

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

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

## Quiz 8

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.150#10b (3 marks) What angle  $\theta$  ( $0^\circ \leq \theta < 360^\circ$ ) is co-terminal to  $1140^\circ$ .

**Question 2.** pg.153#4b (5 marks) Find the values of the other trigonometric functions, if:  $\cot \theta = -\frac{3}{4}$  and  $\cos \theta > 0$ .

**Question 4.** pg.153#3e (2 marks)  $\csc \theta < 0$  and  $\sec \theta > 0$ .