



**K23U 1077**

Reg. No. : .....

Name : .....

**IV Semester B.C.A. Degree (CBCSS – OBE – Regular/Supplementary/  
Improvement) Examination, April 2023  
(2019 Admission Onwards)  
Core Course  
4B10BCA : LINUX ADMINISTRATION**

Time : 3 Hours

Max. Marks : 40

**PART – A**

Short answer. Answer **all** questions.

**(6×1=6)**

1. What is free software ?
2. Write the command for creating a directory in Linux.
3. How to change the file permission ?
4. What is bourne shell ?
5. What is 'cp' command ?
6. What is X Windows ?

**PART – B**

Short essay. Answer **any 6** questions.

**(6×2=12)**

7. Explain different types of files in LINUX.
8. What is command mode in Vi Editor ?
9. Explain the commands for copy and paste.
10. Differentiate relative and absolute pathnames.
11. Differentiate /etc/bashrc and ~/.bashrc.

**P.T.O.**





12. Explain Kernel in Linux.
13. Explain cron command.
14. What are service commands ?

PART – C

Essay. Answer **any 4** questions.

(4×3=12)

15. What are different types of shells in Linux ?
16. Explain the shell scripting variables and parameters.
17. Write the steps to change password in Linux.
18. What are the different modes used in Vi editor ?
19. What is shell function ?
20. Explain tmpwatch command.

PART – D

Long essay. Answer **any 2** questions.

(2×5=10)

21. Write the features and benefits of Linux.
  22. Explain the various editing commands in Vi.
  23. Explain the different control structures in Linux.
  24. Explain the backup types in Linux.
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