

2020 SPRING CALCULUS 0412: QUIZ 14 (MAY 21, 2020)

NAME:

STUDENTS ID:

1. (5 points) Find the value of  $\int_0^1 \int_0^2 ye^{x-y} dx dy$ .

2. (5 points) Find the value of  $\iint_R \frac{xy^2}{x^2+1} dA$ , where  $R = \{(x, y) | 0 \leq x \leq 1, -3 \leq y \leq 3\}$ .