



M 8518

Reg. No. :

Name :

IV Semester B.C.A. Degree (CCSS – Reg./Supple./Imp.)

Examination, May 2015

CORE COURSE

4B11BCA : Linux Administration

Time : 3 Hours

Max. Weightage : 21

SECTION – A

Answer **all** questions. Weightage for a bunch of **four** questions is **1**.

1. The usernames of users in LINUX are stored in the _____ file.
2. The _____ directory contains data libraries for compilers installed in the Linux OS.
3. The _____ command is used to display the contents of a specified file in Linux.
4. The bash shell is stored in _____ directory. **(W=1)**
5. The vi editor can be switched from edit mode to command mode by pressing the _____ key.
6. The _____ filter searches a file for a specified pattern of characters and displays all the lines that contain the pattern.
7. Default permissions on a file can be viewed by the _____ command.
8. GRUB stands for _____ **(W=1)**

SECTION – B

Answer **any five** questions. Weightage **1 each**.

9. What is X window system ? _____
10. What is the rc file used for ? _____

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11. What is a kernel ?
12. Give the syntax of the while construct.
13. What are the different modes of the vi editor ?
14. What is the function of /etc/hosts file ?
15. List the different types of users in Linux.
16. Give the file naming conventions used in Linux.

(5×1=5)

SECTION – C

Answer **any 5** questions. **Each** carries **2** weightage.

17. Describe the different levels of permissions provided by Linux on files.
18. Explain the advantages of the shadow password file.
19. Describe the features of RPM.
20. Explain booting of the computer with LILO.
21. What are TCP wrappers ? Give its features.
22. Explain the steps involved in mounting a file system.
23. Compare the symbolic mode and absolute mode.
24. How can you create and reference variables ?

(5×2=10)

SECTION – D

Answer **any one** question. Weightage **4**.

25. Explain the files, functions and contents of the /etc/sysconfig/ directory.
26. Discuss the various filter commands available in linux.

(1×4=4)