



NBV-003-008202 Seat No. _____

M. Sc. (IT & CA) (Sem. II) (CBCS) Examination

April / May - 2017

**CMY - 2002 : Linux Administration & Networking
(Old Course)**

Faculty Code : 003

Subject Code : 008202

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Explain any six : 30

1. What is Linux ? Explain features of Linux.
2. Explain directory structure in Linux.
3. Explain X Window System.
4. Explain Commands : bc, finger, nice, tar, who.
5. Hard Link vs. Soft Link.
6. Explain grep command with example.
7. Explain RPM Management.

2 Attempt following any three : 15

1. Write a script to check string is palindrome or not.
2. Write a script to print name of all sub directories present in the current directory.
3. Write a script to print following output.

1

2 1

3 2 1

4 3 2 1

4. Write a script to count number of characters, words and lines in given file.

3 Describe any five :

25

1. What is Shell ? Explain types of Shell.
 2. Explain clustering on Linux.
 3. Explain samba server.
 4. Explain text editor of linux.
 5. Explain NIS and NFS.
 6. Explain configuration of FTP server.
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