

Math 202-112

Quiz 6

(B)

Name:.....ID#:.....Sec#.....Ser#.....

Q.1: Determine the singular points of $(x^2 + 6x + 5)^2 y'' + (x + 1)y' + 9y = 0$ and check if a singular point is regular or irregular.

Q.2: Find indicial roots of $x^2 y'' + xy' + (x^2 - \frac{4}{9})y = 0$.