

KFUPM

MATH102

Quiz#6

Sec. 10

Name _____

Sr.# _____

Q1) Determine whether the sequence converge or diverge $a_n = n \sin(1/n)$

Q2) Find the sum of the series $\sum_{n=1}^{\infty} \left(\frac{3}{n(n+3)} - \frac{1}{2^n} \right)$