

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) Explain the anatomy of linux OS. 5
- (B) Write notes on :
 - (i) User data file
 - (ii) Executable file. 5

OR

- (C) Explain in detail 'LS' command. 5
- (D) What is directory ? Explain directory structure of linux OS. 5

EITHER

2. (A) What is gathering important system information ? Explain. 5
- (B) Explain the 'tar' command. 5

OR

- (C) Explain the cut and paste utilities of vi editor. 5
- (D) Explain formating of floppy disk. What commands are used for it in linux ? Give syntax. 5

EITHER

3. (A) What is password ? Explain how to set and change a password. 5
- (B) Explain in detail 'chmod' command with syntax and example. 5

OR

- (C) What is top utility in linux ? Give example. 5
- (D) Explain in detail 'PS' command with example. 5

EITHER

4. (A) Explain the following commands :
 - (i) write
 - (ii) mesg. 5
- (B) What is X-windows ? Explain GNOME. 5

OR

- (C) Write complete procedure to free disk space. Explain any one command to perform this operation. 5
- (D) Explain the following commands :
 - (i) who
 - (ii) finger. 5

5. Attempt all :
 - (A) Explain 'cat' command with syntax and example. 2½
 - (B) What is backup of data ? Explain. 2½
 - (C) For what 'kill' command is used. Give example. 2½
 - (D) Write a procedure for creating a message of the day. 2½