

King Fahd University of Petroleum & Minerals
Department of Mathematical Sciences
First First Semester (20041), 2004 – 2005
Math-102, Quiz-4

Section:

ID Number:

Name:

1. Evaluate the integral

$$\int \frac{dx}{x^2\sqrt{x^2+25}}$$

2. Evaluate

$$\int x^3\sqrt{5-x^2}dx$$

3. Evaluate integral

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