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K19U 2224

Reg. No. :

Name :

V Semester B.Sc. Degree (CBCSS-Reg./Sup./Imp.)
Examination, November- 2019
(2014 Admn Onwards)

CORE COURSE IN COMPUTER SCIENCE

5B11CSC : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

SECTION - A

1. One word Answer. **(8×0.5=4)**
- a) Which command is used for print the current directory?
 - b) _____ is a core part of linux operating system.
 - c) Linux provides _____ using authentication features like password protection of data.
 - d) _____ has on access to system hardware and kernel code.
 - e) Which mode enables to insert text into the file.
 - f) _____ is a mechanism used by an operting system to store and manages files directories on a storage medium.
 - g) Expand FAP.
 - h) The user who creates a file is known as_____

SECTION - B

Write short notes on Any **Seven** of the following questions. **(7×2=14)**

- 2. Write a note on system administrator in linux?
- 3. What are the characteristics of file names in linux?
- 4. What are the features of Linux?
- 5. Explain the insert and delete commands in VI editor?
- 6. How to switch edit mode in VI editor?
- 7. What are the components of linux operating system.



8. Difference between files and directories in linux.
9. What is 'if' constructs of parameter in shell?
10. What is meant by file system in linux?
11. Write note on kernel.

SECTION - C

Answer Any **Four** of the following questions.

(4x3=12)

12. Explain in detail the benefits of linux.
13. Write a shell program to find the factorial of three numbers.
14. How to remove a LILO from the MBR?
15. Write short note on types of files in linux.
16. What is the main operation of linux installation?
17. Explain the important parts of boots process.

SECTION - D

Write an essay on Any **Two** of the following questions.

(2x5=10)

18. Explain the architecture of Linux operating system.
19. Explain in detail
 - a) Multi user system
 - b) Freedoms of linux
20. Explain the backup and restore operation in linux.
21. Explain iteration constructs supports in linux operating system.