



K26U 1131

Reg. No. :

Name :

IV Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Supplementary/
Improvement) Examination, April 2026
(2020 to 2023 Admissions)
Core Course
4B10BCA : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

PART – A

Short Answer. Answer **all** questions.

(6×1=6)

1. What are the benefits of Linux ?
2. Write the command for creating files in Linux.
3. Explain Pipes.
4. What is shell ?
5. What is syslog ?
6. What is 'tar' command ?

PART – B

Short Essay. Answer **any 6** questions.

(6×2=12)

7. Explain type of users in Linux.
8. What is insert mode in Vi Editor ?
9. Explain the file listing command.
10. Explain ~/.bash_profile.
11. Explain shell case.
12. Differentiate between bourne and bash shell.

P.T.O.



13. How to start and stop different services ?

14. What is differential backup ?

PART – C

Essay. Answer **any 4** questions.

(4×3=12)

15. Explain the command for copying file.

16. Explain the different ls commands.

17. Explain the characteristics of open source software.

18. Explain the shell 'until' loop.

19. Explain various service commands used in Linux.

20. Explain MBR.

PART – D

Long Essay. Answer **any 2** questions.

(2×5=10)

21. Explain the various users in Linux.

22. Explain the different Vi editing commands.

23. What is open source software ? Explain the free software concepts.

24. Explain in detail the major services in Linux system.
