

INTRODUCTION TO LINUX

Time : 3 Hours

Maximum Marks : 90

Note : Attempt five questions in all. Select one question from each unit. Q. No. 1 is compulsory.

(Compulsory Question)

1.
 - a) Linux supports many Desktops. Name any two.
 - b) What type of files are associated with dev, bin, etc.?
 - c) Discuss mv and cp.
 - d) What is the use of pwd, who commands?
 - e) Define commands to remove and change Directory.
 - f) Discuss use of chmod.

Unit-I

2.
 - a) Discuss Layered architecture of Linux.
 - b) Write basic features of Linux.
 - c) Differentiate Linux with Windows.
3.
 - a) Discuss logging in feature of Linux with various categories of users.
 - b) Discuss Terminal Window.
 - c) Write a few applications available in Linux.

Unit-II

4. a) What a File-system support available in Linux?
Discuss use of Home, usr directories.
b) Discuss the following file-commands:
wc, ls, lp, cal.
5. Explain the following commands:
more, piping, ps, kill, cat, who.

Unit-III

6. a) Discuss Batch command with an example.
b) Explain use of cron, at, Nohup.
7. a) Discuss Inode.
b) Define du, df, time.
c) Discuss various file-system types.

UNIT-IV

8. a) Explain Editing features of vi.
b) Discuss loops in Linux.
9. a) Write a Shell program to find smaller of two numbers.
b) Write a Shell program to find factorial of a number.

