

5. Attempt **ALL** :—

TKN/KS/16/5876

- (a) Explain shutdown command with all options.
2½
- (b) What is print spool ? Write command to send file to the printer.
2½
- (c) Write chmod command to make file 'xyz' read only for all categories of users.
2½
- (d) Write command to enable and disable message.
2½

Bachelor of Science (B.Sc.) Semester—IV
(C.B.S.) Examination
COMPUTER SCIENCE
Paper—II
(Linux Operating System)

Time—Three Hours]

[Maximum Marks—50

Note :— (1) All questions are compulsory and carry equal marks.

(2) Draw neat and labelled diagram wherever necessary.

EITHER

- 1. (a) Explain the role of Kernel in Linux operating system. 5
- (b) Draw directory structure of LINUX OS and explain purpose of each directory in it. 5

OR

- (c) Give syntax, purpose and example of the following commands :
 (i) ls

- (ii) cp
- (iii) mkdir
- (iv) rmdir
- (v) cat. 5
- (d) State features of LINUX OS. 5

EITHER

- 2. (a) Explain vi editor in brief. 5
- (b) Why is backup needed ? Explain tar command. 5

OR

- (c) Write steps to Format floppy disk in LINUX Operating System. 5
- (d) Explain how files are compressed and uncompressed while taking backup. 5

EITHER

- 3. (a) State syntax, purpose and example of the following commands :
 - (i) Chown
 - (ii) Chgrp. 5

- (b) Discuss top utility in LINUX. 5

OR

- (c) Under what conditions password must be changed ? Write steps to change password for user account. 5
- (d) What is PID ? Discuss PS command in brief. 5

EITHER

- 4. (a) Write syntax, purpose and example of managing the following disk space commands :
 - (i) df
 - (ii) du. 5
- (b) Explain following communication utilities :
 - (i) talk
 - (ii) write
 - (iii) wall. 5

OR

- (c) Explain GNOME desktop environment. 5
- (d) Discuss strategies which can be implemented to create more space on Hard disk. 5