

# R University

Statistics Exam 2020-04-24

Exam ID 1

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

Signature: \_\_\_\_\_

1. (a)  (b)  (c)  (d)  (e)

2. 

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1. What is the distance between the two points  $p = (2, 2)$  and  $q = (4, 5)$  in a Cartesian coordinate system?
  - (a) 2.773
  - (b) 2.418
  - (c) 3.158
  - (d) 9.220
  - (e) 3.606
2. What is the derivative of  $f(x) = x^9 e^{3.6x}$ , evaluated at  $x = 0.63$ ?