

INTRODUCTION TO LINUX

Time : Three Hours

Maximum Marks : 90

Compulsory Question

1. Attempt all the following :

- (a) Which type of files are associated with Directories: Usr, etc, dev.
- (b) Write command to change permission of file X to 645.
- (c) Define CP command.
- (d) What is the use of 'Who am i' and 'Pwd' command?
- (e) Discuss Is P*.
- (f) Define commands to create and remove directory.

3×6=18

UNIT-I

2. Explain Linux as a Multiuser environment with its architecture. 18
3. (a) Discuss various types of users tan can login in Linux.
- (b) Discuss Shut-down process.
- (c) Compare Linux with Windows. 18

UNIT-II

4. Discuss of files in Linux, and explain the following file commands : cal, lp, cat, sort, ls. 18
5. Explain the following with example : More, Piping, grep, uniq, kill, diff. 18

UNIT-III

6. Discuss the following features :
 - (a) Starting a Process
 - (b) Process creation
 - (c) Initialising a Process 18
7. (a) Discuss Inode.
- (b) Define df, du, at
- (c) Discuss use of cron, batch. 18

UNIT-IV

8. Linux supports many Editors. Explain any *one* Editor with its editing features. Also discuss Terminal window. 18
9. (a) Write Shell program to add and multiply 2 variables.

(b) Discuss the concept of Control structures in Linux.