Name: _____
Student ID: _____

Quiz 5

This quiz is graded out of 10 marks. No books, calculators, notes or cell phones 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. *(5 marks)* §6.1 #3 Evaluate the indefinite integral.

$$\int x \cos 5x \, dx$$

Question 2. *(5 marks)* §6.1 #17 Evaluate the definite integral.

$$\int_1^2 \frac{\ln x}{x^2} \, dx$$