

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) §5.5 #50 Evaluate the following definite integral.

$$\int_0^{1/2} \frac{\arcsin x}{\sqrt{1-x^2}} dx$$

Question 2. (5 marks) §6.1 #23 Evaluate the following definite integral.

$$\int_1^2 (\ln x)^2 dx$$