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Started on Sunday, August 29, 2021, 3:31 AM

State Finished

Completed on Sunday, August 29, 2021, 3:46 AM

Time taken 14 mins 56 secs

Grade 11.00 out of 15.00 (73%)

Question **1**

Complete

1.00 points out of 1.00

Which of the following is tertiary storage medium?

Select one:

- ☒ a. magnetic tapes
- ☐ b. register
- ☐ c. hard-disk drive
- ☐ d. main memory

Question **2**

Complete

1.00 points out of 1.00

On UNIX, the setuid attribute on a program causes that program to run with the user ID of the current user's ID.

Select one:

- ☒ a. No
- ☐ b. Yes

Question **3**

Complete

1.00 points out of 1.00

The two separate modes of operating in a system are

Select one:

- ☐ a. kernel mode and privileged mode
- ☐ b. supervisor mode and system mode
- ☐ c. physical mode and logical mode
- ☒ d. user mode and kernel mode

Question **4**

Complete

1.00 points out of 1.00

Which of the following components of a computer system defines the ways to use system resources to solve computing problems?

Select one:

- ☐ a. computer logo
- ☒ b. application programs
- ☐ c. operating system
- ☐ d. computer hardware

Question **5**

Complete

1.00 points out of 1.00

Solid state disks are considered volatile storage.

Select one:

- ☒ a. False
- ☐ b. True

Question **6**

Complete

0.00 points out of 1.00

Which of the following is the definition of processor?

Select one:

- ☐ a. a physical chip that contains one or more CPUs
- ☐ b. the basic computation unit of the CPU
- ☒ c. the hardware that executes instructions
- ☐ d. including multiple computing cores on the same CPU

Question **7**

Complete

1.00 points out of 1.00

Which of the following stage triggers the CPU switch from user program to interrupt processing?

Select one:

- ☐ a. transfer done
- ☒ b. interrupt signaled
- ☐ c. interrupt handled
- ☐ d. I/O request

Question **8**

Complete

1.00 points out of 1.00

In what way is an operating system like a government?

Select one:

- ☐ a. It seldom functions correctly.
- ☐ b. It performs most useful functions by itself.
- ☐ c. It is always concerned primarily with the individual's needs.
- ☒ d. It creates an environment within which other programs can do useful work.

Question **9**

Complete

1.00 points out of 1.00

The CPU catches the interrupt and ____ it to the interrupt handler

Select one:

- ☐ a. raises
- ☒ b. dispatches
- ☐ c. clears
- ☐ d. catches

Question **10**

Complete

0.00 points out of 1.00

Which of the following are used by Linux kernel as data structures?

Select one:

- ☐ a. Hash Functions and Maps
- ☒ b. Lists, Stacks, and Queues
- ☐ c. Trees
- ☐ d. all of the other answers
- ☐ e. Bitmaps

Question **11**

Complete

1.00 points out of 1.00

MapReduce is a system which allows for parallel processing of data across nodes in the cluster.

Select one:

- ☒ a. Yes
- ☐ b. No

Question **12**

Complete

1.00 points out of 1.00

There is no universally accepted definition of an operating system.

Select one:

- ☐ a. False
- ☒ b. True

Question **13**

Complete

0.00 points out of 1.00

_____ operating systems are designed primarily to maximize resource utilization.

Select one:

- ☐ a. Network
- ☒ b. PC
- ☐ c. Mainframe
- ☐ d. Handheld computer

Question **14**

Complete

1.00 points out of 1.00

VMware is a virtual machine manager when it manages guest operating systems.

Select one:

- ☒ a. Yes
- ☐ b. No

Question **15**

Complete

0.00 points out of 1.00

Which of the following storage medium is the slowest regarding access speed?

Select one:

- ☐ a. solid state drive
- ☐ b. register
- ☒ c. cache
- ☐ d. main memory



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