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SUBJECT CODE NO:- H-398
FACULTY OF SCIENCE AND TECHNOLOGY
S.E (CSE/IT) (Sem-I)
Linux Operating System
(Revised)

[Time:Three Hours]**[Max.Marks:80]**

Please check whether you have got the right question paper.

N.B

1. Q.1 from section A and Q.6 from section B are compulsory.
2. From the remaining solve any two questions from each section.

Section A

- | | | |
|-----|--|----------|
| Q.1 | Describe any five questions | 10 |
| | <ol style="list-style-type: none"> a) Explain “mv” command b) How to delete line in VI Editor. c) How to insert the data in VI Editor. d) Enlist any four application areas of Linux Operating System. e) How to locate the files in Linux. f) Sed command with options. | |
| Q.2 | <ol style="list-style-type: none"> a) Explain the use of regular expression with grep and awk. b) What is Process? How to set priority for processes. | 07
08 |
| Q.3 | <ol style="list-style-type: none"> a) Explain the disk partition management in Linux. b) How user can change the permissions of files using chmod command. Explain with example. | 07
08 |
| Q.4 | <ol style="list-style-type: none"> a) Explain file and directory handling commands with example. b) Which command is used for listing file attributes? Explain briefly the significance of each filed of output. | 08
07 |
| Q.5 | <ol style="list-style-type: none"> a) Explain the various features of Linux. b) Explain boot process and run level in Linux? | 08
07 |

Section B

- | | | |
|-----|--|----|
| Q.6 | Describe any five questions | 10 |
| | <ol style="list-style-type: none"> a) Explain the use of ping command and ifconfig command. b) Which port numbers are use for FTP and HTTP services. c) Variable Assignment in shell script. d) Number comparison in shell script e) cpio command | |

f) dump command

- Q.7 a) Write short note on samba for sharing and accessing files in network. 08
b) Explain the use of network services in Linux. 07
- Q.8 a) Explain the installation and configuration of FTP server. 08
b) Explain in detail use of web server in Linux. 07
- Q.9 a) Write a shell script to check given number is even or odd number? 07
b) What are the different kinds of loops available in shell script? Explain with an example. 08
- Q.10 a) Explain the “tar” command and “restore” command with example. 08
b) Write a short note on generating the reports on system utilization for processor, memory and disk. 07