

B. Voc. (Hardware and Networking)
Fifth Semester
HWN-503: Linux Operating System

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Briefly explain the following:-

- a) grep and who command
- b) Shell
- c) Wildcard Characters
- d) Pipes

(4x2)

UNIT – I

II. a) Explain the structure of Linux Operating System.

b) Explain chmod command along with its options.

(4,4)

III. What is Linux File System? Explain any five Linux files and directory commands with examples.

(8)

UNIT – II

IV. Explain the following filters with examples:-
head, pr, cut, sort, uniq, tee

(8)

V. Define a process. Explain at least three process management commands with examples.

(8)

UNIT – III

VI. Describe the working and use of vi editor in Linux with the help of Add, Delete, Find and Replace commands.

(8)

VII. Explain the following commands:-
mesg, news, talk, pine, finger

(8)

UNIT – IV

VIII. Discuss the role of System Administrator in managing user accounts and changing permissions.

(8)

IX. a) How is File System Mounting done in LINUX?

b) What is backup? How can backups be taken in LINUX?

(4,4)

x-x-x