

BCA DEGREE END SEMESTER EXAMINATION OCTOBER 2016**SEMESTER – 1: BACHELOR OF COMPUTER APPLICATIONS (BCA)****COURSE: 16U1CRBCA3 –: INTRODUCTION TO LINUX**

For Regular (2016 Admission)

Time: Three Hours

Max. Marks: 75

SECTION A*Answer **all** questions. Each question carries 1 mark*

1. What is inodes?
2. What is ln command?
3. What is the use of kill command?
4. Explain DU command.
5. What is the difference between grep and fgrep commands?
6. What are the different shells available in Linux?
7. Explain the functions of rpm command.
8. Explain parameter passing and arguments in Linux
9. Differentiate between Windows and Linux.
10. Distinguish between kernel and shell (1 x 10 = 10)

SECTION B*Answer **any eight** questions. Each question carries 2 marks*

11. Explain the directory structure in Linux OS.
12. Explain various file processing commands in Linux.
13. Explain how user groups can be created.
14. Explain any 3 batch commands.
15. Explain Lseek command.
16. What is the difference between relative and absolute path explain with examples?
17. Explain Super user using SU
18. Explain the processes states .
19. How temporary disable a user account.
20. Explain super block. (2 x 8 = 16)

SECTION C*Answer **any five** questions. Each question carries 5 marks*

21. Explain in detail about process scheduling in Linux.
22. How will you create groups?
23. Explain the filters in Linux .

24. What are shell scripts?
25. How do you modify the file permissions using chmod command?
26. How do you add and remove users in Linux?
27. What do you understand by the term RPM? Where it is used. (5 x 5 = 25)

SECTION D

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

28. Explain in detail the various filter commands.
29. Explain the common administrative tasks and the role of a system administrator.
30. Explain the architecture of Linux.
31. What are the process related commands available in Linux? Explain. (12 x 2 = 24)
