# Online Examinations (Even Sem/Part-I/Part-II Examinations 2020 - 2021

Course Name - - Linux System Engineering-I Course Code - MNCS201

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- MCA
- M.SC.(MSJ)
- M.SC.(AM)
- M.SC.CS)
- M.SC.(ANCS)
- M.SC.(MM)
- B.A.(Eng)

Answer all the questions. Each question carry one mark.

9. 1.Single user mode shell runs as

- Admin user
- Root user
- Normal User
- C Log user

10. 2.How do you rename file "new" to file "old"?

Mark only one oval.

- mv new old
   move new old
   cp new old
- del new old
- 11. 3.How many types of modes are used by vi editor?

Mark only one oval.

- 2 3 4 1
- 12. 4.Which octal expression represents permission -rwxr-xr-t?



13. 5.Pid of init process

Mark only one oval. 0 32767 1 None of these

14. 6.\_\_\_\_ key is used for switching to command mode from input mode.

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15. 7. Which command is used to display the unix version



16. 8.Using which command you find resource limits to the session?

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\_\_\_\_\_ rlimit

- 🔵 ulimit
- \_\_\_\_\_ setrlimit
- \_\_\_\_\_ getrlimit
- 17. 9. Find / -name "\*"will

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List all files and directories recursively starting from /

List a file named \* in /

- List all files in / directory
- List all files and directories in / directory
- 18. 10.Where do the users arrive after entering exit in Linux system?

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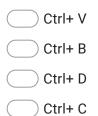
Login screen

Internet

- Logout screen
- C Login prompt

19. 11.Which command is called as the end-of-file command?

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20. 12. Which of the following is called as the piping symbol?

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21. 13.Who can change the password of any user?

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Everyone

Super User

System User

End-User

#### 22. 14. Applications communicate with kernel by using

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- System Calls
- C Programs
- Shell Script
- 🔵 Shell
- 23. 15. Solaris is the name of a flavor of UNIX from

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- HP
- IBM
- Digital Equipment Corp
- Sun Microsystems
- 24. 16.Which of the following enables multi-tasking in UNIX?

- Time Sharing
- Multi programming
- 🔵 Multi user
- Modularity

# 25. 17.Unix is which kind of Operating System?

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Multi User

- Multi Processes
- 📃 Multi Tasking
- All of the mentioned

## 26. 18.SVR4 stands for?

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Standard Version Release 4

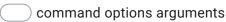
System Version Release 4

- Standard Five Release 4
- System Five Release 4
- 27. 19.Syntax of any Unix command is

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command options [arguments].



#### 28. 20.Which of the following statement is FALSE?

Mark only one oval.

- Unix supports multiple users
- Linux is an open source operating system and the source code is shared
- Shell takes care of inter process communication
- Shell provides the feature of I/O Redirection
- 29. 21.How do you get help about the command "cp"?

Mark only one oval.

- help cp
- 🔵 man cp
- \_\_\_\_ cd ?
- none of the mentioned
- 30. 22.The dmesg command

- Shows user login logoff attempts
- Shows the syslog file for info messages
- 🔵 kernel log messages
- Shows the daemon log messages

31. 23.Which command is used to extract intermediate result in a pipeline

Mark only one oval.

tee
extract
exec
none of the mentioned

32. 24.Which command is used to display disk consumption of a specific directory

Mark only one oval.

- du ds dd dds
- 33. 25.Which option of rm command is used to remove a directory with all its subdirectories



- (\_\_\_\_) o
- \_\_\_\_р
- () r

# 34. 26.Which command is used to identify file type?

Mark only one oval.

$\bigcirc$	Туре
$\bigcirc$	File
$\bigcirc$	Finfo
$\bigcirc$	Info

35. 27.Command used to count number of character in a file is

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$\bigcirc$	grep
$\bigcirc$	WC
$\bigcirc$	count
$\bigcirc$	cut

36. 28.Which commands will give you information about how much disk space each file in the current directory uses?



### 37. 29. Which of the following command output contains userid?

Mark only one oval.

$\bigcirc$	ls
$\bigcirc$	help
$\bigcirc$	date
$\bigcirc$	ls

38. 30.Which command is used to display all the files including hidden files in your current and its subdirectories ?

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- Is -aR
- 39. 31.Which of the following commands can be used to change default permissions for files and directories at the time of creation

- \_\_\_\_ chmod
- Chown
- \_\_\_\_ umask
- \_\_\_) chgrp

40. 32.Which of the following commands will allow the user to search contents of a file for a particular pattern

Mark only one oval.

touch grep find Is

41. 33.The command syntax to display the file "sample.txt" one page at a time is

# Mark only one oval.

\_\_\_\_ man sample.txt>more

Cat sample.txt<more</p>

cat sample.txt|more

- none of the mentioned
- 42. 34.Which one shows the name of the operating system?

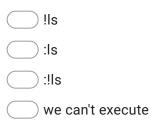
Mark only one oval.

🕖 uname -n

- 🕖 uname -r
- uname -o
- 🔵 uname -m

#### 43. 35. How to execute Is command inside a vi editor?

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44. 36.Which command is used to set limits on file size

Mark only one oval.

- fsize
- \_\_\_\_\_\_ flimit
- 🔵 ulimit
- 🔵 usize
- 45. 37. Which represents the user home directory

Mark only one oval.



~

## 46. 38.How do you rename file "new†to file "oldâ€?

Mark only one oval.

mv new old

- \_\_\_\_ move new old
- \_\_\_\_ cp new old
- \_\_\_\_ rn new old
- 47. 39.When mv f1 f2 is executed which file's inode is freed?

used

Mark only one oval.

$\square$	) f1
$\square$	) f2
$\square$	) new inode will be
$\square$	) no inode is freed

48. 40.Any file's attribute information is stored in which structure on the disk

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i Inode

Data blocks

- File blocks
- Directory file

49. 41.A user creates a link to a file file1 using the following command "In file1 file2".Which of the following is not true?

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- file1 and file2 have the same inode numbers
- The number of links for file1 is displayed as 1
- The number of links for file1 is displayed as 2
- The number of links for file2 is displayed as 2
- 50. 42.If two files on same partition point to the same inode structure they are called

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- Soft links
  Hard links
  Alias
- Special files

## 51. 43.Deleting a soft-link

- Deletes the destination file
- Deletes both the softlink and the destination file
- Deletes just the softlink
- backup of the destination is automatically created

## 52. 44.Where can I find the printer in the file structure?

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/etc /dev /lib

53. 45.Which of the following statement is true?

# Mark only one oval.

- The cp command will preserve the meta data of the file
- The sort command by default sorts in the numeric order
- The mv command will preserve the meta data of the file
- The command ps will display the filesystem usage
- 54. 46.Binary or executable files are:

- Regular files
- Device files
- Special files
- Directory files

#### 55. 47. Which directory contain device special files?

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/etc /etc/dev /root/bin /dev

56. 48.Which of the following is not correct statement regarding file types?

## Mark only one oval.

- Hard links share same inode number
- Soft links cannot be created across partitions
- Socket files are Unix domain sockets
- Character file is a special file
- 57. 49.Which are the two types of device files?

- Character & Block
- Character & Socket
- Block & FIFO
- Input & output

#### 58. 50.Which is an example for block special file?

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Virtual Terminal

CD-ROM

- \_\_\_\_\_ Terminal
- Serial modem
- 59. 51.The file permission 764 means

#### Mark only one oval.

- Every one can read, group can execute only and the owner can read and write
- Every one can read and write, but owner alone can execute
- Every one can read, group including owner can write, owner alone can execute
- Every one can read and write and execute
- 60. 52.The permission -rwx "r" represented in octal expression will be

- 777
- 666
- 744
- 711

61. 53. Sticky bit can be set using following permission

Mark only one oval.



62. 54.The permission -rwxr-s "r" represented in octal expression will be

Mark only one oval.

$\square$	) 777 (
$\square$	) 2766
$\square$	) 2744
$\square$	) 2754

63. 55. If user tries to remove (rm) a readonly file (444 permission), what will happen?

Mark only one oval.

The file is removed successfully (and silently)

The rm command prompts for a confirmation, the command is successful upon confirmation

The rm command prompts for a confirmation, however the operation fails because of insufficient permissions

The rm command fails because of insufficient permissions

64. 56.If the umask value is 0002. what will be the permissions of new directory

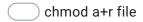
Mark only one oval.



65. 57.What is the command to set the execute permissions to all the files and subdirectories within the directory /home/user1/direct

Mark only one oval.

- \_\_\_\_\_ chmod -r +x /home/user1/direct
- Chmod -R +x /home/user1/direct
- \_\_\_\_\_ chmod -f -r +x /home/user1/direct
- \_\_\_\_\_ chmod -F +x /home/user1/direct
- 66. 58.Which command is used to assign read-write permission to the owner?



- C chmod o+r file
- Chmod u=rw file
- chmod og-r file

67. 59.If you are a root user, how can you grand execute permission only for the owner of the file project1?

Mark only one oval.

\_\_\_\_\_ chmod +x project1

Chmod u+x project1

- \_\_\_\_\_ chmod a+x project1
- Chmod U+X project1
- 68. 60.What does chmod +t do?

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- wrong syntax
- set effective userid for filename
- set effective groupid for filename
- set the sticky bit

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