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## Linux MCQ Questions

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**Linux** is the most popular operating system like Unix. It is an open-source operating system and is based on the Linux kernel. It was initially released on 17 September 1991 and written in C & Assembly languages. this operating system was originally developed for Intel x86 architecture-based personal computers.

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**Q1. The Command do you use to create Linux file system is .....**

- A. fsck
- **B. mkfs**
- C. mount
- D. None of the mentioned

**Q2. The Core of Linux operating system is .....**

- A. Shell
- **B. Kernel**
- C. Terminal
- D. Command

**Q3. Which of the following directory contains configuration files in Linux?**

- A. /dev/
- **B. /etc/**
- C. /bin/
- D. /root/

**Q4. The maximum filename size in Linux in bytes is 255.**

- **A. True**
- B. False

**Q5. Which command is used to remove files?**

- **A. rm**
- B. dm
- C. erase
- D. delete

**Q6. \_\_\_\_\_ command is used to remove the directory.**

- A. rdir
- B. rd
- **C. rmdir**
- D. None of the above

**Q7. How many primary partitions can exist on one drive?**

- A. 16
- B. 1
- C. 2
- **D. 4**

**Q8. FSF stand for -**

- A. Free Software File
- **B. Free Software Foundation**
- C. First Serve First
- D. None of the above

**Q9. \_\_\_\_\_ is not a communication command.**

- A. mail
- B. mesg

- **C. grep**
- D. write

**Q10. Which of the following combination of keys is used to exit from terminal?**

- A. Ctrl + z
- B. Ctrl + t
- **C. Ctrl + d**
- D. Ctrl + e

**Q11. The OS which is not based on Linux is -**

- **A. BSD**
- B. Ubuntu
- C. CentOS
- D. Redhat

**Q12. \_\_\_\_\_command is used to record session in Linux.**

- A. session
- B. script
- **C. both session & script**
- D. None of the above

**Q13. The mv command can be used for .....**

- A. Renaming a file
- B. Move the file to different directory.
- **C. Both 1 and 2**
- D. None of these

**Q14. The range of nice number in Linux system is .....**

- A. -20 to 0
- **B. -20 to 19**
- C. 0 to 19
- D. 10 to 10

**Q15. User passwords are stored in .....**

- A. /root/password
- B. /etc/password
- C. /etc/passwd
- D. /root/passwd

**Q16. Which is the default file system type of Linux.**

- A. etx
- B. ext2
- C. ext3
- D. mimix

**Q17. Hidden file can be viewed using .....**

- A. ls -a
- B. ls -l
- C. ls -h
- D. ls -k

**Q18. Linux is an operating system based on UNIX and was first introduced by Linus Torvalds.**

- A. True
- B. False

**Q19. Which command is used to extract intermediate result in a pipeline?**

- A. extract
- B. tee
- C. exec
- D. chgrp

**Q20. Which of the following sign represents the user home directory?**

- A. .

- B. /
- C. ..
- D. ~

**Q21. The dmesg command shows .....**

- A. Kernel log messages
- B. The daemon log messages
- C. The user login logoff attempts
- D. None of above

**Q22. Which command is used to set terminal IO characteristic?**

- A. tty
- B. cttty
- C. stty
- D. None of above

**Q23. Which command is used to display the operating system name?**

- A. os
- B. unix
- C. uname
- D. kernel

**Q24. Which command is used to display the unix version?**

- A. kernel
- B. uname -t
- C. uname -r
- D. uname -n

**Q25. Which command is used to view compressed text file contents?**

- A. cat
- B. zcat
- C. type
- D. None of above

**Q26. a directory is a type of file. true or false?**

- **A. True**
- B. False

**Q27. Under the root directory in linux, which directory contains system commands and utilities?**

- **A. /usr**
- B. /tmp
- C. /sbin
- D. None of these

**Q28. The linux kernel exists as a file named .....**

- **A. vmlinuz**
- B. vmlinux
- C. kernel
- D. None of the above

**Q29. This default linux directory contains many of the linux commands.**

- **A. /bin**
- B. /doc
- C. /lib
- D. /info

**Q30. Linux is an example of a(n) \_\_\_\_\_.**

- **A. operating system**
- B. browser
- C. word processing software
- D. photo Editor

**Q31. The top-level directory on a linux system is represented as .....**

- **A. /**

- **B.** \$
- **C.** \*
- **D.** #

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# Linux Operating System MCQs

**BY: MCQ TUTOR**

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1) The \_\_\_\_ command changes the password for the current user.

- a) Pwd
- b) Passwd
- c) Password
- d) None of the above

Ans: B

2) The \_\_\_\_ command is used to see the help for the commands.

- a) Cat
- b) Tac
- c) File
- d) Man

Ans: D

3) The default KDE file manager is

- a) GNome
- b) Konqueror
- c) Louis



d) Nautilus

Ans: B

4) The directory that contains programs for use by the system and system administrator is

a) /sbin

b) /bin

c) /dev

d) /lib

Ans: A

5) The command to rename a file is

a) Mv

b) Rename

c) Rm

d) Cp

Ans: A

6) The command to search for the files that are bigger than 5MB in the current working directory is

a) Find size + 5000K

b) Find + 5000K

c) Find s + 500K

d) None of the above

Ans: A

7) The command used to give all permissions to users and read permission to others and group is

a) Chmod 400 file

b) Chmod 744 file

c) Chmod 713 file

d) Chmod 722 file

Ans: B



8) The shell/s available with the Linux is-

- a) BASH
- b) CSH
- c) KSH
- d) All of the above

Ans: D

9) The system variable PSI stores

- a) Shell name
- b) Our OS type
- c) Our home directory
- d) Our Prompt setting

Ans: D

10) The \_\_\_\_ option with echo command is used to enable interpretation of backlash escapede

- a) -e
- b) -a
- c) -n
- d) -t

Ans: A

11) The symbol used for output redirection is

- a) <
- b) >
- c) #
- d) \$

Ans: B

12) One of the most common commands used with pipes is

- a) Grep
- b) Is
- c) Cat



d) Mkenr

Ans: A

13) Linux is developed by

a) Linux Tanenbaum

b) Andy Tannenbaum

c) Linus Trovlads

d) Andy Torvalds

Ans: C

14) LVM stands for

a) Logical Volume Management

b) Logic Virtual Memory

c) Logical Virtual Management

d) None of the above

Ans: A

15) Each hard disk can contain \_\_\_\_ true partitions.

a) One

b) Two

c) Three

d) Four

Ans: D

16) Disk Parameter block is also called as

a) Media parameter block

b) Volume parameter block

c) Volume Boot Code

d) Media Boot Code

Ans: A

17) The common boot manager which enables multi-booting for many operating systems is –



- a) CRUB
- b) MRUB
- c) GRUB
- d) DRUB

Ans: C

18) To install windows and Linux on your computer.

- a) Install windows first and then install Linux
- b) Install Linux First and then install Windows
- c) Not Possible
- d) None of the above

Ans: A

19) The \_\_\_\_ window is a control panel for the Linux operating system.

- a) System window
- b) Xterm
- c) Tool Window
- d) None of the above

Ans: B

20) The current working directory is represented by

- a) ~
- b) #
- c) \$
- d) >

Ans: A

21) The quotes that are used to evaluate expressions are-

- a) double quotes
- b) Single Quotes
- c) Back Quote
- d) None of the above

Ans: C



22) The character used to redirect the input is-

- a) >
- b) <
- c) :wq
- d) :n

Ans: B

23) The variable used to exit without saving the contents in the vi editor is-

- a) :q
- b) :q!
- c) :wq
- d) :n

Ans: B

24) The variable used to store the size of the shell history in the number of lines is

- a) SIZEHIST
- b) HISTORY
- c) HISTSIZE
- d) None of the above

Ans: C

25) To get the original prompt back, the command issued is

- a) PS1 = “->”
- b) PS1 = ‘#’
- c) PS1 = ‘\$’
- d) PS1 = ‘~’

Ans: A

26) MBR stands for

- a) Master block record
- b) Master boot record
- c) Man block record



d) Man boot record

Ans: B

27) Which one of the following is/are Linux processes?

a) Interactive

b) Automated

c) Daemons

d) All of the above

Ans: D

28) The process which might finish while the parent does not wait for the completion of the process is called \_\_\_\_.

a) Zomble process

b) Zimble process

c) Zamb process

d) Ombile process

Ans: A

29) The \_\_\_\_ command writes a message to all the connected users.

a) Wall

b) Write

c) Allow

d) None of the above

Ans: A

30) The run levels for init are available in \_\_\_\_.

a) /etc/init

b) /etc/inittab

c) /etc/initable

d) None of the above

Ans: B



31) Vi(m) stands for-

- a) Vi mode
- b) Vi Improved
- c) Visual mode
- d) None of the above

Ans: B

32) The location of the definition file for input devices such as a keyboard is defined in \_\_\_\_ variable.

- a) INPUTRC
- b) INPUTRM
- c) INPUTCR
- d) INPUTKY

Ans: A

33) Which tool from the KDE suite eases the audio-CD creation.

- a) Kdeaudiocreator
- b) Kaudiocreator
- c) Kdeaudiodraftor
- d) None of the above

Ans: A

34) The common text tool/s available for adjusting audio is/are-

- a) Aumix
- b) Alsamixer
- c) Both A & B
- d) None of the above

Ans: C

35) The standard mount point for filer systems is

- a) /net
- b) /mnt
- c) /opt





d) /rem

Ans: A

36) To stop a running process in the foreground the command given is \_\_\_\_

a) Ctrl + C

b) Ctrl + X

c) Ctrl + D

d) Ctrl + Z

Ans: A

37) The command to put a job back in the foreground is

a) Bg

b) Fg

c) Foreground

d) Backfg

Ans: B

38) The effective group owner is usually the exception when \_\_\_\_ access mode has been applied to the file.

a) SUID

b) EGID

c) RGID

d) SGID

Ans: D

39) The \_\_\_\_ file manager provides a searchable index of the man and info pages.

a) Nautilus

b) Nautilus

c) Nauti

d) Oqueror

Ans: A



40) The \_\_\_\_ color shows broken links

- a) Blue
- b) Red
- c) Cyan
- d) Flashing Red

Ans: D

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41) The numbers used for reading, write, and execute permissions are-

- a) 4, 2, 1
- b) 2, 1, 4
- c) 2, 4, 1
- d) 4, 1, 2

Ans: A

42) Which of the following are system variables.

- a) SHELL
- b) PWD
- c) LINES
- d) All of the above

Ans: D

43) Every X server has a display name in the form of \_\_\_\_.

- a) Hostname: screen number: display number
- b) Hostname: display number: screen number
- c) Hostname: display name: screen name
- d) None of the above

Ans: B

44) To check whether a string is NULL and does exist, the operator used is

- a) -e string 1
- b) -n string 1



c) -z string 1

d) -f string 1

Ans: C

45) The shortcomings of the Minix file system are

a) 64MB partition size limit

b) Short filenames

c) A single timestamp

d) All of the above

Ans: D

46) The color specified for directories and links in the /etc/DIR\_ colors are

a) Blue and Red

b) Blue and Cyan

c) Pink and Cyan

d) Green and flashing red

Ans: B

47) The command used for filtering input lines and returning certain patterns to the output is-

a) Find

b) Filter

c) Grep

d) Locate

Ans: B

48) To display all the lines containing the word “desktop” of the file applist. Txt, the command used is

a) Cat applist.txt | grep desktop

b) Is applist.txt | grep desktop?

c) Grep desktop | cat.applist.txt

d) Grep desktop | is applist.txt

Ans: B



49) Advantages of Linux are –

- i) it is freely downloadable.
- ii) It is fast scalable, stable, and robust.
- iii) Linux requires large space (500 MB or more)
- iv) It support full multitasking

- a) i, ii, iii
- b) ii, iii, iv
- c) i, ii, iv
- d) All of the above

Ans: C

50) The information present in the Inode consists of-

- i) owner and group owner of the file.
- ii) Number of links to the file.
- iii) Permission on the file
- iv) Number of characters in a file

- a) i, ii, iii
- b) ii, iii, iv
- c) i, ii, iv
- d) All of the above

Ans: C

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Question-1.

Which of the following is an incorrect command?

☐ \$ lpr /etc/passwd

☐ \$ lpq

☐ \$ print /etc/passwd

☒ \$ lprem /etc/passwd

**Incorrect**

Question-2.

Which command adds a new user?

☐ usernew

☒ useradd

☐ newuser

☐ None of these

**Correct**

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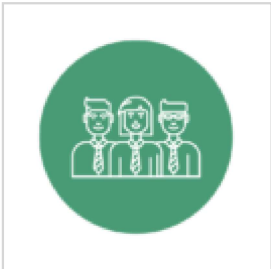
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which really require more  
words to explain.

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☒ It shows the current path where the user is

☐ It shows the passwd file

☐ It shows information about Linux architecture

**Correct**

### Question-4.

What does the history command do?

☐ It shows user information

☐ It hides user information

☐ It hides the history of commands which have been  
executed in the current session

☒ It displays the complete list of commands which  
have been executed in the current session

**Correct**

### Question-5.

How can the version of the Linux kernel be checked?

☐ uname -kernel

☒ **uname -r**

☐ uname -f

☐ kernel -uname

**Correct**

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☐ DD

☐ Delete

**Correct**

Question-7.

Which command changes permissions of files or directories?

☒ **chmod**

☐ changemod

☐ chpermission

☐ usermod

**Correct**

Question-8.

What does the du command do?

☐ It shows disk usage

☐ It shows the details of the currently logged in user

☒ **It shows the disk file size**

☐ None of these

**Correct**

Question-9.

Why is the wc command used?

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☐ It gives the line index

**Correct**

Question-10.

Which of the following is not a valid shell?

☐ bash

☐ tcsh

☐ zsh

☒ **wsch**

**Correct**

Question-11.

What does the following command do?

# whatis cal

☐ It returns a complete description about the cal command

☒ **It returns a one line description about the cal command**

☐ It returns the current date

☐ None of these

**Correct**

Question-12.

Which of the following commands will show you a page-wise listing?

☐ ls /bin | less

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Question-13.

Which of the following commands can be used to display a long listing of files, with a human-readable file size (like 6.8M instead of 6819467)?

☐ ls +ah

☐ ls

☐ ls -l

☒ **ls -lh**

**Correct**

Question-14.

Which is the correct syntax to display the calendar of September 2005?

☒ **cal 9 2005**

☐ calendar 2005

☐ 2005 cal

☐ 9 2005 calendar

**Correct**

Question-15.

What is the purpose of the touch command?

☒ **It creates a new empty file**

☐ It displays the contents of a file

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Question-16.

Which of the following vi commands will save the file and exit forcefully from the vi editor?

☐ wq

☒ :wq!

☐ q!

☐ w!

**Correct**

Question-17.

Who developed Linux?

☐ Sabeer Bhatia

☐ Bill Gates

☒ Linus Torvalds

☐ Linux Redhat

**Correct**

Question-18.

How will you display the fifth man page for the inittab command?

☐ man 6 inittab

☒ man 5 inittab

☐ man 4 inittab

☐ manual 5 inittab

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☒ Yes

☐ No

**Correct**

Question-20.

Which of the following vi commands will discard the changes to the file and exit the vi editor?

☐ wq

☒ q!

☐ w

☐ i

**Correct**

Question-21.

Which of the following commands lets you search for text in a file without opening the file first?

☐ pwd

☐ more

☒ grep

☐ none of the above

**Correct**

Question-22.

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☒ q!

**Correct**

Question-23.

Which of the following commands will create a softlink?

☒ \$ ln -s /etc/test test

☐ \$ ln -softlink /etc/test test

☐ \$ ln /etc/test test

☐ \$ ln -slink /etc/test test

**Correct**

Question-24.

How can you obtain a short description of the ls command?

☐ whereis ls

☒ whatis ls

☐ whatis -ls

☐ whereis -ls

**Correct**

Question-25.

What is the name of the file where groups are added?

☐ /etc/grp

☐ /etc/groups









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