

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:10

Time Allowed: 20 minutes

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

(2) Evaluate the iterated integral $\int_0^8 \int_{y^{\frac{1}{3}}}^2 e^{x^4} dx dy$.