

L-22/2050
LINUX ADMINISTRATION-222
(Semester-IV)

Time : Two Hours]

[Maximum Marks : 70

Note : Attempt any *four* questions. All questions carry equal marks. Use of non-programmable calculator is allowed.

- I. How Linux has evolved over the years to the present version ? Explain its Technical advantages.
- II. While installing Linux, how the swap space is located and file-system partition is done ? Explain.
- III. Explain various command options and Parameters for Linux Operating system.
- IV. How file permissions are granted in file and directory ownership ? Explain in detail.
- V. Write a shell script to demonstrate the use of repeat statement.
- VI. Write some salient features of Vi editor.
- VII. What do you understand by X free 86 software distribution for X-window configuration ? Explain.

VIII. Discuss the role of system administration for Linux operating system.

IX. Attempt any *seven* questions :

- (a) Creating the Boot disk.
 - (b) Virtual Terminals.
 - (c) LILO Boot Manager.
 - (d) Important directories in Linux file system.
 - (e) Positional Parameters and Built-in shell variables.
 - (f) Video Cards.
 - (g) TCP/IP.
 - (h) Network Security Firewalls.
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