B.C.A. (Part - III) (Semester - VI) Examination, April - 2015
Linux
Sub. Code :50068

Day and Date : Monday, 6 - 4 - 2015   Total Marks : 80
Time :3.00 p.m. to 6.00 p.m.

Instructions :   1)   Attempt any FIVE questions.
2)   Each question carry 16 marks.
3)   Figures to the right indicate full marks.

Q1) a)   Trace out the origin of Linux operating system and Explain how it is differ than the windows operating system.   **[8]**

b)   Explain the function of Linux operating system   **[8]**

Q2) a)   What is Linux desktop? Give the similarities and differences between the Linux and Windows desktop.   **[8]**

b)   What is boot block in Linux file system? Give its importance in file system   **[8]**

Q3) a)   Explain the following.   **[8]**

i)   Text editor   ii)   head and tail command

b)   Write a shell script to check whether the given number is odd or even**[8]**

Q4) a)   List and Explain any four file management command   **[8]**

b)   Write a shell script to display the message 'Good Morning', Good Evening and Good Night depending upon the system date and time.**[8]**

Q5) a) What is shell variable? How it is to be declared and used in shell programming [8]

b) List and explain the various looping statement in shell programming:[8]

Q6) a) Explain

    i) Cut command   ii) Kill command [8]

b) What is UNIX filter? List and explain the various Unix filter [8]

Q7) Write a short note on any TWO [8+8=16]

a) Data Block

b) expr statement

c) Test command