

March 12, 2004

**Show all work for credit.**

1. Find  $\frac{\partial}{\partial x} \arctan(x^2 + y^2 + 5)$  is a question you would expect to see in which of the following classes.
  - (a) COM 110 Public Communications
  - (b) MAS 211 Development of Air Power II
  - (c) MATH 224 Vector Calculus
  - (d) PSY 452s Social Psychology
  
2. Which is the proper spelling of the word, "Tychonoff"?
  - (a) Tychnooff
  - (b) Tikenof
  - (c) Tychonoff
  - (d) Ticknif
  
3. What color are the blackboards in our classroom?
  - (a) Yellow
  - (b) Green
  - (c) White, or whichever color was used within the last week
  - (d) Black
  
4. Which of the following was the correct answer to all of the questions on this quiz?
  - (a) (b)
  - (b) (d)
  - (c) (c)
  - (d) (a)