R18

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year I Semester Examinations, February/March - 2022
SCRIPTING LANGUAGES
(Electronics and Communication Engineering)

Time: 3 Hours   **Max. Marks: 75**

Answer Any Five Questions
All Questions carry equal marks

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1.a) What does the directory file in UNIX contain? Explain.
  b) Explore the following commands with examples
      i) mkdir   ii) rmdir   iii) chdir   iv) getcwd   [8+7]

2.a) Explain the role of Kernel and its functions in Linux.
  b) Explain zipping and unzipping commands.   [7+8]

3.a) Explain the working of DHCP in Linux.
  b) How does a Network File System differ from an FTP? Explain.   [7+8]

4.a) Briefly explain the following Networking tools.
      i) ping   ii) finger   iii) netstat   iv) tracepath
  b) Explain the working of a NFS and its functions.   [8+7]

5.a) How do you activate Perl debugger? What does it do?
  b) List and explain any six Perl debugger commands.   [7+8]

6.a) Give the rules of Regular expression matching of Perl.
  b) Write Perl statements using regular expressions for the following
      i) Matches the date format dd-mm-yyyy
      ii) Count the number of times the word "the" occurs in the given text
      iii) Substitute lower case with upper case   [8+7]

7.a) Discuss in detail about the variables and data structures in TCL.
  b) Write a Tk program to demonstrate Keyboard events?   [7+8]

8.a) Describe the different types of Exceptions in Python.
  b) Write a small code to illustrate try and except statements in Python?   [8+7]

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