

King Fahd University of Petroleum and Minerals
Department of Mathematics and Statistics
Math-201 Semester-101 QUIZ V

NAME:

S.No.

ID:

Maximum Marks: 10

Section:08

Time Allowed: 20 minutes

(1) Evaluate the integral $\int_D \int \frac{x}{1+xy} dA$, where $D = [0, 1] \times [0, 2]$.

(1) Evaluate the iterated integral $\int_0^1 \int_x^1 \sin(y^2) dy dx$.