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

Course Name - –Linux Administration
Course Code - BCSE602

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Answer all the questions. Each question carry one mark.

9.   1. What is UNIX?

Mark only one oval.

◯ an operating system

◯ a text editor

◯ programming language

◯ software program

10.   2. Name the windowing system of UNIX known as-

Mark only one oval.

- ◯ X Window system
- ◯ LINUX
- ◯ Red Hat
- ◯ DOS

11.   3. The function of echo command is

Mark only one oval.

- ◯ displaying errors
- ◯ displaying operating system details
- ◯ displaying diagnostic messages
- ◯ displaying date and time

12.   4. Escape sequences are-

Mark only one oval.

- ◯ special characters beginning with a \ (backslash)
- ◯ special commands
- ◯ special utilities
- ◯ a sequence of characters

13.   5. script command is used for_____

Mark only one oval.

◯ recording history

◯ recording our session

◯ recording passwords

◯ recording scripts

14.   6. Which of the following is not an internal command used by mailx?

Mark only one oval.

◯ N

◯ d

◯ q

◯ a

15.   7. Which command is used for killing a line?

Mark only one oval.

◯ ctrl-k

◯ del

◯ esc

◯ ctrl-u

16. 8. When we log in, the UNIX places us in a directory, called _____ directory

Mark only one oval.

◯ home

◯ main

◯ parent

◯ current

17. 9. Which command is used for changing the current directory?

Mark only one oval.

◯ Cd

◯ cp

◯ pwd

◯ rm

18. 10. Which command is used for removing an empty directory?

Mark only one oval.

◯ Mkdir

◯ rmdir

◯ del

◯ remove

19.   11. If rmdir dir001 fails, what could be the reason(s)?

Mark only one oval.

○ dir001 doesn't exist

○ dir001 is not empty

○ permissions of dir001 doesn't allow to remove it

○ dir001 doesn't exist, dir001 is not empty and permissions of dir001 doesn't allow to remove it

20.   12. Which command is used for listing files in a directory?

Mark only one oval.

○ Ps

○ list

○ ls

○ wc

21.   13. What is the collating sequence of ls command for listing files?

Mark only one oval.

○ Numerals > Uppercase > Lowercase

○ Numerals > Lowercase > Uppercase

○ Lowercase > Uppercase > Numerals

○ Uppercase > Numerals > Lowercase

22.   14. The output of ls dir* is ___

Mark only one oval.

◯ all files in the current directory

◯ all files in the directory having a filename starting with dir

◯ no filename is displayed

◯ erroneous

23.   15.Which of the following is a limitation of cat command?

Mark only one oval.

◯ displaying files

◯ creating files

◯ appending files

◯ deleting files

24.   16. To create empty files, which command is used?

Mark only one oval.

◯ Cp

◯ cat

◯ Touch

◯ Create

25.   17. -n option is used with cp command for what purpose?

Mark only one oval.

◯ existing file should not be overwritten

◯ to update file

◯ interactive copying

◯ recursive copying

26.   18. Which option is used with cp command for linking files instead of copying?

Mark only one oval.

◯ -v

◯ -l

◯ -S

◯ -X

27.   19. Which of the following command is needed to delete all files in a directory?

Mark only one oval.

◯ rmdir *

◯ mv *

◯ rm *

◯ del *

28. 20. Which command is used for removing file named –file.txt?

Mark only one oval.

( ) rm -file.txt

( ) rm file.txtrm

( ) rm — -file.txt

( ) rm -f file.txt

29. 21. What if the destination file specified in mv command already exists?

Mark only one oval.

( ) it will be deleted

( ) it will not be affected

( ) it will be overwritten

( ) an error will be produced

30. 22. What is the default symbol for command prompt in Bourne shell?

Mark only one oval.

( ) $

( ) %

( ) #

( ) @

31. 23. Which one of the following command will display the name of the shell we are working on?

Mark only one oval.

◯ echo shell

◯ echo $

◯ echo $SHELL

◯ echo $$

32. 24. In Shell's interpretive cycle, the shell first scans for _____ in the entered command.

Mark only one oval.

◯ Characters

◯ priority

◯ meta-characters

◯ wildcards

33. 25. If we want an expression in which the last character is not numeric, which of the following expression is a correct wildcard pattern?

Mark only one oval.

◯ *[!0]

◯ *[0-9]

◯ [0-9]

◯ *[!0-9]

34.   26. Which of the following is used for substitution command?

Mark only one oval.

⚪ N

⚪ M

⚪ S

⚪ D

35.   27. For searching "director" in emp.lst, which one of the following commands will be used?

Mark only one oval.

⚪ grep "director"

⚪ grep -v "director" emp.lst

⚪ grep -director emp.lst

⚪ grep "director" emp.lst

36.   28. The kernel minimizes the frequency of disk access by keeping a pool of internal data buffer called to increase the response time and throughput–

Mark only one oval.

⚪ Pooling

⚪ Spooling

⚪ Buffer cache

⚪ Swapping

37.   29. Which of the following options of rmdir command will remove all directories a, b, c if path is a/b/c

Mark only one oval.

○ -b

○ -o

○ -p

○ -t

38.   30. Any file's attribute information is stored in which structure on the disk

Mark only one oval.

○ Inode

○ Data blocks

○ File blocks

○ Directory file

39.   31. Which of the following is not a part of all the versions of UNIX?

Mark only one oval.

○ Kernel and Shell

○ Commands and utilities

○ Graphical user interface

○ System Calls

40.   32. Which of the following is not true about UNIX?

Mark only one oval.

⬭ Many people can use a UNIX based computer at the same time; hence UNIX is called as a multiuser system

⬭ A user can run multiple programs at the same time; hence UNIX is called a multitasking environment

⬭ UNIX was not written in 'C' language

⬭ Linux is also known as a version of UNIX

41.   33. Which part of the UNIX operating system interacts with the hardware?

Mark only one oval.

⬭ Kernel

⬭ Shell

⬭ VI editor

⬭ Application Program

42.   34.What is a superuser?

Mark only one oval.

⬭ system manager

⬭ normal user

⬭ administrator

⬭ a user with special rights

43.   35. Unix was created by

Mark only one oval.

◯ Ken Thompson

◯ Alan Turing

◯ Alfred

◯ Stoustrap

44.   36. What are Commands?

Mark only one oval.

◯ specific instructions for performing a particular task

◯ part of the operating system

◯ part of the shell

◯ special instructions

45.   37. echo command is used for _____

Mark only one oval.

◯ displaying errors

◯ displaying operating system details

◯ displaying diagnostic messages

◯ displaying date and time

46.　38. What are escape sequences?

Mark only one oval.

◯ special characters beginning with a \ (backslash)

◯ special commands

◯ special utilities

◯ a sequence of characters

47.　39. Which option is used for displaying the line numbers containing the pattern along with lines?

Mark only one oval.

◯ -v

◯ -i

◯ -e

◯ -n

48.　40. Which option counts the number of lines containing the pattern?

Mark only one oval.

◯ -c

◯ -i

◯ -e

◯ -n

49.   41. POSIX identifies regular expressions as belonging to ____ categories.

Mark only one oval.

⬭ 3

⬭ 2

⬭ 4

⬭ 5

50.   42. To increase the response time and throughput, the kernel minimizes the
       frequency of disk access by keeping a pool of internal data buffer called

Mark only one oval.

⬭ Pooling

⬭ Spooling

⬭ Swapping

⬭ Buffer Cache

51.   43. Which command is used to set limits on file size

Mark only one oval.

⬭ fsize

⬭ flimit

⬭ ulimit

⬭ usize

52.   44. If a file is removed in Unix using 'rm' then

Mark only one oval.

○ The file can be recovered by a normal user

○ The file cannot be recovered by a user

○ The file can be fully recovered provided the sytem is not rebooted

○ The file will be moved to /lost+found directory and can be recovered only by administrator's intervention

53.   45. 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

54.   46. 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

55. 47. Any file's attribute information is stored in which structure on the disk

Mark only one oval.

⬭ Inode

⬭ Data Blocks

⬭ File Blocks

⬭ Directory File

56. 48. 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

57. 49. There are two hard links to the "file1" say hl and h2 and a softlink sl. What
     happens if we deleted the "file1"?

Mark only one oval.

⬭ We will still be able to access the file with hl and h2 but not with sl

⬭ We will not be able to access the file with hl and h2 but with sl

⬭ We will be able to access the file with any of hl, h2 and sl

⬭ None of the above mentioned

58.   50. Which of the following is/are true about Shell?

Mark only one oval.

⬭ Shell is a multi-faceted program

⬭ Shell is a command interpreter

⬭ Shell provides uswith an environment to work in

⬭ Shell is a multi-faceted, command interpreter and provides an environment to work in

59.   51. To change the login shell in some system (like Linux) we can use which command.

Mark only one oval.

⬭ Chshell

⬭ chshl

⬭ chsh

⬭ ch

60.   52. Which searches for a first instance of a pattern in the backward direction.

Mark only one oval.

⬭ /

⬭ *

⬭ ?

⬭ %

61.   53. Which command is used for repeating the search in the same direction?

Mark only one oval.

○ n

○ N

○ nn

○ NN

62.   54. Which of the following symbol is used for substitution command?

Mark only one oval.

○ N

○ n

○ S

○ s

63.   55. Which of the following is a correct syntax for performing substitution on a file?

Mark only one oval.

○ :address/source_pattern/target_pattern/flag

○ :address/target_pattern source_pattern/flag

○ :address/flag

○ :address

64.   56. Which of the following flag will be used for interactive substitution?

Mark only one oval.

◯ G

◯ g

◯ Gc

◯ cG

65.   57. Which one of the following is the correct syntax for grep command?

Mark only one oval.

◯ grep options filename(s)

◯ grep options pattern

◯ grep pattern filename

◯ grep options pattern filename(s)

66.   58.Which one of the following command will be used for searching "director" in emp.lst?

Mark only one oval.

◯ grep "director"

◯ grep -v "director" emp.lst

◯ grep -director emp.lst

◯ grep "director" emp.lst

67.   59. Which option is used with grep command for ignoring the case in pattern
       searching?

Mark only one oval.

⬭ -a

⬭ -v

⬭ -i

⬭ -e

68.   60. Which option is used with grep command for deleting lines?

Mark only one oval.

⬭ -v

⬭ -e

⬭ -a

⬭ -i

69.   61. Which option is used with cat command for displaying non-printable
       characters?

Mark only one oval.

⬭ -v

⬭ -n

⬭ -a

⬭ -x

70. 62.Which of the following cannot be performed by cat command?

Mark only one oval.

○ displaying files

○ creating files

○ appending files

○ deleting files

71. 63. Which files will be displayed by the following command: cat *file*?

Mark only one oval.

○ all files in the directory

○ all files with filename containing 'file'

○ no files will be displayed

○ a single file

72. 64. Which command is used to create empty files?

Mark only one oval.

○ cp

○ cat

○ touch

○ create

73. 65. Which one of the following commands is incorrect?

Mark only one oval.

- ◯ cat file01
- ◯ cat > file01
- ◯ cat >> file1
- ◯ cat -a file01

74. 66. What happens if the destination file specified in cp command does not exist?

Mark only one oval.

- ◯ file will not be copied
- ◯ an error will be produced
- ◯ destination file will be automatically created
- ◯ none of the mentioned

75. 67. What is the correct syntax for copying multiple files with a filename starting as 'file' into another file named as 'directory_one'?

Mark only one oval.

- ◯ cp -i file directory_one
- ◯ cp -R file directory/directory_one
- ◯ cp file* directory_one
- ◯ none of the mentioned

76. 68. How can we copy an entire directory under another directory?

Mark only one oval.

◯ using -R option

◯ using -a option

◯ using -u option

◯ none of the mentioned

77. 69.What does -i option do?

Mark only one oval.

◯ interactive copying

◯ recursively copying

◯ updating

◯ All of the mentioned

78. 70. Which command is used for printing the current working directory?

Mark only one oval.

◯ home

◯ cd

◯ pwd

◯ dir

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