Bachelor of Science (B.Sc.I.T.) Semester—III Examination
LINUX OPERATING SYSTEM
Paper—IV

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) **All** questions are compulsory and carry equal marks.

   (2) Draw neat and well labelled diagram wherever necessary.

EITHER

1. (a) Explain naming file and directories in Linux O.S.   5

   (b) List Directory structure of Linux O.S. Give purpose of each directory in it.   5

   OR

   (c) Explain procedure to create user account in Linux O.S.   5

   (d) Explain following types of file in Linux :

      (i)   User data file

      (ii) System data file

      (iii) System file.   5

EITHER

2. (a) Explain following modes in Vi editor :

      (i)   Command mode

      (ii) Insert mode.   5

   (b) Write a note on developing backup plan in Linux O.S.   5

   OR

   (c) Write steps to format floppy disk in Linux O.S.   5

   (d) Explain print spool directory.   5

EITHER

3. (a) Explain procedure to create group account in Linux O.S.   5

   (b) Give syntax, purpose and example of following commands :

      (i)   chown

      (ii) chgrp.   5

   OR

   (c) Explain maintaining user account.   5

   (d) What is process ? Explain its types.   5

EITHER

4. (a) Give syntax and purpose of the following commands :

     (i)   Talk

     (ii) Mesg.   5

    (b) State salient features of KDE. List and discuss various elements of KDE Desktop.   5

OR

    (c) Discuss strategies which can be implemented to create more space on Hard Disk.   5

    (d) What is X Windows System ? Explain how it works.   5

5. Attempt **ALL** :

    (a) Explain information displayed using ℓs command with ℓ option.   2½

    (b) Explain how to compress and uncompress file size in Linux.   2½

    (c) What are the three permissions attached to every file in Linux and how is it indicated by single character ?   2½

    (d) What for mesg command is used ? Write command to enable message and disable message.

                                                2½