

MATH 102 – SECTION 07
– SPRING 2024– QUIZ 3

Name:

Student ID:

PROBLEMS

Q1) (6 points) Find the radius of convergence and interval of convergence of the power series:

$$\sum_{n=2}^{\infty} \frac{x^{2n}}{n \ln n}$$

Q2) (4 points) Find the sum of the series:

$$\sum_{n=0}^{\infty} \frac{2^{n+1}}{n!}.$$