

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 102 (181) Sec 16 - Quiz 3

Name:

ID:

Serial No.:

1. $\int \frac{\sin^3 x}{\sqrt[3]{\cos x}} dx$

2. $\int_3^4 \frac{1}{\sqrt{x-3}} dx$

3. $\int \frac{dx}{(4-x^2)^{3/2}} dx$

4. Write out the form of the partial fraction decomposition of $\frac{6x^3+3x^2+2x+3}{x^5+2x^3}$