

2021
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 notes on the following:-

- a) Features of Shell
- b) Parent and child process
- c) VI Editor
- d) Ipstat

(4x2)

UNIT – I

II. How Linux Kernel access files? Also discuss the structure of file system in Linux Operating system. (8)

III. Discuss the any Eight Linux commands for files and directories. (8)

UNIT – II

IV. Discuss the concept of Filters and Pipes. Explain any four commands by giving example for each command (8)

V. Discuss the following in detail:-

- a) Mathematical commands
- b) Premature termination of a process

(4x2)

UNIT – III

VI. How text movement and yanking text can be performed using VI editor. (8)

VII. Discuss the concept and commands which are used for vacation and connecting to remote machine in Linux. (8)

UNIT – IV

VIII. How the System Administrator manages users accounts in Linux Operating System. (8)

IX. How the System startup & shut down process and File mounting system is done in Linux Operating System (8)

x-x-x