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MA 15910 Exam 1 Memo
Monday, September 28th, 2015
6:30 PM in Elliott Hall of Music
(plan on arriving about 15 minutes early to find your assigned seat)
We are taking the exam with the MA 15800 and MA 15300 students.

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1)   Exam 1 covers lessons 1(a) - 10. This includes parts of the following sections from the first half (algebra part) of the textbook: 2.1, 2.3, 2.4, 3.2, 3.3, 3.5, 5.2, 5.4, 6.5, 7.4, 7.5, 9.3, and 9.4. It also includes parts of these sections from the second half (calculus part) of the text: R.1, R.4, 1.1, 1.2, 2.1, and 3.1. This material is found in lessons 1(a & b), 2 (a & b), 3(a & b), 4, 5, 6, 7,8, 9, and 10.

2)   There is no partial credit on this exam, since it is multiple-choice. **Students will bubble in answers on an answer sheet (scantron sheet) as well as circle the answers on the actual exam.** Only the scantron will be collected. Students will take the exam questions with them as they leave the exam and may check the answers after they are posted later that evening on the MA 15910 web page (www.math.purdue.edu/MA15910).

3)   The exam is self-explanatory. No questions will be allowed unless a student believes there is a typographical or printing error. Instructors/proctors cannot give algebraic, calculator, or arithmetic help during the exam. You must know how to use your TI-30XA or TI-30Xa scientific calculator. Most likely, no calculators will be provided for students who forget to bring a calculator. Students cannot share calculators.

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.) Remember, problems in the study plan are numbered as in the textbook.
These additional problems from the textbook could be used for review:
From the 1st half of the text (algebra part),
Chapter 2 Review Exercises (p. 138): 3, 5, 7, 21, 23, 24, 25, 26, 31, 33, 34, 35
Chapter 3 Review Exercises (p. 219): 9, 11, 15, 17, 20, 21, 24, 25, 29, 31, 35, 43, 44, 46, 49, 50, 51, 53, 56, 58
Chapter 5 Review Exercises (p. 339): 44, 46, 49, 51, 53, 62, 642, 65, 67, 69
Chapter 6 Review Exercises (p. 384): 39, 41, 43, 45, 51, 52, 54
Chapter 7 Review Exercises (p. 457): 26, 27, 28, 29, 36, 37, 38
Chapter 9 Review Exercises (p. 590): 13, 14, 19, 20, 25, 26, 27, 28, 32, 34, 36
From the 2nd half of the text (calculus part)
R-1 (page R-5): 4, 6, 9, 11, 15, 21, 23
R-4 (page R-16): 3, 4, 5, 7, 12. 17. 20, 26, 28, 30
1.1 (page 13): 1, 3, 7, 9, 11, 15, 17, 38, 20, 23, 25, 41, 47, 51, 55, 61(a), 63(a), 70(a)
1.2 (page 23): 4, 10, 12, 21, 22, 24, 28(a – f), 34 (a – c), 37
2.1 (page 53): 1, 3, 5, 19, 23, 25, 37, 42, 44, 45, 49, 57, 60, 77(a)
3.1 (page 135): 2, 6, 8, 10, 16, 20, 32, 36, 38, 40, 44, 46, 48, 52, 56, 92

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(continued on the next page)

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There is a link on the web page to past exams (exam archive). I have made available the last three semesters' exams. There is also a review worksheet for exam 1 found on the web page under 'other information', worksheets. This worksheet will be a major source for review on the review class dates of 9/25 and 9/28.

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 ($d = rt$), and the simple interest formula ($I = prt$). Any other needed formulas will be provided (including the quadratic formula, point-slope form for a line, and area formula for a triangle).

6)   **There are some previous exams available through the exam archive. To locate these exams, click on the link to the old exams from the course web page (exam archive). (If you use this link, you will have to use a 'drop-down' menu and select MA 15910). I have 3 past exams' 1 available, with answers.**

7)   Students <u>must bring a **PHOTO ID with signature**</u> to the exam, preferably your Purdue ID. It is recommended that students arrive at least 10-15 minutes prior to the start of the exam. (This will allow you time to find your assigned seat.) The exam will be timed and you cannot work past the 60 minute time limit.

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. **You are to sit in your assigned seat**. Seat assignments will be given approximately a week before the exam. Your instructor will give you your assigned row/seat in Elliott Hall of Music written on an index card, label, or a returned paper. Seat assignments *may* be sent to students via email.

10)   **Bring with you the following:** <u>pencils, erasers, a TI-30XA or TI-30Xa scientific calculator, and Purdue ID</u>. **Do not bring scratch paper.** *If you have any doubt that you have a correct 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 away from you during the exam. You will be asked to put away your calculator cover.

11)   A student must contact the course coordinator, Charlotte Bailey, in MATH 802 (765.496.3145 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. Note: The alternate exam will be given at 6:00 PM on Friday evening, 10/2.

REMINDER: <u>No textbooks or notes are allowed on this exam. You must use only a TI-30Xa or TI-30XA calculator.</u>