

Tut4: Mock Test 1

Started: Oct 14 at 1:45pm

Quiz Instructions

The purpose of this week's tutorial exercise is to give you some practice with the test format that we will use for the first term test. These questions come from past tests.

You do not need to get full marks on this mock test to get full credit for the tutorial (unlike other tutorial exercises). You do need to answer the questions.

Question 1

1 pts

Which of the following components are shared between threads in a multithreaded process? (Check all that apply.)

☐ program counter

☐ stack

☐ code

☐ heap memory

Question 2

1 pts

Which of the following are stored in an ext2 inode? (Check all that apply.)

☐ number of links to this inode

☐ location of the inode bitmap

☐ type of file system object

☐ file size

- ☐ file name
- ☐ array of pointers to blocks
- ☐ number of links to the data block(s)

Question 3**1 pts**

When adding a new block to a file, which of the following data structures need to be written to disk to complete the operation. (Check all that apply)

- ☐ block bitmap
- ☐ inode bitmap and the directory data block
- ☐ inode
- ☐ data block

Question 4**1 pts**

When adding a new block to a file, which of the following data structures should be written last to minimize file system inconsistency in the even of a crash?

- ☐ directory data block
- ☐ data block bit map
- ☐ inode bitmap
- ☐ inode

Quiz saved at 2:46am

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