Section : A

[OBJECTIVE]

1. **\_\_\_\_\_\_\_\_\_\_\_** is the default browser of linux
2. Linux is primarily derived from the **\_\_\_\_\_\_\_** operating system.
3. The official mascot for Linux is the Linux penguin, called **\_\_\_\_\_\_\_\_\_\_\_**
4. \_\_\_\_\_\_\_\_is the default desktop environment.
5. The commands in Linux are case-sensitive**(True/False)**
6. %M option in date command is use Displays month of the year in digits (**True/False**)
7. -l option in who command is used to**\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
8. The**\_\_\_\_\_\_\_\_\_\_\_\_\_** command is used to display the currently running processes in the Linux system.
9. Full form of grep is **\_\_\_\_\_\_\_\_\_\_\_\_\_**
10. Two commands can be combined by separating them with a semicolon.(**True/False**)
11. **\_\_\_\_\_\_\_\_** command consult a database before searching for a file?
12. **\_\_\_\_\_\_\_** is called heart of an OS
13. To add users, a user must log in as a root user(**True/False**)
14. **\_\_\_\_\_\_\_\_\_\_\_** command is used for viewing memory utilization
15. **\_\_\_\_\_\_\_\_\_\_\_\_** is an intermediary program that interprets the user-typed commands at the terminal.
16. User accounts and UIDs are stored in the **\_\_\_\_\_\_\_\_\_\_\_\_\_** file

Section : B

[practical]

1. What would be the output: **[student@localhost ~]$ !!**
2. Syntax to see the users of a perticular group?
3. The output of the who command contains four columns explain them?
4. What would be the output of the following command explain in your own words…  **ls -a -F /home/**
5. Write down the syntax to Change only the modification time of a file.

Hint: using touch command

1. What would be the output of following command

**$ ls -l | tr -s “ “ | cut -d” “ -f9,5**

1. What would be the output: **mkdirvrs{Aa,Bb,Cc,Dd,Ee}**
2. How can you Display the home directory in terminal?
3. What would be the output: **echo $HOME && ls**
4. How can you remove multiple files from desktop in one go?
5. While copying if Prompt is requird before overwriting a file or directory which command and option is to be used ?
6. Which command is used to rename a file/directory?
7. Syntax to change the date of te system?
8. How can you Decompress the abc.gz file in the same directory?
9. What would be the output: **ln -s doc1.txt doc\_short**
10. Write code to take number from user and print its table.
11. Write code to take 2 numbers from user and print their product.

Section : C

[THEORY]

1. List few common options available with the ls command with brief explanation.
2. Define In detail about the different type of permissions given to the different users and how to revoke them?
3. Explain the usage of dir and vdir commands.
4. Write down the syntax to Change only the modification time of a file. Hint: using touch command.
5. List the options of more commands.
6. Difference b/w kill and killall.
7. Explain tty command.
8. Explain in details all the filters.
9. Explain modes of vi text editor and how do we switch between them?
10. What is the difference b/w input redirection and output redirection.
11. Use of update db command.
12. What is File globbing?
13. What is the meaning of cvf in tar cvf command?
14. What is the difference b/w hardlink and symbolic link?
15. File system can divide files into different categories. Explain them.
16. What do you understand by the concept ofCommand substitution with back quotes explain with example.
17. What do you understand by the cncept of shell scripting explain the procedure of creating and executing a script file.