

King Fahd University of Petroleum & Minerals
Department of Mathematical Science- MATH-102-Term051-Quiz #4

Name: _____

ID: _____

Serial: _____

Evaluate the following integrals:

a. $\int \sin(\ln(x))dx$

b. $\int \tan^4(x)\sec(x)dx$

c. $\int_{\sqrt{2}}^2 \frac{\sqrt{2x^2-4}}{x} dx$

d. $\int \frac{x^2}{x^2-5x+4} dx$