

Math 201-111

Quiz 7

(A)

Name:.....ID#:.....Sec:.....Ser:.....

Q.1: Evaluate the triple integral $\int \int \int_E z dV$, where E is the solid tetrahedron

bounded by the coordinate planes and the plane $x + y + z = 1$.

Q.2: Evaluate the triple integral $\int \int \int_E x^2 e^y dV$,

where E is bounded by $z = 1 - y^2$, and planes $z = 0$, $x = 1$, $x = -1$.