

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 102 (181) Sec 02 - Quiz 3

Name:

ID:

Serial No.:

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

2. $\int_2^3 \frac{1}{\sqrt{x-2}} dx$

3. $\int \frac{dx}{(9-x^2)^{3/2}} dx$

4. Write out the form of the partial fraction decomposition of $\frac{6x^3+3x^2+2x+3}{x^5+10x^3}$