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TB244340O

Reg. No :.....

Name :.....

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2022 ADMISSIONS REGULAR

SEMESTER IV - CORE COURSE (COMPUTER APPLICATIONS)

CA4B08B18 - Linux Administration

Time : 3 Hours **Maximum Marks : 80**

Part A

I. Answer any Ten questions. Each question carries 2 marks **(10x2=20)**

1. Illustrate the advantage of open source.
2. Give the importance of \root directory.
3. What is the use of \mnt directory.
4. The system calls in Linux are written in which language ?
5. Explain the different modes in vi editor.
6. Identify any two features of Linux Operating system.
7. Which are the two modes vi editor ?
8. Explain automatic processes.
9. What do you mean by batch commands ?
10. Define the term super user ?
11. What is pattern checking?
12. Differentiate tr and pr ?

Part B

II. Answer any Six questions. Each question carries 5 marks **(6x5=30)**

13. Explain Logging in and Log out process in Linux
14. Discuss the expr command in Linux in detail.
15. Explain relational and logical operators in Bourne shell with examples.
16. Explain command line arguments .Write a shell script to list and find the sum of numbers using command line arguments.
17. Discuss shell functions with syntax and examples.
18. How can we implement and remove packages in Linux.
19. Illustrate chown command with example.
20. Explain DNS
21. Write short note on Apache server

Part C

III. Answer any Two questions. Each question carries 15 marks **(2x15=30)**

22. Classify Linux File system system in detail.
23. Explain conditional statements in Linux with syntax and examples .
24. Discuss the following a) Checking and monitoring system performance. b) Common administrative tasks
25. Explain a) Configuration of servers b) Apache web server c) DHCP server .