

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

## Quiz 1

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.** pg.3#30 (5 marks) Simplify the following:

$$\frac{(-2xy^{-3})^{-3}}{(xy^{-1})^{-1}}$$

**Question 2.** pg.8#4j (5 marks) Multiply and simplify:

$$3x^3(x-5)(2x+3)$$