

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)

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- 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.

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