Quiz 4 – Graduate Operating Systems
CSE 60641 – Fall 2018

NAME: _______________________________________________________________

1.) When you call “signal” on a condition variable, which of the following actions will occur (only one correct answer). Mark the answer clearly with X:

_____ The monitor will increase the semaphore value.

_____ The condition variable represents a lock that will be released.

_____ A process that has previously called “wait” on the same condition variable will be unblocked.

_____ The monitor will leave the critical section.

2.) In SEDA, “well-conditioned” means (clearly mark the correct answer with X):

_____ As the load increases, the throughput first increases and then saturates.

_____ The latency will always be below a fixed threshold.

_____ The number of threads is fixed.

_____ One or more condition variables are used to protect event queues.