King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
Math 102 L26, Quiz # 2 (sections 5.4-6.1), Semester 182

20

Name: Student ID#: SR#

Q1) Evaluate the integral

$$\int \frac{x^3}{\sqrt{x^2+1}}\, dx$$

Q2) Find the area of the region enclosed by the curves $y - x^2 = 0$ and $y = 4x - x^2$.