

Roll No.

Total Pages : 03

BT-7/D-13

8706

UNIX AND LINUX PROGRAMMING

CSE-471

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. Write the following commands of Linux : 15

- (a) Create User
- (b) Assign Permission
- (c) Switch User.

2. (a) What is structure of file system in Linux ? 5

(b) Write the syntax of the following in script : 10

- (i) for loop
- (ii) if condition
- (iii) multi command in one line.

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Unit II

3. What is Regular Expression ? Write the structure of regular expression by giving at least three examples. 15

4. (a) Write program to add two no in Awk language. 8

(b) What are different string functions in Awk language ? 7

Unit III

5. What are different Vi editor option ? Write option of delete, copy, paste and select in detail. 15

6. What is use of Library in Linux ? Explain static and dynamic library of Linux in detail. 15-

Unit IV

7. (a) What is syntax of cross command with different options ? 7

(b) What are different options of Archive in Linux ? Also give examples. 8

8. (a) Write at least structure of two network files of linux. What are the uses of these files ? 7

(b) Explain the syntax of the following options :

(i) Batch Command

(ii) End of Process

(iii) Restart System

(iv) Change Password