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Question **31**

Answer saved

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When device A has a cable that plugs into device B, and device B has a cable that plugs into device C and device C plugs into a port on the computer, this arrangement is called a _____

- ☐ a. bus
- ☐ b. cable
- ☒ c. daisy chain
- ☐ d. port

[Clear my choice](#)Question **32**

Not yet answered

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Consider a swapping system in which memory consists of the following hole sizes in memory order: 10 MB, 4 MB, 18 MB, 20 MB, 7 MB, 9 MB, 12 MB, and 15 MB. Which hole is taken for successive segment requests of 12 MB for worst fit algorithm?

- ☐ a. 20 MB
- ☐ b. 15 MB
- ☐ c. 12 MB
- ☐ d. 18 MB

Question **33**

Answer saved

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A computer has 32 bits virtual addresses and 4 KB pages. How many entries are needed for two level paging, with 10 bits in each part?

- ☒ a. 1024
- ☐ b. 1023
- ☐ c. 4095
- ☐ d. 4096

[Clear my choice](#)

Question **34**

Answer saved

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In one of the deadlock prevention methods, impose a total ordering of all resource types, and require that each process requests resources in an increasing order of enumeration. This violates the _____ condition of deadlock.

- ☐ a. Hold and Wait
- ☐ b. Mutual exclusion
- ☒ c. Circular Wait
- ☐ d. No Preemption

[Clear my choice](#)

Question 35

Not yet answered

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Suppose that a computer with 16 bits virtual address use a single level page table and 15 bits physical memory address is given by the following page table.

Virtual	page	Page frame number	P/A
0		010	1
1		011	1
2		100	1
3		000	0
4		000	0
5		000	0
6		001	1
7		000	1
8		101	1
9		000	0
10		000	0
11		110	1
12		000	0
13		000	0
14		000	0
15		111	1

Which is the physical address that the MMU will map with the virtual address 0010 0000 0000 0100 onto?

Select one:

- ☐ a. 110 0000 0000 0000
- ☐ b. Page fault
- ☐ c. 100 0000 0000 0100
- ☐ d. 011 0000 0000 0100

Question **36**

Answer saved

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Which file is a sequence of bytes organized into blocks understandable by the system's linker?

- ☐ a. executable file
- ☐ b. source file
- ☒ c. object file
- ☐ d. text file

[Clear my choice](#)Question **37**

Answer saved

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The command to print the current working directory on [Linux](#) OS is _____.

- ☐ a. more
- ☐ b. mkdir
- ☐ c. ps
- ☒ d. pwd

[Clear my choice](#)Question **38**

Answer saved

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Which of these statements about files are not true?

- ☐ a. File is an abstraction of data stored on HDD.
- ☐ b. File includes block special files and character special files.
- ☒ c. File provides a place to keep files or a way of grouping files together.
- ☐ d. File contains correlated information: path name, root directory, file descriptor, mounted file system, special file, a pipe.

[Clear my choice](#)

Question **39**

Answer saved

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The interrupt vector contains:

- ☐ a. the identifiers of interrupts
- ☐ b. the device addresses
- ☐ c. the interrupts
- ☒ d. the memory addresses of specialized interrupt handlers

[Clear my choice](#)Question **40**

Answer saved

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What is the mounting of file system?

- ☐ a. deleting a filesystem
- ☐ b. removing portion of the file system into a directory structure
- ☒ c. attaching portion of the file system into a directory structure
- ☐ d. crating of a filesystem

[Clear my choice](#)[◀ Works](#)[Chapter00 CourseIntroduction ▶](#)