## "QUIZ" for Lecture 18

NAME: (print!) Section:

E-MAIL SCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q18FirstLast.pdf) ASAP BUT NO LATER THAN Nov. 9, 8:00pm

1. Let C be the line segment from (0,1) to (2,3), find  $\int_C xy \, ds$ .

2. Evaluate

$$\int_C xy^2 dx + x^2 y dy \quad ,$$

where C is  $x:t^2$ ,  $y=t^3$ ,  $0 \le t \le 1$ .