## University of Texas at Austin

## Quiz #4

The exponential distribution.

Provide your <u>complete solution</u> to the following problems. Final answers only, without appropriate justification, will receive zero points even if correct.

**Problem 4.1.** (15 points) The minimum of two independent exponential random variables is also exponential. *True or false? Why?* 

INSTRUCTOR: Milica Čudina