Reg. No. : ....

Name : ....

V Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.)
Examination, November 2020
(2014 Admn. Onwards)
CORE COURSE IN COMPUTER SCIENCE
5B11 CSC : Linux Administration

Time : 3 Hours

Max. Marks : 40

SECTION – A

(8×0.5=4)

1. One word answer :

   a) _____ is responsible for the smooth operation of the linux operating system.

   b) Which file can read and write data, one character at a time ?

   c) Which command used for deleting files or directories ?

   d) _____ is editor used to create and edit text files.

   e) Expand GRUB.

   f) _____ is an operating system loader that operates outside the operating system.

   g) Which operating system is freely distributed licensing.

   h) The executable file name for the C shell is

SECTION – B

Write short notes on **any seven** of the following questions :   (7×2=14)

2. The feature of linux is time sharing. Justify.

3. Explain examples of open source software.

4. Differentiate open source software and free source software.

5. Define shell. Explain different types of shell.

6. Explain the different modes in VI editor.

7. What are the functions of last line mode in VI editor ?

8. Write short note on 'grep' filter.

9. Describe the functioning of a pipe.

10. Briefly explain about LILO boot process.

11. What is file permission ?

SECTION – C

(4×3=12)

Answer **any four** of the following questions :

12. Explain the main features of linux.

13. Write short note on linux file system.

14. How to perform 'until' construct in shell script ?

15. Explain the major services in linux system.

16. Explain different classes of linux installation.

17. What is window manager ? Explain the advantages of X windows system.

SECTION – D

Write an essay on **any two** of the following questions :

(2×5=10)

18. Explain :
    i) types of users in linux
    ii) types of files in linux.

19. How to viewing and changing file access permissions ? Explain in detail. Give example.

20. Describe the various commands used in the VI editor.

21. Explain the set of different commands to shell for execution.

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