

TB154615A

Reg. No:

Name:

B.VOC. DEGREE (C.B.C.S.S.) EXAMINATION, MARCH 2017
SEMESTER IV – CORE COURSE (SOFTWARE DEVELOPMENT)
VSD4S11TB – OPEN SOURCE PLATFORMS (LINUX)

Time: Three Hours

Maximum Marks: 80

PART A

I. Answer all questions. Each question carries 1 mark

1. _____ command is used to display the contents of a file.
2. _____ command counts number of characters or lines.
3. Linux was developed by _____.
4. _____ command is used to provide information about the currently running processes.
5. _____ is the shell command to change permission.
6. The person who is responsible for setting up and maintaining the system is called as _____.

(6x1=6)

PART B

II. Answer any seven questions. Each question carries 2 marks

7. What is the purpose of mv command?
8. What do you mean by i-nodes? Explain.
9. Name different directories in Linux Operating System.
10. Explain the function of tee command in Linux
11. Explain PID.
12. What are the basic tasks of super user?
13. Explain different user groups in Linux.
14. Give short note on DHCP.
15. Explain shell variables and system shell variables.
16. Discuss on various types of shell available in shell programming.

(7x2=14)

PART C

III. Answer any five questions. Each question carries 6 marks

17. Which are the different states in which process can be? Explain
18. What are the four components of a Linux file system?
19. Explain process scheduling commands.
20. How can a user be disabled temporarily?
21. How can a file system be mounted?

22. Explain the syntax of for loop with an example.
23. Write short notes on samba.
24. Explain passing of parameters and arguments to shell program with suitable example.

(5x6=30)

PART D

IV. Answer any two questions. Each question carries 15 marks

25. Explain the Architecture of Linux Operating system.
26. Discuss in detail about various decision statements supported by shell
27. Describe various system administrative tasks? Mention the important configuration files and purposes.
28. Explain in detail:
 - a) File processing commands.
 - b) Mathematical commands.
 - c) Printing commands.

(2x15=30)