NRT/KS/19/2223

Bachelor of Computer Application (B.C.A.) Semester—II Examination
LINUX OPERATING SYSTEM
Paper—V

Time : Three Hours]   [Maximum Marks : 50

N.B. :— (1) **ALL** questions are compulsory and carry equal marks
          (2) Draw neat and labelled diagram wherever necessary.

EITHER

1. (a) Explain ls command with at least five options.   5
   (b) Explain logging in and logging out procedure in LINUX.   5

   OR

   (c) Explain the different file types in LINUX.   5
   (d) Explain the following commands with its syntax, purpose and example :
        (i) rm
        (ii) mv
        (iii) cp
        (iv) cat
        (v) MKdir.   5

   EITHER

2. (a) Explain Vi editor with its modes.   5
   (b) Differentiate between back up of files and copying of files. Explain the procedure to take back up in LINUX.   5

   OR

   (c) Explain the purpose of print spool directory. Write steps for sending files to printer in LINUX.   5
   (d) Explain gzip and gunzip command with example.   5

   EITHER

3. (a) Explain how to change file permissions in LINUX with suitable example.   5
   (b) Which commands are used for creating and maintaining user accounts in LINUX ? Explain with example.   5

   OR

   (c) Explain different types of processes in LINUX.   5
   (d) Explain the following LINUX commands with its options and example :
        (i) kill
        (ii) free.   5

   EITHER

4. (a) Explain the concept of setting system clock.   5
   (b) Differentiate between df and du command. Give an example of each.   5

   OR

   (c) Explain the following commands with example :
        (i) wall
        (ii) talk
        (iii) write
        (iv) mesg
        (v) finger.   5
   (d) Explain in brief KDE and GNOME desktop environment.   5

5. Attempt **ALL** :
   (a) What is the importance of following LINUX directories :
        (i) home
        (ii) bin ?   2½
   (b) Write the steps in formatting a Floppy disk in LINUX.   2½
   (c) Write the syntax and purpose of PS command.   2½
   (d) Write steps to locate unused files in LINUX.   2½