## Name: <br> Student ID:

## Quiz 6

This quiz is graded out of 10 marks. No books, 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. ( 10 marks) pg. 712 \#27 Sketch the function $f(x)=4 x^{3}-24 x^{2}+36 x$ using the method shown in class.

