

1127

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. Write short note on:-

- a) chmod
- b) Process status
- c) Connecting to remote machine
- d) Role of system administrator

(4x2)

UNIT – I

II. Define Linux Operating System. Discuss the features and architecture of Linux Operating system in detail. (8)

III. Discuss (Eight) Linux commands by giving their syntax, purpose and example of each command (8)

UNIT – II

IV. Write short note on:-

- a) Multiple jobs in foreground and background
- b) Premature termination of process

(2x4)

V. What do you mean by filter and pipes in Linux Operating system? Discuss *grep*, *unique*, *paste* and *we* commands in detail. (8)

UNIT – III

VI. Discuss VI editor in Linux Operating system. How different operation on 'text' can be performed using VI editor. (8)

VII. Discuss following commands of communication in Linux:

- a) write
- b) finger
- c) vacation
- d) talk

(4x2)

P.T.O.

(2)

UNIT - IV

VIII. Write short note on:-

- a) file system mounting
- b) partition of hard drive

IX. Discuss the steps and requirements to install Linux Operating system in detail

x-x-x