

Exam Code: 1311

Sub. Code: 9239

2022

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 notes on the following:-

- a) Boot block
- b) Mathematical Commands
- c) File system mounting
- d) Partitioning of Hard drive

(4x2)

UNIT - I

- II. What is Linux operating system? Explain the basic architecture with the help of diagram. (8)
- III. Explain the various commands for file management operations in Linux. (8)

UNIT - II

IV. Explain the following commands with syntax and use:

- a) grep
- b) sort
- c) cut
- d) paste

(4x2)

- V. What do you understand by a process? Explain the various commands related with process. (8)

UNIT - III

- VI. How can we create and edit files with VI editor? Explain various commands with syntax. (8)

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(2)

- VII. Discuss the various communication commands available in Linux operating system. (8)

UNIT - IV

- VIII. Explain the role of a system administrator with the help of various commands related with this. (8)

- IX. Explain the installation process of Linux system in detail. (8)

x-x-x