

B.Tech IV Year II Semester (R13) Advanced Supplementary Examinations July 2017

LINUX PROGRAMMING & SCRIPTING

(Electronics & Communication Engineering)

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Explain the command moving the files between directories in Linux with example.
 - Explain the difference between a line editor and stream editor.
 - What are the differences between TCP and UDP protocol?
 - Write a note on domain naming services.
 - Write about hashes in PERL.
 - What is the purpose of `_FILE_Literal` and `_LINE_Literal`?
 - Discuss string command in TCL.
 - Write a detail note on procedures in TCL.
 - Explain the use of `enumerate ()` in python with example.
 - How python is interpreted?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 List the various permissions used for files and directories in Linux? How can you change the permissions using `chmod`. `Chgrp`, `chown`, commands.

OR

- 3 Write short notes on the following commands.
(i) `ls`. (ii) `ln`. (iii) `Mv`. (iv) `Cp`. (v) `Grep`.

UNIT – II

- 4 What is the difference between hard mount and soft mount in NFS? Explain NFS mount options.

OR

- 5 Write short notes on the following:
(a) Domain naming services.
(b) Dynamic hosting configuration protocol.

UNIT – III

- 6 Explain `for`, `foreach` and `while` syntax in PERL with example.

OR

- 7 Write short notes on the following:
(a) Subroutines in PERL.
(b) PERL functions on hashes.

UNIT – IV

- 8 Explain list data structures in TCL with a sample code.

OR

- 9 Explain events and its usage in TK with examples.

UNIT – V

- 10 What are modules? Explain how data imports from module into the python programming environment.

OR

- 11 Explain various built in functions in python language.