

King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
(Semester 162) Math 102 Quiz # 7

Name: _____ I.D. # _____ Sr. # _____

1. Find the Taylor series for $f(x) = \frac{1}{x}$ about $a = -3$.

2. Find the radius and interval of convergence of $\sum_{n=0}^{\infty} \frac{(2x-6)^n}{\sqrt{n+1}}$.