King Fahd University for Petroleum and Minerals				
Department of Mathematics & Statistics				
	Term 141	Math 102 (7)	Quiz#6 (10.7)	
I	Family Name:		S.r#	

Q1. Find the interval and radius of convergence for $\sum_{n=1}^{\infty} \frac{(-1)^n n!}{(2n-1)!} x^n$.

Q2. Find the sum of $\sum_{n=1}^{\infty} \frac{(-1)^n}{2^n n}$.

King Fahd University for Petroleum and Minerals					
Departm	Department of Mathematics & Statistics				
Term 141	Math 102 (8)	Quiz#6 (10.7)			
Family Name:		S.r#			

Q1. Find the interval and radius of convergence for $\sum_{n=0}^{\infty} \frac{(x+1)^n}{3^n (n+1)}$.

Q2. Find the sum of $\sum_{n=1}^{n} \frac{n}{2^{n-1}}$.

King Fahd University for Petroleum and Minerals Department of Mathematics & Statistics Term 141 Math 102 (13) Quiz#6 (10.7) Family Name: S.r# Q1. Find the interval and radius of convergence for $\sum_{n=1}^{\infty} \frac{(-1)^n (x-2)^n}{n}$.

Q2. Find the sum of $\sum_{n=0}^{\infty} \frac{(-1)^n}{2n+1}$.