Quiz 5 – Graduate Operating Systems
CSE 60641 – Fall 2017

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.