



K17U 1665

Reg. No. :

Name :

V Semester B.Sc. Degree (CBCSS – Reg./Sup./Imp.)

Examination, November 2017

(2014 Admn. Onwards)

Core Course in Computer Science

5B11 CSC : LINUX ADMINISTRATION

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. One word answer.

(0.5×8=4)

- a) Which command is used to delete the character under the cursor location in vi editor ?
- b) IFS stand for _____
- c) _____ creates a copy of the original process that is largely identical to the parent.
- d) The most common utility for checking running processes in Linux is _____ command.
- e) What is the minimum number of partitions that need to install Linux ?
- f) _____ command is used for creating a new user account.
- g) Which command is used to change the current run level ?
- h) Which file system contains the configuration file ?

SECTION – B

Write short notes on **any seven** of the following questions.

(7×2=14)

2. What are the advantages of Linux ?
3. What is the difference between home directory and working directory ?

P.T.O.



4. What is meant by process ID number ?
5. What is the difference between internal and external commands ?
6. How do you create a new user account ?
7. What is shell variable ?
8. What are the main tasks of LILO ?
9. What are the two major versions of GRUB available today ?
10. What is unmask ?
11. What is BASH ?

SECTION – C

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

(4×3=12)

12. Write a shell program to check whether the given number is positive or negative or zero.
13. What are the features of sudo ?
14. What are system calls used for process management in Linux ?
15. Briefly explain three different modes in Vi editor.
16. What are the fields in the/etc/passwd file ?
17. Explain any three commands file management operations in Linux.

SECTION – D

Answer **any two** of the following questions.

(2×5=10)

18. Explain features of open source software.
 19. Explain about file system.
 20. What is the purpose of shadow password files ?
 21. Explain RPM.
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