

2124
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. Attempt the following:-

- a) What is the kernel in Linux?
- b) How do you use the grep command?
- c) Which key moves the cursor to the end of a line in vi?
- d) What is the difference between local and remote backups in Linux? (4x2)

UNIT - I

- II. Discuss the detailed breakdown of the Linux Architecture. (8)
- III. Explain any four directory commands in detail with example. (8)

UNIT - II

- IV. What is a process in Linux? Explain the various commands for process management? (8)
- V. What is a filter? Illustrate all filters with appropriate examples? (8)

UNIT - III

- VI. Define vi Editor and explain its modes. (8)
- VII. What is remote access? Describe about few communication utilities. (8)

UNIT - IV

- VIII. What are the key responsibilities of a Linux system administrator in maintaining the security of a system? (8)
- IX. What are the minimum hardware requirement to install a Linux operating system. Discuss the steps to install the Linux operating system. (8)

x-x-x