King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math-102   Semester-153   QUIZ 04

NAME: Serial No.   ID:
Maximum Marks: 10   Section: 04   Time Allowed: 30 minutes

(1) Find the value of the integral $\int \frac{3x-4}{x^2-x-6}\,dx.$

(2) Evaluate $\int_0^\pi \sin(8x)\cos(5x)dx.$

(3) Find $\int \frac{8\sqrt{x^2-4}}{x^3}\,dx.$