(i) **Printed Pages : 2**

(ii) **Questions** **: 9**

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