

CSCE 317 Spring 2016
QUIZ 1
Assigned Thursday, 16-01-21

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 there 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.