

Reg. No.....

Name.....

B.C.A. DEGREE END SEMESTER EXAMINATION OCTOBER/NOVEMBER 2017**SEMESTER –1: BACHELOR OF COMPUTER APPLICATIONS (BCA) (CORE COURSE)****COURSE: 16U1CRBCA3: INTRODUCTION TO LINUX***(Common for Regular 2017 admission and Supplementary/Improvement 2016 admission)*

Time: Three Hours

Max. Marks: 75

SECTION AAnswer **all** questions. Each question carries 1 mark

1. What command do you use to create linux file systems?
2. What is Multitasking?
3. What are the important features of Unix?
4. Which vi command replaces the character on the right side of the cursor, with the given character?
5. In which structure is a file's attribute information stored on the disk?
6. What command is used to terminate a process?
7. Which tool is used to check and repair linux file systems?
8. Which directory contains the configuration file that stores the system and application setting?
9. Which is the user account present by default in all Linux installations?
10. Define Superblock (1 x 10 = 10)

SECTION BAnswer **any Eight** questions. Each question carries 2 marks

11. What is an inode?
12. How can we compare two files in Linux?
13. How will you connect process with pipe?
14. What command would you use, if you want to remove the password assigned to a group?
15. What are the parameters with which the find command can be used?
16. What are log files?
17. What are the different operations associated with user accounts?
18. Which are the commands used to communicate with other users?
19. Define Vi Editor
20. State the differences between PID and PPID? (2 x 8 = 16)

SECTION CAnswer **any Five** questions. Each question carries 5 marks

21. What are the different process state?
22. Explain the following
 - i) Ubuntu
 - ii) Fedora

23. Write a Short note on simple filter commands?
24. How mounting and unmounting in file systems can be done in Linux?
25. Explain the features of RPM and DEBIAN?
26. Explain the commands associated with directory?
27. Explain Shell command Macros? (5 x 5 = 25)

SECTION D

Answer **any Two** questions. Each question carries 12 marks

28. Explain in detail about the various Text Processing Commands?
29. Explain about the UNIX file system?
30. a) Explain different modes of operation in vi editor. (7 marks)
b) What are the three distinct phases in the creation of a process? (5 marks)
31. Describe various security and permission mechanisms in Linux. (12 x 2 =24)
