Dawson	College:	Calculus	II: 201	-NYB-	05-S3:	Fall 20	110

Name:	
Student ID:	

Quiz 3

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) §5.1 #5a Estimate the area under the graph of $f(x) = 1 + x^2$ from x = -1 to x = 2 using three rectangles and left endpoints. Sketch the curve and approximating rectangles.

Question 2. (5 marks) §5.2 #22 Use only the definition of the definite integral to evaluate:

$$\int_0^5 (1+2x^3) dx$$