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LINUX FOR INFORMATION TECHNOLOGY APPLICATIONS

Paper–IT-451

Time Allowed : 3 Hours]   [Maximum Marks : 75

Note : Attempt any **five** questions.

1. (a) Explain the important features of Linux operating system.   10

    (b) Explain Kernel configuration and compilation.   5

2. (a) Explain various classes of IPGU addresses.   10

    (b) Explain the important features of telnet.   5

3. (a) Discuss the LDAP applications in brief.   10

    (b) Explain the important features of Samba Server in brief.   5

4. (a) List the important features of SMTP services. Explain the SMTP message communication with example.   10

    (b) What are iptables? Explain their use.   5

5. Explain the use of the following commands with suitable examples :

    (a) arp

    (b) if config

    (c) netstat.   5×3=15

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6. (a) Differentiate GRUB and LILO boot loaders.   10

    (b) Explain Linux file system and directories.   5

7. (a) Explain the important features of NETBIOS.   5

    (b) Explain the functions of awk and grep in Linux with examples.   10

8. Write short notes on the following :

    (a) tcp-wrappers

    (b) MPI

    (c) DNS.   5×3=15

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