Dawson College: **Calculus II**: 201-NYB-05-C1: Winter 2008

Name: _____

Student ID: _____

Quiz 1

This quiz is graded out of 10 marks. No books, calculators or notes are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

Question 1. §4.1#36 (3 marks)
Integrate the following indefinite integral:

$$\int (x^2 - \sin x)\, dx$$

Question 2. §4.5#68 (7 marks)
Integrate the following indefinite integral:

$$\int \frac{2x+1}{\sqrt{x+4}}\, dx$$