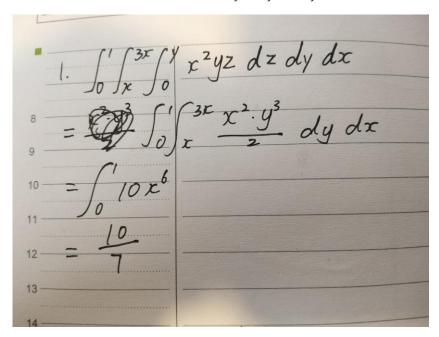
"QUIZ" for Lecture 14

NAME: (print!) Yongshan Li Section:23

E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q14FirstLast.pdf) ASAP BUT NO LATER THAN Oct. 26, 8:00pm

1. Evaluate the iterated integral

 $Z 0 -> 1 Z x -> 3x Z 0 -> y x^2yz dz dy dx$.



2. Evaluate the triple integral

ZZZE yz $ln(x^5) dV$,

where

$$E = \{(x, y, z) | 0 \le x \le 1, 0 \le y \le x, 2x \le z \le 3x \}.$$

