

King Fahd University of Petroleum and Minerals
Department of Mathematics & Statistics
Math102.27 Spring 2012 (112) Vacation Quiz

Name: _____

ID #: _____ **Serial#:** _____

1. Evaluate the following integrals:

(a) $\int \frac{x - 3}{(x^2 + 2x + 4)^2} dx$

(b) $\int \frac{\cos x}{\sin^2 x + \sin x} dx$

(c) $\int \frac{x \sin x}{\cos^2 x} dx$

Good luck
Khaled Al-Anezy