King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 101 (121) - Quiz III

Name: ID: Serial No.:

1. Find the derivative of

$$y = \frac{(x+2)^3(2x-1)^2}{\sqrt{x+1}}$$

2. Find the equation of the normal tangent to the graph of $y = 3^{\sin^2(3x)}$ at $x = \frac{\pi}{12}$