

TB245607P

Reg. No :

Name :

**BACHELOR'S DEGREE (C.B.C.S.) EXAMINATION, FEBRUARY 2024
2021 ADMISSIONS SUPPLEMENTARY (SAY)
SEMESTER V - GENERAL B.VOC S.W.D
VSD5G10B18 - Linux Operating Systems**

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. List out any two important features of Linux OS.
2. Illustrate the advantage of open source.
3. Differentiate cp and rm commands
4. Describe VI Insert mode.
5. Define Orphan Process.
6. Define a Shell.
7. Discuss the functions of a System Administrator.
8. Recall the command used to change permissions and ownership of files.
9. Explain if condition with example.
10. List out the relational operators in Linux Operating Systems.
11. Explain Squid.
12. Explain Client-Server Model.



Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. What is Ubuntu? What are the features of Ubuntu ?
14. Relate Boot block , Super block, Inode table.
15. Explain in detail wc command in Linux.
16. List the fields described by ps command.
17. State the duties and responsibilities of a Super user.
18. Compare and Contrast Symbolic and Absolute mode in Linux Operating System.
19. Discuss let command.
20. Write a Shell Script to multiply two numbers.
21. Discuss different servers.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain in detail the components of Linux Operating System
23. Discuss the following commands, i) kill ii) who iii) touch iv) wc v) any print commands.
24. Explain the commands for adding and deleting users and groups.
25. Explain in detail Shell Conditional statements, Loops and Function with suitable examples.