Dawson College:	Linear Algebra	(SCIENCE)	: 201-NYC-05-S4:	Fall 2014
Danson Concec.	Lincai ingcora	DCILICLI	. 201 111 0 03 37.	1 411 201

Name:	·
Student ID:	

Quiz 2

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. §1.2 #2c (4 marks) Determine the values of a for which the system has no solutions, exactly one solution, or infinitely many solutions.

$$x + 2y - 3z = 4$$

 $3x - y + 5z = 2$
 $4x + y + (a^2 - 14)z = a + 2$

Question 3. §1.2 #20 (6 marks) Solve the given linear system by any method.