Section 3.1 Colin Quinn

1. The \_\_\_\_ of a process contains temporary data such as function parameters, return addresses,

and local variables.

A) text section

B) data section

C) program counter

D) stack

2. A process control block \_\_\_\_.

A) includes information on the process's state

B) stores the address of the next instruction to be processed by a different process

C) determines which process is to be executed next

D) is an example of a process queue

3. A process may transition to the Ready state by which of the following actions?

A) Completion of an I/O event

B) Awaiting its turn on the CPU

C) Newly-admitted process

D) All of the above

Section 3.2

1. The \_\_\_\_\_\_\_\_\_\_\_\_\_ refers to the number of processes in memory.

A) process count

B) long-term scheduler

C) degree of multiprogramming

D) CPU scheduler

2. The list of processes waiting for a particular I/O device is called a(n) \_\_\_\_.

A) standby queue

B) device queue

C) ready queue

D) interrupt queue

3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ saves the state of the currently running process and restores the state

of the next process to run.

A) save-and-restore

B) state switch

C) context switch

D) none of the above