1. If we are in the directory X and we are running rmdir X being in that

directory X. Will this command successfully removes the directory or not.

* No. first you need to remove all files or directory inside. If you want to remove forcibly rm -rf dir

1. What are daemons?

* It is one type of computer program that run in or as background process rather than working in under control of any user. All daemons have the names that ends with letter “d”. Example: httpd, sshd.

1. What are the different modes when using VI editor?

* VI Editor is one type of linux text editor. There are two modes: Command prompt and Insert mode.

1. What is a grep command?

* It will search for a particular pattern which written with this command.

1. What are the contents of /usr/local?

* It is use by system administrator to install software locally.

1. How cd ~, cd / and cd - are different from each other?

cd~ bring you to your home directory.

cd/ takes you to the entire system’s root directory.

Cd – brings you to your previous directory of the current directory.

1. Which command is used to display the path of the current working

directory?

* Pwd command gives you to whole path of currently working directory.

1. What is the command to run a program with elevated permissions?

* Sudo command

1. How to switch to superuser (root) with elevated permissions?
2. Which command to switch to the root user?
3. Which command is used to switch from superuser to normal user?

* Su command

1. Which command is used to clear the terminal?

* Ctrl + L command

1. Which command is used to create multiple directories simultaneously?

* Mkdir dir command

1. Which command is used to move to parent directory?
2. Which command is used to clear the terminal?

* Ctrl +L

1. Which command is used to create multiple directories simultaneously?

* Mkdir dir

1. Which command is used to move to parent directory?

* mv command

1. Which command is used to display the contents of subdirectories?

* Ls command

1. Which command is used to display the list of content in reverse order?

* Ls -r command

1. Which command is used to display the contents of the parent directory?

* Ls command

1. How to remove directory along with subdirectories?

* rm -r command

1. How to move multiple files of the same extension to a different directory?

🡪 mv file.txt file1.txt file2.txt foldername

23. Which command is used to list the name of files starting from any

particular alphabet or string?

1. How to move multiple files of the same extension to a different directory?

🡪 mv file.txt file1.txt file2.txt foldername

1. What command is used to change the ownership of a file?

🡪 chown filename newname1

1. How to delete a directory forcefully?

🡪 rm -rf dir

1. How to forcefully stop a process which is running in the background?

🡪 killall

1. Which command is used to display the current username?

🡪 whoami

1. How to determine the type of a file?

* File filename

1. Which command is used to create a new empty file?

🡪 touch file.txt

31. Which command is used to display all the file names along with their types

of the current directory?

* ls

32. Which command is used to display all the file names along with their

types of different directory?

🡪 ls ../

33. How to delete a directory recursively i.e. it asks before the deletion on

subdirectories?

🡪 rm -r

34. Which command shows the users that are logged in?

🡪 whoami

35. Which command is used to rename the file?

🡪 mv file1 file2

36. What is the difference between mv and rename?

🡪 mv : you can move file from one location to other.

Rename: can change the name with other name.

37. Which command is used to change the permissions of a file?

🡪 chmod

38. What command is used to show how long it's been since the server was

rebooted?

🡪 last reboot

39. What command is used to get the IP addresses of all interfaces on a

server?

🡪ifconfig

Q U EST IO N S

40. What command is used to change your password?

🡪 passwd

41. What command is used to check whether manual page exists or not ?

Also where it exists?

🡪 man

42. How these commands would be working try and explain (files contain

“hello” word) :

grep -v -i hello file1.txt : try to search for hello in file1 and also ignore case sensitive

grep -i hello file2.txt : try to search hello in file2 with ignoring case sensitive

grep -A 2 hello file2.txt display two line after matching context hello in file2

grep -C 4 hello file1.txt gives you line number matching with context

grep -B 3 hello file1.txt display lines before matching with context in file1

ps -ef | more currently running process with id,task, all information

awk '{print $2,$5;}' employee.txt

43. Practice the following commands:

Shutdown : shutdown system safely

Diff: compare two files and give different script with difference in two files

Sort : it sort the content of file in ascending order.

Ps : it shows you what is the status of your process.

Kill : it kill or stop current background process

Mount : it mounts filesystem making it accessible and attaching it to an existing directory structure.

Nano : use to open text editor and you can write text.

44. How to find where a file is located in Linux?

🡪 find

45. What does echo command do?

🡪 take input as line input