Math 202-Section 2   Quiz 6

Sr. Num.:   ID. Num.:   Name:

Q 1 [5 points]: Use the annihilator approach to find the general solution of the ordinary differential equation:

$$y''' - 4y' = 1.$$

Q 2 [5 point]: Use the variation of parameters method to solve the following differential equation:

$$4y'' + 36y = 4\csc(3x).$$