

TIME : 3 Hours

Max.Marks : 100

PART – A

(20 x 2 = 40 MARKS)

ANSWER ALL QUESTIONS

1. Explain "ps" commands along with its attributes.
2. Explain the syntax for identifying the hard disk in a system. Mention the notation to point out the E:\ of a SCSI hard disk
3. Define PIC.
4. How to assign a user namely u1 and u2 to the group g2 and g1 respectively.
5. How to install software from binary package?
6. Mention the commands used for copying the data from disks.
7. Define CUPS.
8. What are techniques used to install firewall in Linux?
9. What are differences between shared and static libraries?
10. Why update operation done before commit in repository?
11. Mention the advantages of CVS.
12. Write the procedure to send an email with an attachment.
13. Define autogen.
14. Mention the advantages of X windows.
15. Write the features of GRUB loader.
16. Define X.
17. What are the different types of buttons used in gtk+?
18. What are the various ways to embedded php in HTML coding?
19. Mention the purpose of back trace in ddd.

20. What are the features of Qt?

PART – B

(5 x 12 = 60 MARKS)

ANSWER ANY FIVE QUESTIONS

21. a Explain about OS booting process in Linux. 6  
b List the commands for extracting the Configuration and Logging in details 6
22. a Describe about the samba file server configuration in Linux. 6  
b Explain the steps involved in installing the software from source code. 6
23. a Explain about squirrel mail configuration in Linux. 6  
b Describe about CUPS architecture used in Printer 6
24. a Describe about the setting up a firewall in Linux 8  
b Explain about gcc compiler 4
25. a Describe about the Source code versioning and its management tools. 8  
b What are the steps to be followed in making a file? 4
26. How to create a shared and static library in Linux and explain it with an example
27. a Explain about X window server architecture. 6  
b Write about python programming 6
28. a Describe in detail about Valgrind 8  
b Explain with suitable example about dynamic shared object libraries 4

\*\*\*\*\*THE END\*\*\*\*\*