ANSWERS:

ACED BDDA D BAC

MA 16600 Exam 2, Test number 26, October 2015

Name _____

10-digit PUID number _____

Recitation Instructor _____

Recitation Section Number and Time _____

Instructions: **MARK TEST NUMBER 26 ON YOUR SCANTRON**

1. Do not open this booklet until you are instructed to.

2. Fill in all the information requested above and on the scantron sheet. On the scantron sheet fill in the little circles for your name, four digit section number and PUID.

3. This booklet contains 12 problems, equally weighted.

4. For each problem mark your answer on the scantron sheet and also **circle it in this booklet.**

5. Work only on the pages of this booklet.

6. Books, notes, calculators or any electronic device are not allowed during this test and they should not even be in sight in the exam room. You may not look at anybody else's test, and you may not communicate with anybody else, except, if you have a question, with your instructor.

7. You are not allowed to leave during the first 20 and the last 10 minutes of the exam.

8. When time is called at the end of the exam, put down your writing instruments and remain seated. The TAs will collect the scantrons and the booklets.

9. A collection of trig identities:

$$\sin(a + b) = \sin a \cos b + \cos a \sin b \qquad 1 - \cos 2a = 2\sin^2 a$$
$$\cos(a + b) = \cos a \cos b - \sin a \sin b \qquad 1 + \cos 2a = 2\cos^2 a$$