

## Suggested Practice Question

### Operating System Basics

1.

Part of machine level instruction, which tells the central processor what has to be done, is

- A. operation code
- B. address
- C. locator
- D. flip flop

2.

The first UNIX operating system was written in

- a. Java
- b. Pascal
- c. C language
- d. Machine language

3.

Which of the following operating does not implement true multitasking?

- a. Windows XP
- b. Windows 98
- c. MS DOS
- d. Windows NT

4.

Which one is not a system tool?

- a. Back up
- b. Disk defragmentation
- c. Virus scanning
- d. All of the above

5.

Two or more programs can be executed at a time in the process of

- A. Concurrent-programming
- B. Uni-programming
- C. Multi-programming
- D. Batch programming

6.

This cycle, of going through \_\_\_\_\_ states of running and input/output, may be repeated over and over, until the job is completed.

- a. evaluation
- b. process
- c. program
- d. data

7.

In which of the following OS, the response time is very crucial?

<b>A.</b> Network operating system	<b>B.</b> Real time operating system
<b>C.</b> Batch operating system	<b>D.</b> Unix operating system

8.

Which is not the function of an Operating System?

- A. Memory management
- B. Disk management
- C. Application management
- D. Virus protection

9.

Multiprocessing \_\_\_\_\_.

- a. Make the operating system simpler
- b. Allows multiple processes to run simultaneously
- c. Is completely understood by all major computer vendors
- d. Allows the same computer to have the multiple processors

10.

The feature of the multi-microprocessor architecture is

- A. task dependent
- B. single bus provider for many processors
- C. design is for a specific task
- D. All of the above

11.

A common synchronization mechanism used in multiprocessor operating system is

- A. Complex
- B. Lockstep
- C. Clock
- D. Locks

12.

What is true about thread?

- A. Thread switching does not need to interact with operating system.
- B. All threads can share same set of open files, child processes.
- C. Multiple threaded processes use fewer resources.
- D. All of the above

13.

Multithreading on a multi : CPU machine \_\_\_\_\_

- A. decreases concurrency
- B. increases concurrency
- C. doesn't affect the concurrency
- D. can increase or decrease the concurrency

14.

In a time-sharing operating system, when the time slot given to a process is completed, the process goes from the running state to the :

- A. Blocked state
- B. Ready state
- C. Suspended state

D. Terminated state

15.

Latency is defined as the?

- A. response time plus the detection time
- B. detection time minus response time
- C. detection time plus response time
- D. response time minus the detection time