

King Fahd University of Petroleum and Minerals
Math. & Stat. Department
162-Math 102 Quiz (5)

Name	ID	SEC
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Q1) Find the sum of $\sum_{n=1}^{\infty} \left(\frac{1}{e^n} + \frac{1}{n(n+1)} \right)$. If it is not convergent, show that it is divergent.

Q2) Use integral test to determine if $\sum_{n=2}^{\infty} \left(\frac{1}{n(\ln n)} \right)$ is convergent or divergent.