Dawson College: Calculus II: 201-NYB-05-
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Name:	
Student ID:	

Quiz 11

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) §9.4 #23

Use the limit comparison test to determine the convergence or divergence of the series.

$$\sum_{n=1}^{\infty} \frac{1}{n\sqrt{n^2 + 1}}$$

Question 2. (5 marks) §9.6 #23

Use the ratio test to determine the convergence or divergence of the series.

$$\sum_{n=1}^{\infty} \frac{n!}{n3^n}$$