Dawson	College:	Calculus II	(SCIENCE)	201-NYB-05-S4:	Winter 2011
Dungon	Conces.	Cuicuius II	(DCILITEL).	201 1110 05 51.	11 111tC1 2011

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) §8.3 #13 Determine whether the series is convergent or divergent.

$$\sum_{n=1}^{\infty} ne^{-n}$$

Question 2. (5 marks) §8.3 #23 Determine whether the series is convergent or divergent.

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