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Started on Sunday, August 29, 2021, 10:20 PM

State Finished

Completed on Sunday, August 29, 2021, 10:35 PM

Time taken 15 mins 11 secs

Grade 14.00 out of 15.00 (93%)

Question **1**

Complete

1.00 points out of 1.00

Processors for most mobile devices run at a slower speed than a processor in a desktop PC.

Select one:

- ☐ a. False
- ☒ b. True

Question **2**

Complete

1.00 points out of 1.00

Which of the following is the denotation of 1024^4 bytes?

Select one:

- ☐ a. KB
- ☐ b. GB
- ☒ c. TB
- ☐ d. MB

Question **3**

Complete

1.00 points out of 1.00

A system call is triggered by hardware.

Select one:

- ☒ a. False
- ☐ b. True

Question 4

Complete

1.00 points out of 1.00

Which of the following is NOT secondary storage device?

Select one:

- ☐ a. optical disk
- ☐ b. solid state disks
- ☒ c. random access memory
- ☐ d. magnetic tape

Question 5

Complete

1.00 points out of 1.00

Which of the following is the denotation of 1024^3 bytes?

Select one:

- ☒ a. GB
- ☐ b. MB
- ☐ c. TB
- ☐ d. KB

Question 6

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

Question 7

Complete

1.00 points out of 1.00

In what way is an operating system like a government?

Select one:

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

Question **8**

Complete

0.00 points out of 1.00

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

Select one:

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

Question **9**

Complete

1.00 points out of 1.00

Which of the following computing environments place rigid time requirements on the operation of a processor or the flow of data?

Select one:

- ☐ a. peer-to-peer computing
- ☒ b. real-time embedded system
- ☐ c. client-server computing
- ☐ d. traditional computing

Question **10**

Complete

1.00 points out of 1.00

Solid state disks are generally faster than magnetic disks.

Select one:

- ☐ a. False
- ☒ b. True

Question **11**

Complete

1.00 points out of 1.00

There is no universally accepted definition of an operating system.

Select one:

- ☒ a. True
- ☐ b. False

Question **12**

Complete

1.00 points out of 1.00

A system call runs in kernel mode only.

Select one:

- ☒ a. Yes
- ☐ b. No

Question **13**

Complete

1.00 points out of 1.00

Which of the following principles is used for adding and removing items from a stack?

Select one:

- ☐ a. random order
- ☐ b. first in first out (FIFO)
- ☒ c. last in first out (LIFO)
- ☐ d. round robin

Question **14**

Complete

1.00 points out of 1.00

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

Select one:

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

Question **15**

Complete

1.00 points out of 1.00

Which of the following programs runs all the time on the computer?

Select one:

- ☐ a. compiler
- ☐ b. text editor
- ☐ c. assembler
- ☒ d. kernel

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