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OPERATING SYSTEMS DESIGN – A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Tuesday, 18 August 2020, 10:31 PM**State** Finished**Completed on** Tuesday, 18 August 2020, 10:33 PM**Time taken** 2 mins 2 secs**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

_____ command displays the contents of a given file

Select one:

- ☐ a. ls
- ☐ b. file
- ☒ c. cat ✓
- ☐ d. None

The correct answer is: cat

Question **2**

Correct

Mark 1.00 out of 1.00

How many system calls are present in xv6 revision 11?

Select one:

- ☐ a. 22
- ☐ b. 23
- ☒ c. 21 ✓
- ☐ d. 20

The correct answer is: 21

Question **3**

Correct

Mark 1.00 out of 1.00

How to terminate the QEMU console and the xv6 running under it

Select one:

- ☐ a. control a c
- ☒ b. control a x ✓
- ☐ c. control o
- ☐ d. control x

The correct answer is: control a x





Question **4**

Correct

Mark 1.00 out of 1.00

Identify the file(s) you need modify in xv6 for adding a system call

Select one:

- ☐ a. syscall.c
- ☐ b. sysproc.c
- ☒ c. All the mentioned. ✓
- ☐ d. usys.S

The correct answer is: All the mentioned.

Question **5**

Correct

Mark 1.00 out of 1.00

If you execute the following command line `$grep "getpid" -n *` in xv6 source code directory(before Make), there are ----- appearances of getpid

Select one:

- ☐ a. 4
- ☐ b. 5
- ☐ c. 7
- ☒ d. 6 ✓

The correct answer is: 6

Question **6**

Correct

Mark 1.00 out of 1.00

In xv6 ----- is used to extract arguments passed into system calls.

Select one:

- ☐ a. argc
- ☐ b. All the mentioned
- ☐ c. argv
- ☒ d. argptr ✓

The correct answer is: argptr

Question **7**

Correct

Mark 1.00 out of 1.00

Terminal session can be ended by entering the ---- command at the shell prompt

Select one:

- ☐ a. open
- ☐ b. None
- ☐ c. close
- ☒ d. exit ✓

The correct answer is: exit





Question **8**

Correct

Mark 1.00 out of 1.00

To add a system call in xv6, how many files you need to modify

Select one:

- ☒ a. 5 ✓
- ☐ b. 4
- ☐ c. 6
- ☐ d. 7

The correct answer is: 5

Question **9**

Correct

Mark 1.00 out of 1.00

To list the files and directories in the current working directory, we use the ____ command

Select one:

- ☐ a. All of the above
- ☐ b. pwd
- ☒ c. ls ✓
- ☐ d. cd

The correct answer is: ls

Question **10**

Correct

Mark 1.00 out of 1.00

You will run xv6 under the ----- emulator by using a make command.

Select one:

- ☐ a. Hypervisor
- ☐ b. Ubuntu
- ☒ c. QEMU ✓
- ☐ d. Virtual Box

The correct answer is: QEMU

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OPERATING SYSTEMS DESIGN - A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Sunday, 23 August 2020, 9:03 PM**State** Finished**Completed on** Sunday, 23 August 2020, 9:06 PM**Time taken** 3 mins 15 secs**Marks** 15.00/15.00**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

_____ command is used to create a Directory in Linux

Select one:

- ☐ a. md
- ☐ b. make
- ☐ c. create
- ☒ d. mkdir ✓

The correct answer is: mkdir

Question **2**

Correct

Mark 1.00 out of 1.00

_____ command is used to delete an empty directory in Linux

Select one:

- ☒ a. rmdir ✓
- ☐ b. None of these
- ☐ c. rm
- ☐ d. delete

The correct answer is: rmdir

Question **3**

Correct

Mark 1.00 out of 1.00

_____ command displays data passed as usual on the screen

Select one:

- ☐ a. None of these
- ☒ b. echo ✓
- ☐ c. display
- ☐ d. print

The correct answer is: echo





Question **4**

Correct

Mark 1.00 out of 1.00

_____ command is used to execute as another user preferably root

Select one:

- ☐ a. change
- ☐ b. user
- ☐ c. switch
- ☒ d. sudo ✓

The correct answer is: sudo

Question **5**

Correct

Mark 1.00 out of 1.00

_____ Parameter will store the values of the arguments in main function

Select one:

- ☐ a. int argc
- ☐ b. int argc[]
- ☒ c. char *argv[] ✓
- ☐ d. char argv

The correct answer is: char *argv[]

Question **6**

Correct

Mark 1.00 out of 1.00

_____ option with open system call is used to create a new file if not available in Xv6

Select one:

- ☒ a. O_CREATE ✓
- ☐ b. O_CREAT
- ☐ c. O_WRONLY
- ☐ d. O_NEW

The correct answer is: O_CREATE

Question **7**

Correct

Mark 1.00 out of 1.00

_____ command is used to count the characters, lines and words in the file

Select one:

- ☒ a. wc ✓
- ☐ b. cw
- ☐ c. count
- ☐ d. wl

The correct answer is: wc





Question **8**

Correct

Mark 1.00 out of 1.00

Command used to delete a file is _____

Select one:

- ☐ a. delete
- ☒ b. rm ✓
- ☐ c. rmdir
- ☐ d. mv

The correct answer is: rm

Question **9**

Correct

Mark 1.00 out of 1.00

Function Prototypes of the system calls are available in _____ header file

Select one:

- ☐ a. types.h
- ☐ b. stat.h
- ☒ c. user.h ✓
- ☐ d. user.h

The correct answer is: user.h

Question **10**

Correct

Mark 1.00 out of 1.00

Identify the command used to create a new file in Linux

Select one:

- ☐ a. create
- ☐ b. cd
- ☐ c. new
- ☒ d. cat ✓

The correct answer is: cat

Question **11**

Correct

Mark 1.00 out of 1.00

If file is not empty what are the possible values of read system call

Select one:

- ☐ a. 0
- ☐ b. 0 or -1
- ☒ c. -1 or size of read ✓
- ☐ d. -1

The correct answer is: -1 or size of read





Question **12**

Correct

Mark 1.00 out of 1.00

open system call returns _____, if open is unsuccessful

Select one:

- ☒ a. -1 ✓
- ☐ b. None of these
- ☐ c. 0
- ☐ d. File Descriptor

The correct answer is: -1

Question **13**

Correct

Mark 1.00 out of 1.00

structure stat is available in _____ header file

Select one:

- ☐ a. user.h
- ☒ b. stat.h ✓
- ☐ c. user.h
- ☐ d. types.h

The correct answer is: stat.h

Question **14**

Correct

Mark 1.00 out of 1.00

what argument is to be supplied to the close system call _____

Select one:

- ☐ a. rm
- ☐ b. Count of Files
- ☐ c. File Size
- ☒ d. File Descriptor ✓

The correct answer is: File Descriptor

Question **15**

Correct

Mark 1.00 out of 1.00

what is the return type of read system call

Select one:

- ☐ a. char
- ☒ b. int ✓
- ☐ c. long
- ☐ d. bool

The correct answer is: int

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OPERATING SYSTEMS DESIGN – A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Friday, 28 August 2020, 11:42 AM**State** Finished**Completed on** Friday, 28 August 2020, 11:45 AM**Time taken** 2 mins 53 secs**Marks** 15.00/15.00**Grade** 10.00 out of 10.00 (100%)**Question 1**

Correct

Mark 1.00 out of 1.00

By using which command we can get the help in unix

Select one:

- ☒ a. both man and help ✓
- ☐ b. help
- ☐ c. man
- ☐ d. none of these

The correct answer is: both man and help

Question 2

Correct

Mark 1.00 out of 1.00

cd command internally will use chdir function from which the following file

Select one:

- ☐ a. pwd.c
- ☐ b. chdir.c
- ☒ c. sh.c ✓
- ☐ d. user.c

The correct answer is: sh.c

Question 3

Correct

Mark 1.00 out of 1.00

During the exec execution each segment is loaded into the memory by using which of the following function

Select one:

- ☐ a. loadmem()
- ☐ b. memsiz()
- ☐ c. srtupkvm()
- ☒ d. loaduvm() ✓

The correct answer is: loaduvm()





Question **4**

Correct

Mark 1.00 out of 1.00

ELF Stands for

Select one:

- ☒ a. Executable and Linkable Format ✓
- ☐ b. Executable Linking File
- ☐ c. Extension Linking File
- ☐ d. Extension Linking Format

The correct answer is: Executable and Linkable Format

Question **5**

Correct

Mark 1.00 out of 1.00

exec will open the named binary path using which algorithm

Select one:

- ☐ a. readi
- ☐ b. read
- ☐ c. load
- ☒ d. namei ✓

The correct answer is: namei

Question **6**

Correct

Mark 1.00 out of 1.00

How many Bytes ELF Magic Number will occupy?

Select one:

- ☒ a. 4 bytes ✓
- ☐ b. 3 bytes
- ☐ c. 6 bytes
- ☐ d. 8 bytes

The correct answer is: 4 bytes

Question **7**

Correct

Mark 1.00 out of 1.00

if New Process Image is loaded Successfully the exec will return_____

Select one:

- ☐ a. Process Id
- ☐ b. None of these
- ☐ c. -1
- ☒ d. 0 ✓

The correct answer is: 0





Question **8**

Correct

Mark 1.00 out of 1.00

In which header file exec system call is available?

Select one:

- ☐ a. stat.h
- ☒ b. unistd.h ✓
- ☐ c. stdlib.h
- ☐ d. types.h

The correct answer is: unistd.h

Question **9**

Correct

Mark 1.00 out of 1.00

Multiple Commands can be combined by using which operator

Select one:

- ☐ a. >
- ☐ b. ?
- ☐ c. <
- ☒ d. | ✓

The correct answer is: |

Question **10**

Correct

Mark 1.00 out of 1.00

mv Command is used for

Select one:

- ☐ a. None of these
- ☐ b. Copy the file
- ☒ c. Both Copy and Rename of the File ✓
- ☐ d. Rename the File

The correct answer is: Both Copy and Rename of the File

Question **11**

Correct

Mark 1.00 out of 1.00

What exec will do from the following

Select one:

- ☐ a. Creates a new process
- ☒ b. Creates a New Process Image ✓
- ☐ c. Creates a copy of an existing process
- ☐ d. None of these

The correct answer is: Creates a New Process Image





Question **12**

Correct

Mark 1.00 out of 1.00

what is the purpose of which command

Select one:

- ☐ a. Displays help about a command
- ☐ b. Displas reference of a command
- ☒ c. Locates a Command ✓
- ☐ d. Diplays information about the command

The correct answer is: Locates a Command

Question **13**

Correct

Mark 1.00 out of 1.00

What is the syntax of mv command

Select one:

- ☐ a. mv sourcefoldername targetfoldername
- ☐ b. mv sourcefilename newfilename
- ☐ c. mv sourcefilename targetfilename
- ☒ d. all of these ✓

The correct answer is: all of these

Question **14**

Correct

Mark 1.00 out of 1.00

which function is used to read the ELF header

Select one:

- ☐ a. elfhdr
- ☒ b. readi ✓
- ☐ c. read
- ☐ d. namei

The correct answer is: readi

Question **15**

Correct

Mark 1.00 out of 1.00

which of the following are out put redirection operators

Select one:

- ☐ a. >>
- ☐ b. >
- ☒ c. both > and >> ✓
- ☐ d. None of these

The correct answer is: both > and >>

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OPERATING SYSTEMS DESIGN - A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Sunday, 30 August 2020, 10:44 PM**State** Finished**Completed on** Sunday, 30 August 2020, 10:51 PM**Time taken** 7 mins 21 secs**Marks** 15.00/15.00**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

>& is used for

Select one:

- ☒ a. Redirects the output to the console ✓
- ☐ b. Redirects the output to the printer
- ☐ c. None of these
- ☐ d. Redirects the output to the File

The correct answer is: Redirects the output to the console

Question **2**

Correct

Mark 1.00 out of 1.00

Identify the Simalar Command to the cat>F1.txt from the following

Select one:

- ☒ a. tee F1.txt ✓
- ☐ b. vi>F1.txt
- ☐ c. cat F1.txt
- ☐ d. nano>F1.txt

The correct answer is: tee F1.txt





Question **3**

Correct

Mark 1.00 out of 1.00

Multiple Commands can be combined by using which operator

Select one:

- ☐ a. ?
- ☐ b. <
- ☒ c. | ✓
- ☐ d. >

The correct answer is: |

Question **4**

Correct

Mark 1.00 out of 1.00

What is the Fixed value for Standard Error?

Select one:

- ☐ a. 3
- ☐ b. 0
- ☒ c. 2 ✓
- ☐ d. 1

The correct answer is: 2

Question **5**

Correct

Mark 1.00 out of 1.00

What is the out put of the head File1 command

Select one:

- ☐ a. Displays the header from File1
- ☒ b. Displays the First 10 lines from File1 ✓
- ☐ c. Displays the contents of File1
- ☐ d. Displays the last 10 lines from File1

The correct answer is: Displays the First 10 lines from File1

Question **6**

Correct

Mark 1.00 out of 1.00

What is the output of find F*.txt

Select one:

- ☒ a. same as ls F*.txt ✓
- ☐ b. None of these
- ☐ c. Displays all the Files begins with F and contains two characters
- ☐ d. Displays all the Files begins with F*

The correct answer is: same as ls F*.txt





Question **7**

Correct

Mark 1.00 out of 1.00

what is the output of ls %

Select one:

- ☒ a. Error ✓
- ☐ b. Displays the files and directories that begin with %
- ☐ c. Displays all the files of current Directory
- ☐ d. None of these

The correct answer is: Error

Question **8**

Correct

Mark 1.00 out of 1.00

what is the output of the command mail -f KLU

Select one:

- ☒ a. Reads mail from mailbox called KLU ✓
- ☐ b. Sends the mail to mailbox called KLU
- ☐ c. None of these
- ☐ d. Sends the mail to user named KLU

The correct answer is: Reads mail from mailbox called KLU

Question **9**

Correct

Mark 1.00 out of 1.00

What is the output of the ls F? in Unix

Select one:

- ☒ a. Displays all the files that begin with letter F followed by one Character ✓
- ☐ b. Displays all the files that begin with letter F followed by two Characters
- ☐ c. Displays all the files that begin with letter F followed by more than Characters
- ☐ d. Displays all the files that do not begin with letter F

The correct answer is: Displays all the files that begin with letter F followed by one Character

Question **10**

Correct

Mark 1.00 out of 1.00

What is the output redirection operation in unix?

Select one:

- ☒ a. > ✓
- ☐ b. >>
- ☐ c. <<
- ☐ d. <

The correct answer is: >





Question **11**

Correct

Mark 1.00 out of 1.00

what is the purpose of >> operator

Select one:

- ☒ a. used to append the data into the given file ✓
- ☐ b. used to redirects the output to the printer
- ☐ c. used to redirects the output to the mail
- ☐ d. used to create a new file

The correct answer is: used to append the data into the given file

Question **12**

Correct

Mark 1.00 out of 1.00

what is the purpose of which command

Select one:

- ☒ a. Locates a Command ✓
- ☐ b. Displas reference of a command
- ☐ c. Displays information about the command
- ☐ d. Displays help about a command

The correct answer is: Locates a Command

Question **13**

Correct

Mark 1.00 out of 1.00

What is the result of ls>Sample.txt

Select one:

- ☐ a. Displays the data of Sample.txt
- ☒ b. Output of ls command is stored into Sample.txt ✓
- ☐ c. None of these
- ☐ d. Error

The correct answer is: Output of ls command is stored into Sample.txt

Question **14**

Correct

Mark 1.00 out of 1.00

which of the following are out put redirection operators

Select one:

- ☐ a. None of these
- ☒ b. both > and >> ✓
- ☐ c. >>;
- ☐ d. >;

The correct answer is: both > and >>;



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OPERATING SYSTEMS DESIGN - A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Thursday, 3 September 2020, 10:51 AM**State** Finished**Completed on** Thursday, 3 September 2020, 10:53 AM**Time taken** 2 mins 8 secs**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

The asterisk character is used to represent zero or more of any character in a filename. True or False?

Select one:

- ☐ a. False
- ☒ b. True ✓

The correct answer is: True

Question **2**

Correct

Mark 1.00 out of 1.00

The command `rm -r` will...

Select one:

- ☐ a. prompt for each confirmation before deleting each file in a directory.
- ☒ b. remove a directory along with any files or subdirectories. ✓
- ☐ c. remove only empty directories.
- ☐ d. generate an error; `-r` isn't a valid option.

The correct answer is: remove a directory along with any files or subdirectories.

Question **3**

Correct

Mark 1.00 out of 1.00

The main purpose of using glob characters is to be able to provide a list of filenames to a command. True or False?

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True





Question **4**

Correct

Mark 1.00 out of 1.00

The rm command can delete multiple files at once.True or False?

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True

Question **5**

Correct

Mark 1.00 out of 1.00

The touch command can be used to:(choose two)

Select one:

- ☐ a. Change a file's name
- ☒ b. Both A and C ✓
- ☐ c. Create new files
- ☐ d. Update the timestamp of existing files

The correct answer is: Both A and C

Question **6**

Correct

Mark 1.00 out of 1.00

When using the cp command, you must provide both a source and a destination.True or False?

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True

Question **7**

Correct

Mark 1.00 out of 1.00

Which of the following are glob characters?

Select one:

- ☒ a. All of the above ✓
- ☐ b. The square brackets "[" and "]"
- ☐ c. The asterisk "*"
- ☐ d. The question mark "?"

The correct answer is: All of the above

Question **8**

Correct

Mark 1.00 out of 1.00

Which of the following commands can be used to rename a file?

Select one:

- ☐ a. name
- ☒ b. mv ✓
- ☐ c. rm
- ☐ d. cp

The correct answer is: mv





Question **9**

Correct

Mark 1.00 out of 1.00

Which option can be used with the rm command to prompt before deleting?

Select one:

- ☐ a. -P
- ☒ b. A ✓
- ☐ c. -i
- ☐ d. l

The correct answer is: A

Question **10**

Correct

Mark 1.00 out of 1.00

Which option(s) can be used to prevent cp from overwriting an existing file?(choose two)

Select one:

- ☐ a. -N
- ☐ b. -n
- ☐ c. -i
- ☒ d. Both b and c ✓

The correct answer is: Both b and c

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Started on Thursday, 3 September 2020, 11:44 AM

State Finished

Completed on Thursday, 3 September 2020, 11:46 AM

Time taken 2 mins 5 secs

Grade 10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 1.00 out of 1.00

HOME is an example of _____.

Select one:

- ☒ a. An environment variable ✓
- ☐ b. An internal command
- ☐ c. A local variable
- ☐ d. An alias

The correct answer is: An environment variable

Question **2**

Correct

Mark 1.00 out of 1.00

The acronym CLI stands for:

Select one:

- ☐ a. Computer Link Interpreter
- ☐ b. Computer Line Interface
- ☐ c. Command Line Interpreter
- ☒ d. Command Line Interface ✓

The correct answer is: Command Line Interface

Question **3**

Correct

Mark 1.00 out of 1.00

The command man -k is the same as the command apropos.
True or False?

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True





Question **4**

Correct

Mark 1.00 out of 1.00

The directory where additional documentation for software packages most likely can be found is:

Select one:

- ☐ a. /usr/software/doc
- ☐ b. /var/lib/doc
- ☐ c. /var/share/doc
- ☒ d. /usr/share/doc ✓

The correct answer is: /usr/share/doc

Question **5**

Correct

Mark 1.00 out of 1.00

The echo command:

Select one:

- ☒ a. Is used to output text to the console ✓
- ☐ b. Copies variables from one to another
- ☐ c. Is used for variable assignment
- ☐ d. Duplicates the input stream to the output stream

The correct answer is: Is used to output text to the console

Question **6**

Correct

Mark 1.00 out of 1.00

The most common shell used for Linux distributions is the _____ shell.

Select one:

- ☐ a. Tsch
- ☒ b. Bash ✓
- ☐ c. Zsh
- ☐ d. Fish

The correct answer is: Bash

Question **7**

Correct

Mark 1.00 out of 1.00

The shell program interprets the commands you type into the terminal into instructions that the Linux operating system can execute. True or False?

Select one:

- ☐ a. False
- ☒ b. True ✓

The correct answer is: True





Question **8**

Correct

Mark 1.00 out of 1.00

What command is same as man -w.

Select one:

- ☐ a. True
- ☒ b. False ✓

The correct answer is: False

Question **9**

Correct

Mark 1.00 out of 1.00

What is the standard option to provide a command line program to view its documentation?

Select one:

- ☐ a. --doc
- ☐ b. -h
- ☒ c. --help ✓
- ☐ d. --info

The correct answer is: --help

Question **10**

Correct

Mark 1.00 out of 1.00

What one character treats the character that follows it as if it was surrounded by single quotes?

Select one:

- ☒ a. \ ✓
- ☐ b. %
- ☐ c. /
- ☐ d. #

The correct answer is: \

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OPERATING SYSTEMS DESIGN – A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Saturday, 12 September 2020, 8:32 PM**State** Finished**Completed on** Saturday, 12 September 2020, 8:35 PM**Time taken** 2 mins 52 secs**Marks** 15.00/15.00**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

An incremental backup

Select one:

- ☐ a. should be done each month
- ☐ b. saves all files
- ☐ c. uses more tapes
- ☒ d. saves only files that have recently changed ✓

The correct answer is: saves only files that have recently changed

Question **2**

Correct

Mark 1.00 out of 1.00

How many common file type are there in UNIX

Select one:

- ☒ a. 9 ✓
- ☐ b. 5
- ☐ c. 6
- ☐ d. 2

The correct answer is: 9

Question **3**

Correct

Mark 1.00 out of 1.00

The allocation map is used for

Select one:

- ☒ a. specify which blocks are used ✓
- ☐ b. store program data
- ☐ c. updation of user programs
- ☐ d. allow the programs to earse files

The correct answer is: specify which blocks are used





Question **4**

Correct

Mark 1.00 out of 1.00

The proper way to tar files without compressing is

Select one:

- ☐ a. tar -xvf backup.gaz /home/Jason
- ☐ b. tar -cvzf backup.tar /home/Jason
- ☐ c. tar -cvf backup.tar /home/Jason
- ☒ d. tar -zvf backup.gz /home/Jason ✓

The correct answer is: tar -zvf backup.gz /home/Jason

Question **5**

Correct

Mark 1.00 out of 1.00

The utility that is capable of compressing the files is

Select one:

- ☐ a. rar
- ☐ b. zip
- ☐ c. all
- ☒ d. tar ✓

The correct answer is: tar

Question **6**

Correct

Mark 1.00 out of 1.00

What is the option on the cron command is used to display entries in the current crontab

Select one:

- ☐ a. -e
- ☐ b. -r
- ☒ c. -l ✓
- ☐ d. -s

The correct answer is: -l

Question **7**

Correct

Mark 1.00 out of 1.00

What kind of users have the privilege to create and modify groups

Select one:

- ☒ a. superuser ✓
- ☐ b. the people in the group only
- ☐ c. any user
- ☐ d. a programmer only

The correct answer is: superuser





Question **8**

Correct

Mark 1.00 out of 1.00

When a user job starts in a two level directory system, or a user logs in

Select one:

- ☐ a. the system's master file directory is not searched
- ☐ b. the users user file directory is searched
- ☐ c. all of the mentioned
- ☒ d. the master file directory is indexed by user name or account number, and each entry points to the UFD for that user ✓

The correct answer is: the master file directory is indexed by user name or account number, and each entry points to the UFD for that user

Question **9**

Correct

Mark 1.00 out of 1.00

When a user refers to a particular file

Select one:

- ☐ a. his own UFD is not searched
- ☒ b. both MFD and UFD are searched ✓
- ☐ c. system MFD is searched
- ☐ d. every directory is searched

The correct answer is: both MFD and UFD are searched

Question **10**

Correct

Mark 1.00 out of 1.00

Which command is used to view the queue for all printers

Select one:

- ☐ a. lprm status all
- ☐ b. lpc status all
- ☐ c. lpd status all
- ☒ d. lpq status all ✓

The correct answer is: lpq status all

Question **11**

Correct

Mark 1.00 out of 1.00

Which file is used to specify message levels that are displayed using the dmesg command

Select one:

- ☐ a. kernel.conf
- ☒ b. kernel.h ✓
- ☐ c. dmesg.h
- ☐ d. dmesg.conf

The correct answer is: kernel.h





Question **12**

Correct

Mark 1.00 out of 1.00

Which of the following are the types of Path names?

Select one:

- ☒ a. absolute & relative ✓
- ☐ b. local & global
- ☐ c. relative & local
- ☐ d. global & relative

The correct answer is: absolute & relative

Question **13**

Correct

Mark 1.00 out of 1.00

Which of the following spools print jobs to the print device

Select one:

- ☒ a. lpd ✓
- ☐ b. lpc
- ☐ c. lpr
- ☐ d. lpq

The correct answer is: lpd

Question **14**

Correct

Mark 1.00 out of 1.00

Which of the following used for reducing recovery time

Select one:

- ☒ a. all of these ✓
- ☐ b. automatic failover
- ☐ c. by taking backup on a faster device
- ☐ d. taking multiple backups

The correct answer is: all of these

Question **15**

Correct

Mark 1.00 out of 1.00

Which task is the essential to organise file systems on disk

Select one:

- ☐ a. they are split into one or more partitions
- ☐ b. all of the mentioned
- ☐ c. they are made on different storage spaces
- ☒ d. information about files is added to each partition ✓

The correct answer is: information about files is added to each partition

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OPERATING SYSTEMS DESIGN - A 2020-21 Odd Semester

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Started on Saturday, 12 September 2020, 8:29 PM

State Finished

Completed on Saturday, 12 September 2020, 8:32 PM

Time taken 2 mins 36 secs

Grade 10.00 out of 10.00 (100%)

Question **1**

Correct

Mark 1.00 out of 1.00

_____ option counts the number of lines containing the pattern?

Select one:

- ☐ a. -e
- ☒ b. -c ✓
- ☐ c. -n
- ☐ d. -i

The correct answer is: -c

Question **2**

Correct

Mark 1.00 out of 1.00

For taking patterns from a file, -f option is specified with grep command.

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True

Question **3**

Correct

Mark 1.00 out of 1.00

If there are special characters in a pattern, then we have to enclose them in _____

Select one:

- ☒ a. double quotes ✓
- ☐ b. without any quotes
- ☐ c. single quotes
- ☐ d. all quotes

The correct answer is: double quotes





Question **4**

Correct

Mark 1.00 out of 1.00

The syntax of the find command is _____

Select one:

- ☐ a. find action path_listselection_criteria
- ☐ b. find path action
- ☒ c. find path_listselection_criteria action ✓
- ☐ d. find selection_criteria action path

The correct answer is: find path_listselection_criteria action

Question **5**

Correct

Mark 1.00 out of 1.00

We can provide multiple filenames as arguments to gunzip.

Select one:

- ☒ a. True ✓
- ☐ b. False

The correct answer is: True

Question **6**

Correct

Mark 1.00 out of 1.00

We can use relative pathname in the path list while using find command.

Select one:

- ☐ a. False
- ☒ b. True ✓

The correct answer is: True

Question **7**

Correct

Mark 1.00 out of 1.00

We cannot uncompress files using gzip.

Select one:

- ☒ a. False ✓
- ☐ b. True

The correct answer is: False

Question **8**

Correct

Mark 1.00 out of 1.00

What will be the output of the following command? `$find / -name a.out -print`

Select one:

- ☐ a. undefined output
- ☐ b. erroneous
- ☒ c. all files having filename as a.out ✓
- ☐ d. all files in the root directory

The correct answer is: all files having filename as a.out





Question **9**

Correct

Mark 1.00 out of 1.00

Which command is used for locating files?

Select one:

- ☐ a. loc
- ☐ b. type
- ☒ c. find ✓
- ☐ d. search

The correct answer is: find

Question **10**

Correct

Mark 1.00 out of 1.00

Which of the following is a better agent than gzip?

Select one:

- ☒ a. bzip2 and bunzip2 ✓
- ☐ b. bzip2
- ☐ c. allzip
- ☐ d. bunzip2

The correct answer is: bzip2 and bunzip2

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OPERATING SYSTEMS DESIGN – A 2020-21 Odd Semester

[↩ Back to course](#)**Started on** Sunday, 4 October 2020, 5:09 PM**State** Finished**Completed on** Sunday, 4 October 2020, 5:11 PM**Time taken** 1 min 38 secs**Grade** 10.00 out of 10.00 (100%)Question **1**

Correct

Mark 1.00 out of 1.00

_____ section can be used if we've to print something before processing the first line.

Select one:

- ☒ a. begin ✓
- ☐ b. end
- ☐ c. start
- ☐ d. first

The correct answer is: begin

Question **2**

Correct

Mark 1.00 out of 1.00

Awk filter operates at field level.

Select one:

- ☐ a. Can't say
- ☐ b. May be
- ☒ c. True ✓
- ☐ d. False

The correct answer is: True

Question **3**

Correct

Mark 1.00 out of 1.00

awk uses _____ for splitting a line into fields.

Select one:

- ☐ a. env variables
- ☒ b. special parameters ✓
- ☐ c. shell variables
- ☐ d. env variables

The correct answer is: special parameters





Question **4**

Correct

Mark 1.00 out of 1.00

In awk program, the name of the array can not be same with the

Select one:

- ☒ a. name of variable ✓
- ☐ b. value of the array element
- ☐ c. name of variable & value of the array element
- ☐ d. none of the mentioned

The correct answer is: name of variable

Question **5**

Correct

Mark 1.00 out of 1.00

In awk, the built-in variable FS is

Select one:

- ☐ a. record separator
- ☐ b. subscript separator
- ☒ c. input field separator ✓
- ☐ d. output field separator

The correct answer is: input field separator

Question **6**

Correct

Mark 1.00 out of 1.00

The processes that are residing in main memory and are ready and waiting to execute are kept on a list called

Select one:

- ☒ a. ready queue ✓
- ☐ b. process queue
- ☐ c. execution queue
- ☐ d. job queue

The correct answer is: ready queue

Question **7**

Correct

Mark 1.00 out of 1.00

Which algorithm is defined in Time quantum?

Select one:

- ☐ a. shortest job scheduling algorithm
- ☐ b. priority scheduling algorithm
- ☐ c. multilevel queue scheduling algorithm
- ☒ d. round robin scheduling algorithm ✓

The correct answer is: round robin scheduling algorithm





Question **8**

Correct

Mark 1.00 out of 1.00

Which command is used for executing jobs according to their priority?

Select one:

- ☒ a. nice ✓
- ☐ b. \$
- ☐ c. &
- ☐ d. nohup

The correct answer is: nice

Question **9**

Correct

Mark 1.00 out of 1.00

Which of the following is supported by awk?

Select one:

- ☐ a. while
- ☒ b. if, while, for ✓
- ☐ c. if
- ☐ d. for

The correct answer is: if, while, for

Question **10**

Correct

Mark 1.00 out of 1.00

Which one of the following can not be scheduled by the kernel?

Select one:

- ☒ a. user level thread ✓
- ☐ b. kernel level thread
- ☐ c. none of the mentioned
- ☐ d. process

The correct answer is: user level thread

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