

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

Course Name - -Linux System Engineering-I

Course Code - MNCS201

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Answer all the questions. Each question carry one mark.

9. 1.Single user mode shell runs as

Mark only one oval.

- Admin user
- Root user
- Normal User
- 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?

Mark only one oval.

- 777
- 1755
- 1754
- 2754

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.

Mark only one oval.

- i
- :
- A
- esc

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

Mark only one oval.

- uname -r
- uname -n
- uname -t
- kernel

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

Mark only one oval.

- rlimit
- ulimit
- setrlimit
- getrlimit

17. 9. Find / -name "*"will

Mark only one oval.

- 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?

Mark only one oval.

- Login screen
- Internet
- Logout screen
- Login prompt

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

Mark only one oval.

Ctrl+ V

Ctrl+ B

Ctrl+ D

Ctrl+ C

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

Mark only one oval.

_

|

~

!

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

Mark only one oval.

Everyone

Super User

System User

End-User

22. 14.Applications communicate with kernel by using

Mark only one oval.

- System Calls
- C Programs
- Shell Script
- Shell

23. 15.Solaris is the name of a flavor of UNIX from

Mark only one oval.

- HP
- IBM
- Digital Equipment Corp
- Sun Microsystems

24. 16.Which of the following enables multi-tasking in UNIX?

Mark only one oval.

- Time Sharing
- Multi programming
- Multi user
- Modularity

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

Mark only one oval.

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

26. 18.SVR4 stands for?

Mark only one oval.

- Standard Version Release 4
- System Version Release 4
- Standard Five Release 4
- System Five Release 4

27. 19.Syntax of any Unix command is

Mark only one oval.

- command [options] [arguments]
- command options [arguments].
- 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

Mark only one oval.

- 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

Mark only one oval.

- b
- o
- p
- r

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

Mark only one oval.

- Type
- File
- Finfo
- Info

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

Mark only one oval.

- grep
- wc
- count
- cut

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

Mark only one oval.

- ls -l
- ls -la
- du
- ls -a

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

Mark only one oval.

- ls
- help
- date
- ls

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

Mark only one oval.

- ls -aR
- ls -a
- ls -R
- ls -l

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

Mark only one oval.

- 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
- ls

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
- 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 ls command inside a vi editor?

Mark only one oval.

- !ls
- :ls
- :!ls
- we can't execute

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 "old"?

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?

Mark only one oval.

- f1
- f2
- new inode will be used
- no inode is freed

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

Mark only one oval.

- Inode
- Data blocks
- File blocks
- Directory file

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

Mark only one oval.

- 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

Mark only one oval.

- Soft links
- Hard links
- Alias
- Special files

51. 43.Deleting a soft-link

Mark only one oval.

- 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?

Mark only one oval.

- /etc
- /dev
- /lib
- /printer

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:

Mark only one oval.

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

55. 47.Which directory contain device special files?

Mark only one oval.

- /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?

Mark only one oval.

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

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

Mark only one oval.

- 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

Mark only one oval.

- 777
- 666
- 744
- 711

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

Mark only one oval.

777

2666

4744

1711

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

Mark only one oval.

777

2766

2744

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.

777

775

774

664

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?

Mark only one oval.

chmod a+r file

chmod o+r file

chmod u=rw file

chmod og-r file

67. 59.If you are a root user, how can you grant 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?

Mark only one oval.

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

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