S.B.Roll No...

OPEN SOURCE TECHNOLOGY
5th Exam/IT/Comp/CSc/5762/2629/ May,2015

Duration: 3 Hrs.   **M. Marks: 75**

Section A

Q1.   Do as directed.   (1.5x10)

1. _____ forms an interface between kernel and user.
2. _____is an example of multiuser operating system.
3. The output of a command is usually sent to_____
4. The _____ command displays contents of a file.
5. The devices are also treated as files in Linux(True/False).
6. Directories do not have execute permissions. (True/False).
7. The tr command is used to translate characters. (True/False).
8. The tail command is used to display the first portion of the text file. (True/False).
9. Why input/output redirections are useful?
10. What is the function of mount command?

Section B

Q2 .   Attempt any five questions.   (6x5)

1. What is the difference between open source software and free software?
2. Explain shell and its various types.
3. Explain any five directory commands of Linux with the help of an example.
4. What is the usage of pipes and filters in Linux?
5. What are three modes of operations of vi editors?
6. How php is declared in web document?
7. Explain various types of arithmetic operators.

Section C

Note: Attempt any three questions.   (10x3)

Q:3   Explain various features of Linux.

Q:4   Explain the following commands with their syntax and example:

   (a)who   (b) chmod   (c) grep   (d) mail (e) tar

Q:5   Write a short note on:

   (a) MySQL   (b) GPL

Q:6   Explain the layout and directory structure of Linux file system.