

KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
DEPARTMENT OF MATHEMATICS AND STATISTICS
MATH 102 - QUIZ 2

Name:

Student ID #:

Question. Evaluate the following integrals:

(1)

$$\int \frac{x - x^2}{1 + x + x^2} dx,$$

(2)

$$\int_1^3 x^2 \sqrt{x - 1} dx,$$

(3)

$$\int \frac{\sin(2\sqrt{t})}{\sqrt{t}},$$

(4)

$$\int 2^x dx$$

Your Solution.