King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math 102 (181) Sec 10 - Quiz 3

Name: ID: Serial No.:

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

2. $\int_4^5 \dfrac{1}{\sqrt{x-4}} dx$

3. $\int \dfrac{dx}{(16 - x^2)^{3/2}} dx$

4. Write out the form of the partial fraction decomposition of $\dfrac{6x^3 + 3x^2 + 2x + 3}{x^5 + 9x^3}$