

86m.p. Sc

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 2729

A

Unique Paper Code : 62343635

Name of the Paper : System Administration and
Maintenance

Name of the Course : B.A. (Prog.)

Semester : VI

Duration : 2 Hours

Maximum Marks : 25

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Question No. 1 is compulsory.
3. Attempt **three** questions from Q. No. 2 to Q. No. 7.
4. Parts of a question must be answered together.

1. (a) List two features of LINUX kernel. (2×5=10)

(b) Explain the difference between LINUX and DOS operating systems.

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(b) Explain the difference between LINUX and DOS operating systems.

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- (c) Explain the significance of using username and password while logging into a system.
- (d) Explain the use of the cat command in LINUX.
- (e) Write the syntax of chmod command. Give two examples.
2. (a) What are the different functions of operating system? (3)
- (b) Differentiate between IPv4 and IPv6. (2)
3. Explain use of the following commands : (1×5=5)
- (a) mkdir
- (b) echo
- (c) cal
- (d) kill
- (e) rm

4. (a) Write any three commands used for process management. (3)
- (b) Write the steps to copy a file from one directory to another directory, in LINUX. (2)
5. (a) Differentiate between FAT and NTFS. (3)
- (b) What is the use of a remote desktop? (2)
6. (a) What is the difference between `cd` and `cd..`? (2)
- (b) What action will be performed on execution of the following commands : (3)
- (i) `$ date -u`
 - (ii) `$ ls -a`
 - (iii) `$ man`
7. (a) Which command in LINUX is used to test network connection? (1)

(b) Explain the use of following network tools :

(i) ipconfig

(ii) netstat

(2×2=4)