

Math 202-112

Quiz 5

(B)

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

Q.1: Find radius of convergence of the following series (a) $\sum_{n=0}^{\infty} \frac{3^n(x-3)^n}{n!}$, (b) $\sum_{n=0}^{\infty} \frac{3^n(x-3)^n}{n}$.

Q.2: Solve using series method $y'' - xy' + 2y = 0$.