

Code No: 135DA**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B. Tech III Year I Semester Examinations, October - 2020****SCRIPTING LANGUAGES****(Common to ECE, CSE, IT)****Time: 2 hours****Max. Marks: 75**

Answer any five questions
All questions carry equal marks

- 1.a) What are the advantages and disadvantages of Linux OS?
b) Discuss various commands used for file management. [7+8]
- 2.a) Explain the basic functionality of Linux kernel.
b) Describe the structure of Linux file system and various entries of it. [7+8]
3. Discuss about the following commands in Linux: [15]
a) netstat b) finger c) traceroute d) rlogin e) telnet
4. What is Domain Naming Service? How DNS works? Explain in detail. [15]
- 5.a) Differentiate between lists and Hashes.
b) Write a subroutine that calculates the sum of numbers in a list. [7+8]
6. Explain various loops and decision making statements available in Perl with an illustrative example. [15]
- 7.a) How a list data structure differs from an array data structure in TCL?
b) List and explain various operations performed on a list data structure. [7+8]
- 8.a) What do you mean by classes? How they differ from dictionaries?
b) How is operator overloading coded in a Python class? Explain with an illustration. [7+8]

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