King Fahd University for Petroleum and Minerals Department of Mathematics & Statistics

Term 172 Quiz#4 (3.1 to 3.3) Math 101 (19)

Full Name: ID# Ser#

Q1. Let $f(x) = x^2 \sin(x) + x^3$. Find f'(x).

Q2. Let $y = \frac{3x + e^x}{4x^2 + 1}$. Find $\frac{dy}{dx}$.