-explanatory. No questions will be allowed unless a student believes there is a typographical or printing error. Instructors cannot give algebraic or arithmetic help during the exam.

4) **Reviewing/Studying for Exam:**
It is recommended that you re-work **all** homework problems. (Use the study plan in MyMathLab or the Review link from the MyMathLab gradebook.)
These additional problems could be used for review:
From the 1st half of the text (algebra part),
Chapter 12 Review (p. 796): 48, 49, 51, 53, 55
Section 12.4 (p. 785): 15, 19, 23, 35
From the 2nd half of the text (calculus part)
Chapter 2 Review (p. 113): 29, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 73, 75, 79, 81, 82, 89, 91, 93, 103, 107 (b, d)
Chapter 3 Review (p. 189): 31, 32, 33
Chapter 4 Review (p. 244): 31, 33, 35, 37, 41, 43
Chapter 5 Review (p. 297): 17, 19, 21, 27, 29, 31, 33, 35, 37, 39, 41, 53, 47, 49, 63 (a-d), 64

5) Students need to know the **formulas** for the perimeter and area of a rectangle or square,; the formula for volume of a cube or rectangular prism (box), the distance formula (d = rt), the simple interest formula ($I = prt$), the change of base formula for logarithms, the derivative rules for the natural exponential and logarithmic functions. Students need to know how to convert between logarithmic and exponential forms. Students need to know how to use the properties of logarithms to 'expand' a logarithmic expression. Any other needed formulas will be provided, including the quadratic formula and the compound interest formulas.

6) **There are no previous exams from the math department available for study.**

7) Students must bring a **PHOTO ID** with them to the exam, preferably your Purdue ID. It is recommended that students arrive no later than start of class time. The exam will be timed and you cannot work past the 50 minute class time.

8) No one will be allowed to leave the exam for the first 20 minutes of the exam. Students arriving after 20 minutes will be allowed to take the make-up or alternate exam. If they arrived late for a non-valid reason, a grade penalty of 20 points will be applied.

9) Your instructor will describe where you will be seated and will assign seats within the classrom. **You are to sit in your assigned seat**.

10) Bring with you the following: pencils, erasers, a one-line scientific calculator, and Purdue ID. **Do not bring scratch paper.** ***If you have any doubt that you have an approved one-line scientific calculator, please ask your instructor to look at your calculator prior to the exam.*** **No other types of calculators will be allowed during the exam. Turn your cell phone off; or better, do not bring it. Do not wear hats or tinted glasses (sunglasses).** Book bags, totes, or purses should be closed and on the floor or under desk during the exam.

11) A student must contact the course coordinator, Charlotte Bailey, in MATH 802 (496-3145 or baileycm@purdue.edu) IMMEDIATELY, if some emergency prevents him/her from taking the exam. You must see Charlotte in person ASAP to arrange to take the alternate exam. Alternate exams are only allowed for documented reasons.

REMINDER: No textbooks or notes are allowed on this exam. You must use only a 1-line scientific calculator, such as a TI-30XA.