



K21U 1076

Reg. No. :

Name :

**IV Semester B.C.A. Degree CBCSS (OBE) Regular Examination, April 2021
(2019 Admission Only)**

Core Course

4B10BCA : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

PART – A

Short answer. Answer **all** questions :

(6×1=6)

1. What are two types of Linux User Mode ?
2. What is pipe ?
3. Which command is used to delete the current line ?
4. Which command is used to view the disk usage within a directory ?
5. What do you understand by Linux Kernal ?
6. What is BASH ?

PART – B

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

(6×2=12)

7. What are the basic components of Linux ?
8. What is the use of cron command in Linux ?
9. Which are the Shells used in Linux ?
10. What does a nameless (empty) directory represent ?
11. What are the key features of the bourne shell ?
12. Define Bourne shell scripts.
13. Why Linux is called free software ?
14. What are shell variables ?

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PART – C

Essay. Answer **any 4** questions :

(4×3=12)

15. How do you copy and move a file in Linux ?
16. What is Xwindows in Linux ?
17. What is a shell in programming ?
18. What is wild-card interpretation ?
19. What are the different modes when using vi editor ?
20. What is the command to change the group ownership of a file ?
Write its syntax.

PART – D

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

(2×5=10)

21. Explain conditional control structure in linux.
22. What are the different Linux system backup types ? How are they different ?
23. Explain file management commands.
24. Explain free software concepts.