

Q1 Who founded the Linux Kernel?

- (a) Bill Gates
- (b) Ben Thomas
- (c) Richard Stallman
- (d) Linus Torvalds**
- (e) None of the above

Q2 How many extended partitions can exist on one drive?

- (a) 16
- (b) 4
- (c) 2
- (d) 1**
- (e) None of the above

Q3 IP address is a

- (a) Static address
- (b) Dynamic address
- (c) Both (a) and (b)**
- (d) None

Q4 The location of some system configuration and system administrator executable files, is:

- (a) /home
- (b) /proc
- (c) /var
- (d) /sbin**
- (e) None of the above

Q5 By default, one can mount

- (a) CDs onto your device as root**
- (b) Floppy disk onto your device as root
- (c) Pen drive
- (d) Magnetic tapes

Q6 The agency that sits between the user and the LINUX system is called the

- (a) logic
- (b) shell**
- (c) .profile
- (d) .exec
- (e) None of the above

Q7 Which is the earliest and most widely used shell that came with the Linux system?

- (a) C shell
- (b) Korn shell
- (c) Bourne shell**
- (d) Smith Shell
- (e) None of the above

Q8 In Bourne shell, which file sets the Linux environment for the user when the logs into his HOME directory.

- (a) .exec
- (b) .last login
- (c) .profile**
- (d) .mbox
- (e) None of the above

Q9 The seventh field of /etc/passwd is

- (a) password
- (b) login
- (c) shell**
- (d) home
- (e) None of the above

Q10 The Linux file system stores a date in physical blocks of

- (a) 1,024 bytes
- (b) 512 bytes**
- (c) 2,048 bytes
- (d) 256 bytes
- (e) None of the a

Q11 Which of the following is not the component of LINUX?

- (a) CPU**
- (b) Kernel
- (c) Shell
- (d) Utilities

Q12 What hardware architectures are not supported by Red Hat?

- (a) SPARC
- (b) A
- (c) Alpha
- (d) Macintosh
- (e) All of the above**

Q13 How can you add Aman, a new user, to your system?

- (a) Using useradd**
- (b) Using adduser
- (c) Using linuxconf
- (d) All of the above
- (e) None of the above

Q14 How many primary partitions can exist on one drive?

- (a) 16
- (b) 4**
- (c) 2
- (d) 1

(e) None of the above

Q15 How do the user gets the help about the command “cp”?

- (a) help cp
- (b) man cp**
- (c) cd ?

Q1 The location for subdirectories for local programs and executables for user and administrative commands is:

- (a) /usr**
- (b) /tmp
- (c) /opt
- (d) /mnt
- (e) None of the above

Q2 LILO

- (a) stands for Linux boot loader
- (b) is the Linux boot process
- (c) is a tool used to boot the Kernel on x86 hardware**
- (d) All of the above
- (e) None of the above

Q3 Which of the following tool is used to partition your hard drive?

- (a) mkfs
- (b) fdisk**
- (c) fsck
- (d) mount
- (e) None of the above

Q4 What command can be used to get information about yourself?

- (a) which
- (b) pwd
- (c) i/4
- (d) who am i
- (e) None of the above**

Q5 Which of the following file allows the user to change the GUI with networking?

- (a) graphics.target
- (b) graphic.target
- (c) graphical.target**
- (d) multi.target
- (e) None of the above

Q6 What command is used to halt a Linux system?

- (a) init 01
- (b) Shutdown -t
- (c) Shutdown - -y0
- (d) Ctrl+Alt+Del
- (e) poweroff**

Q7 CentOS developed & supported by

- (a) Sun Microsystems
- (b) AT&T
- (c) Red Hat**
- (d) Sun and AT&T jointly

Q8 Which of these is not a Linux Flavor?

- (a) FreeBSD**
- (b) CentOS
- (c) PopOs
- (d) Suse

Q9 Which of the following statement is FALSE?

- (a) Linux supports multiple users
- (b) Linux is an open source operating system and the source code is shared
- (c) Shell perform process based operations with communication of process**
- (d) Shell provides the feature of I/O Redirection

Q10 Which of the following Linux flavor is from canonical ?

- (a) BSD
- (b) Manjaro
- (c) Ubuntu**
- (d) RHE

Q11 Which among the following is used to write small programs to control Linux functionalities?

- (a) Shell Commands
- (b) Shell Script**
- (c) Filters
- (d) C Language

Q12 What control character signals the end of the input file?

- (a) ctrl + a
- (b) ctrl + b
- (c) ctrl + c
- (d) ctrl + d**

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- (b) man echo**
- (c) echo?

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(a) Monolithic

(b) micro

(c) Exo

(d) nano

Q15 To increase the response time and throughput, the kernel minimizes the frequency of disk

access by keeping a pool of internal data buffer called

(a) Pooling

(b) Spooling

(c) Buffer cache

(d) Swapping

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Q.1. Among the following command which is used with vi editors to delete a single character?

A) a

B) x

C) y

D) z

Q.2. Identify the command which is used to remove directories.

A) rd

B) remove

C) **rmdir**

D) rdir

Q.3. In which of the following directory does the configuration files are present?

A) **/etc/**

B) /dev/

C) /bin/

D) /root/

Q.4. Which command is used to display the operating system name

- A) `wc`
- B) **`uname`**
- C) `countw`
- D) `os`

Q.5. Identify the command which is used to display the Linux version.

- A) `uname -n`
- B) `kernel`
- C) `uname -t`
- D) **`uname -r`**

Q.6. What type of installations requires a special boot disk?

- A) FTP
- B) NFS
- C) PCMCIA
- D) **All of the above**

Q.7. Which of the following command is used to change the working directory?

- A) **`cd`**
- B) `changed`
- C) `chdr`
- D) `dr`

Q.8. Which option of `rmdir` command will remove all directories a, b, c if path is a/b/c

- A) `-b`
- B) `-o`
- C) **`-p`**
- D) `-t`

Q.9. Linux is which kind of Operating System?

- A) Multi User
- B) Multi Processes
- C) Multi Tasking
- D) **All of the mentioned**

Q.10. Which of the following commands will allow the user to search contents of a file for a particular pattern

- A) touch
- B) **grep**
- C) find
- D) ls

Q.11. To display index number in first column we use _____ command.

- a) ls -p
- b) **ls -li**
- c) ls -r
- d) ls -R

Q.12. Select command which will create file of specific timestamp (19 August 1996 23.12.21).

- a) touch -t 19August1996231221
- b) touch -p 19August1996231221
- c) touch -d 199608192312.21
- d) **touch -t 199608192312.21**

Q.13. Choose the correct command to copy 2 files from pwd to test directory

- a) cp file1.txt file2.txt /home/test/file.txt
- b) **cp file1.txt file2.txt /home/test/**
- c) cp file1.txt || file2.txt /home/test/
- d) none of the above

Q.14. Choose the correct command to move all the files ending with extension .doc, from pwd to target

- a) mv *.doc /home/target/
- b) **mv *.doc /home/target/**
- c) mv *.*.doc /home/target
- d) mv *.doc* /home/target

Answer: B

Q.15. Which of the following command is used to set read, write & execute permission for user, group & other

- a) chmod 777 file.txt
- b) chmod a+rwX file.txt
- c) chmod u=rwx,g=rwx,o=rwx
- d) **all of the above**

1. What is a popular Linux distribution?

- A) Fedora
- B) Ubuntu
- C) Red Hat Enterprise Linux
- D) **All of the above**

Answer: D) All of the above

2. What is the Linux architecture made up of?

- A) Shell, kernel, and utilities
- B) GUI, command line, and drivers
- C) Libraries, file system, and networking
- D) **All of the above**

Answer: A) Shell, kernel, and utilities

3. What is virtual memory in Linux?

- A) **An area of memory used for temporary storage**

- B) A portion of a hard disk used as RAM
- C) An area of memory used to store files
- D) A portion of a hard disk used to store backups

Answer: B) A portion of a hard disk used as RAM

4. What is swap space in Linux?

- A) An area of memory used for temporary storage
- B) A portion of a hard disk used as RAM
- C) An area of memory used to store files
- D) A portion of a hard disk used to store backups

Answer: A) An area of memory used for temporary storage

5. What is the file system structure of Linux?

- A) Hierarchical
- B) Flat
- C) Network-based
- D) None of the above

Answer: A) Hierarchical

6. What is the boot process of Linux?

- A) Power on, BIOS, boot loader, kernel, init process
- B) Power on, BIOS, operating system, init process
- C) Power on, boot loader, BIOS, operating system, init process
- D) Power on, BIOS, operating system, boot loader, init process

Answer: A) Power on, BIOS, boot loader, kernel, init process

7. What is partitioning in Linux?

- A) Dividing a hard disk into smaller sections
- B) Combining smaller sections of a hard disk
- C) Deleting a section of a hard disk

D) None of the above

Answer: A) Dividing a hard disk into smaller sections

8. What is an absolute path in Linux?

- A) A path relative to the root directory
- B) A path relative to the current directory
- C) A path relative to the home directory
- D) A path relative to the boot directory

Answer: A) A path relative to the root directory

9. What is a relative path in Linux?

- A) A path relative to the root directory
- B) A path relative to the current directory
- C) A path relative to the home directory
- D) A path relative to the boot directory

Answer: B) A path relative to the current directory

10. What are the types of files in Linux?

- A) Executable, text, binary, and symbolic link
- B) Audio, video, image, and document
- C) System, hidden, configuration, and backup
- D) All of the above

Answer: A) Executable, text, binary, and symbolic link

11. What does the command "cut" in Linux do?

- A) Counts the number of characters in a file
- B) Extracts columns from a file
- C) Searches for a pattern in a file
- D) Compares two files

Answer: B) Extracts columns from a file

12. What does the command "awk" in Linux do?

- A) Compresses files
- B) Processes and analyzes text data
- C) Searches for a pattern in a file
- D) Counts the number of characters in a file

Answer: B) Processes and analyzes text data

13. What does the command "grep" in Linux do?

- A) Extracts columns from a file
- B) Processes and analyzes text data
- C) Searches for a pattern in a file
- D) Counts the number of characters in a file

Answer: C) Searches for a pattern in a file

14. What does the command "sort" in Linux do?

- A) Compares two files
- B) Sorts the contents of a file
- C) Searches for a pattern in a file
- D) Counts the number of characters in a file

Answer: B) Sorts the contents of a file

15. What does the command "wc" in Linux do?

- A) Compresses files
- B) Counts the number of lines, words, and characters in a file
- C) Searches for a pattern in a file
- D) Sorts the contents of a file

Answer: B) Counts the number of lines, words, and characters in a file