CSCE 317 Spring 2015
Quiz 1
Assigned Tuesday, 15-01-20

Match each term below to its definition or notation:

1. Average Arrival Rate

2. Average Service Rate

3. Service Requirement or Size

4. System Throughput

5. Utilization

1. μ

2. λ

3. The time it would take the job to run on a server if were no other jobs around (i.e., no queueing); usually written **S**.

4. The fraction of time a device is busy; usually written ρ.

5. The rate of completions in a system (e.g., jobs/sec); usually written **X**.

Answer: 1-2; 2-1; 3-3; 4-5; 5-4.