

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. (4 marks) §6.1 #14 Evaluate the integral.

$$\int e^{-\theta} \cos(2\theta) d\theta$$

Question 2. (3 marks) §6.1 #23 Evaluate the integral.

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

Question 3. (3 marks) §6.2 #5 Evaluate the integral.

$$\int_0^{\pi/2} \cos^2 \theta d\theta$$