

King Fahd Univ. of Petroleum and Minerals
Faculty of Sciences
Department of Mathematics and Statistics

QUIZ No. 3
(MATH. 102-072 Section 2)

Name:

ID:

Prob. 1

Find the integral

$$\int \frac{2x^2 - x + 4}{x^3 + 4x} dx$$

Prob. 2

Compute

$$\int \frac{1}{x + 4 + 4\sqrt{x + 1}} dx$$