

CSCE 317 Spring 2015
QUIZ 2
Assigned Thursday, 15-01-22

True or false?

1. The throughput of a single-server network is equal to the average arrival rate.
Answer: true (see p.19 [H])
2. The throughput of a single-server system with finite buffer is equal to the average arrival rate. **Answer:** false (because of dropped jobs, see p.20 [H])
3. A typical goal of the designer of an interactive (terminal-driven) closed queueing network is to minimize response time. **Answer:** true (see p.21 [H])
4. A typical goal of the designer of a batch closed queueing network is to maximize throughput. **Answer:** true (see p.23 [H])