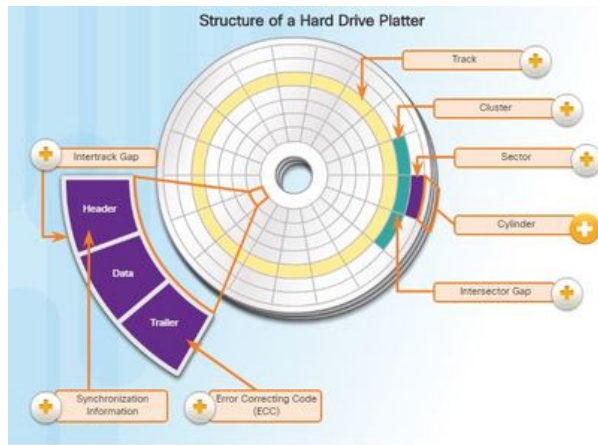Question **51**

Not yet answered

Marked out of 1.00

A small computer has four page-frames (0-3). At the first clock tick, the R bits are 0111 (page 0 is 0, the rest are 1). At subsequent clock ticks, the values are 1011, 1010, 1101. If the aging algorithm is used with an 8-bit counter. At the last tick fault page happened. Which page-frame will be replaced?

○ a. 0

○ b. 2

○ c. 1

○ d. 3

Question **52**

Answer saved

Marked out of 1.00

What is the smallest storage division on a hard disk drive?

- ○ a. Track
- ○ b. Cylinder
- ○ c. Cluster
- ● d. Sector

Clear my choice

Question **53**

Answer saved

Marked out of 1.00

File system fragmentation occurs when

- ● a. unused space or single file are not contiguous
- ○ b. unused space is non-contiguous
- ○ c. multiple files are non-contiguous
- ○ d. used space is not contiguous

Clear my choice

Question **54**

Not yet answered

Marked out of 1.00

Ubuntu Operating System version 18.x LST is using _____ file system.

○ a. Ext2

○ b. Ext3

○ c. NFS

○ d. Ext4

Question **55**

Answer saved

Marked out of 1.00

An absolute path name begins at the _____

○ a. leaf

◉ b. root

○ c. stem

○ d. current directory

Clear my choice

Question **56**

Not yet answered

Marked out of 1.00

Which of these statements about i-node is not true?

○ a. I-node is a node on the binary tree.

○ b. I-node contains some attributes of file such as: the file size, creation time, last access time, last modification time, owner, group, protection information.

○ c. I-node contains disk addresses.

○ d. I-node contains a count of number of directory entries that point to the i-node.

Question **57**

Answer saved

Marked out of 1.00

For 3 page frames, the following is the reference string:

7 0 1 2 0 3 0 4 2 3 0 3 2 1 2 0 1 7 0 1

How many page faults does the LRU page replacement algorithm produce?

- ⦿ a. 12
- ○ b. 15
- ○ c. 11
- ○ d. 10

Clear my choice

Question **58**

Answer saved

Marked out of 1.00

Transient operating system code is code that :

- ○ a. never enters the memory space
- ○ b. is not easily accessible
- ⦿ c. comes and goes as needed
- ○ d. stays in the memory always

Clear my choice

Question **59**

Answer saved

Marked out of 1.00

What is the Linux command to list files and folders on a disk?

- ○ a. chdir
- ⦿ b. ls
- ○ c. lsdir
- ○ d. list

Clear my choice

Question **60**

Answer saved

Marked out of 1.00

To avoid deadlock

○ a. inversion technique can be used

○ b. resource allocation must be done only once

○ c. all deadlocked processes must be aborted

● d. there must be a fixed number of resources to allocate

Clear my choice

◄ Works

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