

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2011-12 & thereafter)

SUBJECT CODE : 11CS/PC/LP44

M. Sc. DEGREE EXAMINATION, APRIL 2015
INFORMATION TECHNOLOGY
FOURTH SEMESTER

COURSE : CORE
PAPER : LINUX PROGRAMMING
TIME : 1 ½ HOURS

MAX. MARKS: 50

SECTION - A

Answer all the following:

(5 x 2 = 10)

1. What is an escape sequence?
2. Name the filter that
 - i. Manipulates individual character
 - ii. Finds unique lines
3. What are pipes?
4. What is 'sed'?
5. Compare system call and library function in UNIX.

SECTION - B

Answer any four of the following:

(4 x 5 = 20)

6. What is a file? Explain different types of files available in Unix.
7. Explain commands that can be used to select Rows and Columns of a file.
8. Explain loops in shell script.
9. Explain the commands that are used to change file permission.
10. Explain any 5 directory related commands.
11. State the different options available in 'grep' command and its uses.

SECTION - C

Answer any two of the following:

(2 x 10 = 20)

12. Discuss about the architecture of **Unix**.
13. Explain 'Find' command.
14. Explain 'awk' command in detail.
