Answer to the Ques. no. - 1

cat is a tool for concertanation. It outputs the

more and less have similarity with eat. But they have differences on how they operate cat outputs the have differences on how they operate cat outputs the full content at once more outputs by window size. full content at once more outputs by window size. less is more controllable and it can output line by line of a file.

cat can be used to output multiple tile at once. En: # cat tiles tiles tiles

Answer to the Q.no,-2

ed: change directory previous directory: # cd.

Amwer to the Q.no.-3

cp /Home/Documents/05/source.txt /Home/Documbods/susT/

using -to

cp /Home/ Documents/05/source.txt /Home/ Downloads/s

cp -t /Home/Downloads/SUST /Home/Documents/OS/source.txt

Answer to the a.no. - 5

15: 11st files and directories

15 - Lak: This command lists all the sites with hidden tites of a directory in long listing format.

15 - P is used to see all folders and files recorded

Answer to the Q. no. - 6

touch can create a file named pub.get 4m -nf deletes all the files and tolders recursively were, -t is used to force and -n used for recursive

Ams . - 7

less - P or after running less we can type '/pattern' toomat where 'pattern' is the target keyword to search

9. B. ZZ can exit lem:x vim has read only and write modes. i can switch to write from read mode.

ANS, - 8

real - time for completion of whole task from same user - time taken at user level (06)

5yn-time toxen at mystem kernel level.

Kill -9 -1: Kill command sends signal number 9 to process id 1 Wrong

Ans. - 9

history I grep 'touch' pud: prints working directory reboot: physican A shutdown -P

Ans. - 10

hellowords.txt: Filerane

-rw-n--r- (U-8-0) permissions 1: number of links ee sha: user 1389: nomber of bytes Mar 32 17:26 date modified

Answer to question no 07 - Second Part

Vim is an editor to create or edit a text file.

There are two modes in vim. One is the command mode and another is the insert mode.

In the command mode, user can move around the file, delete text, etc.

In the insert mode, user can insert text.

From command mode to insert mode type a/A/i/I/o/O.

From insert mode to command mode type Esc

Answer to question no 08 - First Part

where real time is the time from start to finish of the call. It is the time from the moment you hit the Enter key until the moment the **task** command is completed.

user - amount of CPU time spent in user mode. system or sys - amount of CPU time spent in kernel mode.

Answer to question no 08 - Second Part

kill -9 -1

which kill all processes you can kill.

-9 is alternate signal. (option)

PID -1 indicates all processes except the kill process itself and initial. Negative PID values may be used to choose whole process groups.

Answer to question no 10

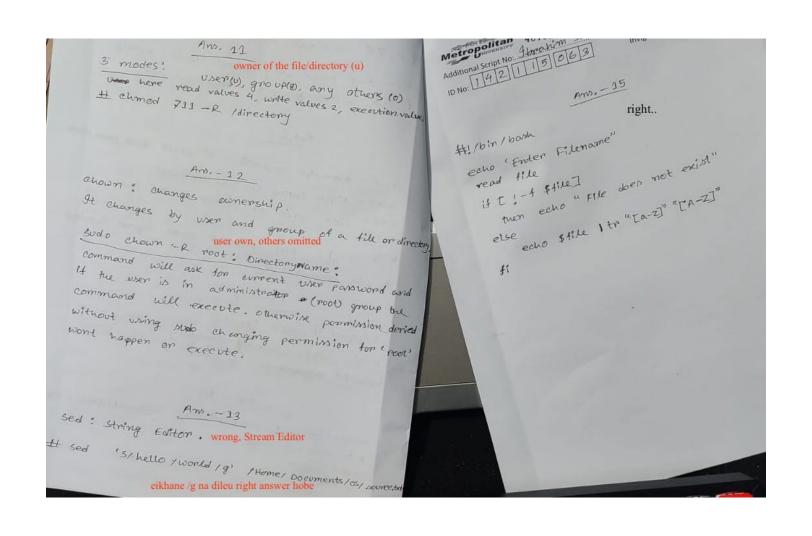
-rw-r--r-- 1 eesha eesha 1389 Mar 31 17:26 hellofile

where

- 1. first '-' represents the file type. "-" for a regular file, "d" for a directory, "l" for a symbolic link.
- 2. rw-represents user's permissions. Read, write, But no execution.

- 3. r- represents group's permissions. Read Only.
- 4. <u>r-- represents other's permissions.</u> Read Only.
- 5. 1, number of hard links for the file.
- 6. eesha user.
- 7. <u>eesha group.</u>
- 8. 1389, size of the file in blocks. 1389 byte actually.
- 9. Mar 31 17:26 (last modified time)
- 10. hellofile, file name

Messenger



Answer to question no 15

```
echo -n "Enter your filename"
read filename
if [ ! -f $filename]
    then echo "File doesn't exits"
exit 1
fi
command
tr '[a-z]' '[A-Z]' < $filename</pre>
```

Answer to question no 16

```
echo "Enter a String"
read string
echo "Enter sub-string starting point to cut?"
read spoint
echo "Enter sub-string length?"
read length
echo {string:spoint:length}

14.b
echo "Enter a String"
read string
echo ${#string}
```