**CSC 18B Quiz #3 (25 pts) – May 3rd, 2016**

All answers must be of your own work. Type out your answers and submit your quiz through Blackboard for Quiz #2 as either a MS Word document or PDF file (Mac users using Pages, make sure to Export to MS Word).

1. Two tasks that are operating \_\_\_\_\_\_\_\_ are both making progress at once. ( 4 points ) a. sequentially
   1. concurrently
   2. iteratively
   3. recursively

1. Two tasks that are operating \_\_\_\_\_\_\_\_ are executing simultaneously. ( 4 points ) a. concurrently
   1. in parallel
   2. sequentially
   3. iteratively

1. Name all of the states that are in a thread’s life cycle. ( 5 points )

1. A new thread begins its life cycle by transitioning to the \_\_\_\_\_\_\_\_\_\_ state. ( 4 points ) a.runnable.
   1. waiting.
   2. terminated.
   3. new.

1. A waiting thread transitions back to the \_\_\_\_\_\_\_\_ state only when another thread notifies it to continue executing.

( 4 points )

* 1. runnable
  2. terminated
  3. new
  4. blocked