King Fahd University of Petroleum & Minerals
Department of Mathematics and Statistics
Math 102 (26), Quiz # 5 (sections 7.4 & 7.8), Semester 182

20

Name: Student ID#: SR#

Q1) Evaluate the following integral.

$$\int \frac{7x^2}{x^3 + 2x^2 + 3x + 6}\, dx$$

Q2) Evaluate the integral or show that it is divergent.

$$\int_{-1}^{1} \frac{dx}{x^2 - 2x}$$