

King Fahd University of Petroleum & Minerals  
Department of Mathematics and Statistics  
(Semester 162) Math 102 Quiz # 6

Name: \_\_\_\_\_ I.D. # \_\_\_\_\_ Sr. # \_\_\_\_\_

1. Express  $1.234234234 \dots$  as a rational number.
2. Test the series  $\frac{1}{3} + \frac{1}{6} + \frac{1}{9} + \frac{1}{12} + \frac{1}{15} + \dots$  for convergence. If it converges, find its sum.