**Quantitative Methods**

**TEST – Part 1 – 30 points**

Name: …………………………………

1. Calculate intersections with coordinates and draw graph of function .

5 points

2) Find the domain of the function of one variable:

5 points

3) Matrices are given . Calculate

5 points

4) Calculate the determinant of matrix and determine if the matrix is singular or non-singular.

5 points

5) The sequence is given . Calculate

5 points

6) Find the derivatives:

1. 5 points