**CSCI 2150 Intro. To Scientific Computing.**

**Fall ’15**

**Quiz 2**

**Total points: 20**

1. Consider the following matrix:

Write Matlab command to do the following:

1. calculate the size of the above Matrix ..[2]
2. Print the third row of the matrix 🡪 [4 4] ..[2]
3. Consider every row as X and Y co-ordinates. Write Matlab code snippet to plot the co-ordinates given in the above matrix by looping over the matrix. ..[6]
4. Create below function in x by declaring x as a symbol.

Write Matlab commands for the following:

1. Calculate f(5) ..[2]
2. Calculate f **‘**(3) ..[2]
3. Plot the function f(x) with respect to x. ..[6]