**Sessional Tests: 40 Marks**

10 MCQ- 1 Mark each

5 MCQ- 2 Marks each

4 Submission- 5 Marks each

**Section - A**

**(Q1 to 10: Each question carries 1 mark)**

**Q.1.** Identify the command which is used to remove files.

1. delete
2. rm
3. dm
4. erase

**Q.2.** Total primary partitions that can exist on one drive is\_\_\_\_\_\_\_\_\_\_\_\_\_

1. 1
2. 2
3. 16
4. 4

**Q.3.** GNU stands for \_\_\_\_\_\_\_\_\_\_\_.

1. Greek Needed Unix
2. General Unix
3. GNU’s Not Unix
4. General Noble Unix

**Q.4.** Where is the user password stored?

1. /etc/passwd
2. /root/password
3. /etc/password
4. /root/passwd

**Q.5.** Which of the following sign is used to represent the user home directory?

1. /
2. ~
3. .
4. ..

**Q.6.** Which of the following command is used to sort the lines of data in a file in alphabetical order?

1. sh
2. sort -r
3. sort
4. st

**Q.7.** Which of the following command can force all buffers to disk?

1. save
2. flush
3. edbuff
4. sync

**Q.8.** Which of the following commands is used to display and create files?

1. cat
2. lyrix
3. vi
4. ed

**Q.9.** Which among the following interacts directly with system hardware?

1. Shell
2. Commands
3. Kernel
4. Applications

**Q.10.** Which option of rm command is used to remove a directory with all it’s sub directories

1. -b
2. -o
3. -p
4. -r

**Section - B**

**(Q11 to 15: Each question carries 2 mark)**

**Q.11.** Select the command which is used to create five directories at a time in pwd.

a) mkdir -p f1 f2 f3 f4 f5

b) mkdir f1 f2 f3 f4 f5

c) a and b

d) none of above

**Q.12.** To create multiple files at a time we use \_\_\_\_\_\_\_ command.

a) touch file1.txt file2.txt file3.txt

b) touch file{1..3}.txt

c) touch file1.txt && touch file2.txt && touch file3.txt

d) all of the above

**Q.13.** To check the list of files which are updated within last 30 minutes

a) find -30 mmin

b) find mmin -30

c) find . -mmin -30

d) find . -30 -mmin

**Q.14.** To move all files from source directory to target directory

a) mv /home/source/\* /home/target/\*

b) mv -a /home/source/.\* /home/target/

c) mv -a /home/source /home/target/

d) mv /home/source/\* home/target/

**Q.15.** Which of the following command is used to display number of characters in particular file

a) wc -c file.txt

b) wc -l file.txt

c) wc -w file.txt

d) wc -ch file.txt

**Section - C**

**(Q16 to 19: Each question carries 5 mark)**

**Q.16.** Check the default runlevel of your system (1mark), also check all target files available (2 marks) and change the default runlevel to runlevel3 (2marks).

**Ans:**

1. systemctl get-default
2. systemctl list-units --type=target
3. systemctl set-default runlevel3.target

**Q.17.** create a file file.txt (1 mark)

rename file.txt to first.txt (1 mark)

view the content of the first.txt in reverse order (last line first, first line last) (1 mark)

view the content only of line number 10 from first.txt (1 mark)

delete first.txt file (1 mark)

**Ans:**

1. touch file.txt
2. mv file.txt first.txt
3. tac first.txt
4. head -10 first.txt | tail -1
5. rm first.txt

**Q.18.** Display the text from file.txt with line numbers (including blank lines) (1 mark)

Display the text from file.txt with line numbers (excluding blank lines) (1 mark)

Display the count of words in file.txt (1 mark)

Display the count of character in file.txt (1 mark)

Display only starting 5 lines from file.txt (1 mark)

**Ans:**

1. cat -n file.txt
2. nl file.txt
3. wc -w file.txt
4. wc -c file.txt
5. head -5 file.txt

**Q.19.** Find pattern “abc” from the test.txt (1 mark)

Display the count of “hi” in the file test.txt (1 mark)

Display all lines which are not containing “hello” in it from file test.txt (1 mark)

Display text containing ‘hi’ with line numbers from test.txt (1 mark)

Display the count of ‘hello’ irrespective of it’s case (lower / upper) (1 mark)

**Ans:**

1. grep ‘abc’ test.txt
2. grep -c ‘hi’ test.txt
3. grep -v ‘hello’ test.txt
4. grep -n ‘hi’ test.txt
5. grep -ic ‘hello’ test.txt