

Exam Code: 1310  
Sub. Code: 9540

1128

**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. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Write short note on:-

- a) Linux Operating System
- b) Termination of process
- c) Creating and editing files
- d) Managing user accounts

(4x2)

**UNIT - I**

II. Discuss the features of Kernel and Shell in Linux Operating System. (8)

III. Discuss the following Linux commands by giving their syntax, purpose and example:

- a) cat
- b) mkdir
- c) pwd
- d) more

(8)

**UNIT - II**

IV. Discuss (eight) Filters and Pipes commands by giving their syntax, purpose and example. (8)

V. Discuss following mathematical commands:

- a) bc
- b) expr
- c) factors
- d) units

(8)

P.T.O.

(2)

**UNIT – III**

- VI. How following operations can be performed using VI editor- in Linux Operating system:  
a) text deletion  
b) filtering text (8)

- VII. Discuss following commands of communication in Linux:  
a) news  
b) pine  
c) mesg  
d) mail (8)

**UNIT – IV**

- VIII. Discuss various roles performed by System Administrator in Linux Operating System. (8)
- IX. Discuss the following operations:  
a) Partitioning the Hard Disk  
b) System startup and shut down Process (8)

x-x-x