

Bachelor of Science (B.Sc.I.T.) Semester—III (C.B.S.) 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 labelled diagram wherever necessary.

EITHER

1. (a) What is logging in and logging out in linux ? 5
- (b) Explain spawning process. 5

OR

- (c) What is user account ? Explain the command to create user account. 5
- (d) What is a shell ? Explain bash shell. 5

EITHER

2. (a) Explain the use of vi editor. 5
- (b) Write short notes on :
 - (i) gzip
 - (ii) gunzip. 5

OR

- (c) What is backup and Restore of file in linux o.s. ? 5
- (d) Explain print spool directory. 5

EITHER

3. (a) What is file access permission ? Explain r, w, x permission bit. 5
- (b) Explain 'kill' command. 5

OR

- (c) Explain with example 'free' command. 5
- (d) What is file sharing ? Explain chown command. 5

EITHER

4. (a) Differentiate between df and du command. 5
- (b) Explain setting system clock in linux os. 5

OR

- (c) What is communication utility in linux ? Explain 'wall' command. 5
- (d) Write a note on KDE. 5

5. Attempt **All** :

- (a) Explain /user directory. 2½
- (b) Explain tar command. 2½
- (c) What is group Account in Linux ? 2½
- (d) What is "who am i" command. 2½