

2123

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

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I. Write a short note on:-

- a) Kernel
- b) VI editor
- c) Role of network administrator
- d) Parent and child process

(4x2)

UNIT - I

II. Discuss Linux Operating System and its features. Also, explain the structure of Linux operating system. (8)

III. Write about the following Linux commands by giving their syntax, use and example:

- a) cat
- b) pwd
- c) cmp
- d) chmod

(4x2)

UNIT - II

IV. What are filters and pipes? Discuss any four filter and pipe commands with proper syntax and example. (8)

V. Discuss the following:

- a) process status
- b) premature termination of process

(2x4)

P.T.O.

UNIT - III

- VI. What is VI editor in Linux Operating system? How you can perform text deletion, text movement and text filtering in it? (8)
- VII. What are different communication commands available in Linux Operating system? Explain any four. (8)

UNIT - IV

- VIII. How you can manage following settings of user account in Linux Operating System:
- a) Adding and deleting users
 - b) Changing permissions and ownerships (2x4)
- IX. Write the complete procedure steps to install Linux Operating System. Also give its installation requirements. (8)

x-x-x