Math 132
Mock Examination – February 7, 2012

2 multiple choice, 2 long answer. No real points.

General Instructions: Please answer the following, without use of calculators. You may refer to a 3x5 card, but no other notes. Part I of the exam is multiple choice, while Part II is long answer.

Part I Instructions: If you do not have a <u>pencil</u> to fill out your answer card, please ask to borrow one from your proctor. Write your Student ID number on the six blank lines on the top of your answer card, and shade in the corresponding bubbles to the right of each digit.

Fill in the bubble corresponding to each of the following 2 questions. Each is worth 4 points. On Part I, no partial credit will be given.

1. $2 + 2$ is

   (a) -2
   (b) -1
   (c) 0
   (d) 1
   (e) 2
   (f) 3
   (g) 4
   (h) 5
   (i) 6
   (j) 7
   (k) 8

2. Math 132 is:

   (a) A great class.

   (b) The greatest class.

   (c) $-\infty$

   (d) -1

   (e) 0

   (f) 1

   (g) ∞

   (h) DNE/undefined

Name: _____ Id #: _____ Math 132

Part II Instructions: Answer the following on the exam sheet, showing all your work. Correct answers without correct supporting work may not receive full credit. You may use the back of each page for additional answer space (please clearly indicate if you have done so), or scratch work.

Please put your name and student id number on each page of Part II now.

1. Poetry

   (a) (6 points) In free verse, write a poem about how calculus makes you feel. For full credit, include an allusion to the FTC.

   (b) (6 points) In the form of an Old English heroic poem, extoll the virtues of Riemann sums.

2. Rote arithmetic

    (a) (6 points) Add up all the numbers from 1 to 1000.

    (b) (6 points) Add up all the numbers from 1 to 10,000.