

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

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Exam. Code :

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M.Sc. Information Technology 1st Semester
(2122)

**LINUX SYSTEM ADMINISTRATION AND
PROGRAMMING**

Paper : MS-66

Time Allowed : Three Hours] [Maximum Marks : 80

Note :— Attempt **ONE** question each from Sections A to D.
Question No. 9 (Section E) is compulsory. All questions
carry equal marks.

SECTION—A

1. What is vi editor in LINUX ? Explain the different commands of vi. 16
2. What do you mean by redirection ? Draw the difference between input and output redirection in LINUX. 16

SECTION—B

3. How can you change file and directory permissions using chmod command in LINUX ? 16
4. What do you mean by file ? Explain any five file related commands in LINUX. 16

SECTION—C

5. What do you mean by control statement ? Explain the different control statements of shell programming in LINUX. 16
6. What do you mean by System Administrator ? Explain the role of System Administrator with commands in LINUX. 16

SECTION—D

7. What do you mean by System call ? Explain any four process management system calls in LINUX. 16
8. What do you understand by PERL ? Write down the features of PERL. 16

SECTION—E

(Compulsory Question)

9. Write short notes on the following :
- (a) kill() system call 4
 - (b) DNS 4
 - (c) UMASK 4
 - (d) grep command. 4