

Roll No.

Total Pages : 2

BT-7/DX

8774

LINUX FOR INFORMATION
TECHNOLOGY APPLICATIONS

Paper : IT-451

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt any five questions.

1. (a) Explain the steps for managing Kernel Modules at runtime. 8
(b) Enumerate the important features of Linux operating system. 7
2. (a) Explain the working of ARP protocol. 8
(b) Explain the various IP04 address classes. 7
3. (a) Discuss the various application of LDAP. 8
(b) Compare the important features of GRUB and NT boot loaders. 7
4. (a) Explain the use of NAT with suitable example. 8
(b) Explain the various types of Servers involved in DNS hierarchy. 7
5. (a) Explain and compare the important features of IMAP and POP3 servers. 8
(b) What are Linux clusters ? Explain the clustering tool with example. 7

6. (a) Explain the important features of SAMBA server. 8
(b) Explain the grep command with example. 7
7. (a) Explain the functioning of RPC with example. 8
(b) Describe the various layers of TCP/IP protocol suit. 7
8. Write short notes on the following :
(a) LILO.
(b) Process.
(c) Groups and Users. 5+5+5=15