

- (b) Write various backup medium used for taking backup.
- (c) Name various shells of Linux.
- (d) Write features of GNOME.
- (e) What is FTP Server ?
- (f) Which command is used to count number of characters in file ? Write with proper syntax.
- (g) What is Kernel.
- (h) What are various wildcard characters in Linux ?
- (i) What is the function of write command in Linux ?
- (j) What are various rights of administrator in Linux ? **(10 × 2 = 20)**

2. (a) Explain redirection & filters in Linux. **(10)**
- (b) Write a script to find factorial of a number. **(10)**
3. (a) Explain user & group management in Linux. **(10)**
- (b) Explain case construct with suitable example. **(10)**
4. (a) Explain file system hierarchy of Linux. **(10)**
- (b) What is backup ? Explain backup strategies in Linux. **(10)**
5. (a) Write a note on Samba Server. **(10)**
- (b) What are the various legal issues with Open Source Technology. **(10)**

6. Write short notes on following :

- (a) GRUB.
- (b) Positional Parameters.
- (c) SSH Server.
- (d) Compressing & Decompressing Files.

(5 × 4 = 20)

224/1605/CO-12603/4/4/1115

4

15 Feb

Roll No.....

Total No. of Questions—6] [Total No. of Printed Pages—4

CO-12603

**Sixth Semester Computer Engg.
(N-2012)**

OPEN SOURCE SOFTWARE

Time : 3 Hrs.

M.M. 100

Note :— Attempt any five questions.

Question No. 1 is compulsory.

1. Answer the following questions :

- (a) Differentiate between Open Source Software & Freeware.

224/1605/CO-12603/4/4/1115

1

Page 8