B. Voc. DEGREE (C.B.C.S.) EXAMINATION, NOVEMBER 2022
2020 ADMISSIONS REGULAR AND 2019, 2018 ADMISSIONS SUPPLEMENTARY
SEMESTER V - GENERAL COURSE (SOFTWARE DEVELOPMENT)
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. Differentiate cp and rm commands

2. List out any two options of ls command with syntax and example.

3. Identify the command for creating a directory and discuss with the syntax.

4. Relate Foreground Process and Background Process

5. Define Daemons.

6. Recall the command to evaluate expressions in Linux? Give example.

7. State the use of useradd command.

8. Name the command used to change file permissions.

9. Elaborate on VI insert mode.

10. Elaborate on VI Command mode.

11. Recall DNS.

12. Recall DHCP.

Part B

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

13. Explain the advantages of Linux Operating System.

14. List out different layers of Linux Architecture.

15. Discuss Linux uniq command.

16. Explain in detail sort command in Linux.

17. List out any four filter commands in Linux Operating System.

18. sketch user management scenario in Linux Operating System.

19. Define a Shell. List out different types.

20. Write a shell script to check whether a given number is Odd or Even.

21. Explain DNS and FTP.

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. Categorize the types of Process in Linux.

24. Discuss the role of System Administrator.

25. Differentiate between different shells in Linux Operating Systems.