JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech III Year II Semester Examinations, August - 2022
SCRIPTING LANGUAGES
(Common to CSE, IT)

Time: 3 Hours   Max.Marks:75

Answer any five questions
All questions carry equal marks
- - -

1.a)   Compare ruby language with Perl with respect to various features   and list the advantages of Ruby language.
 b)   What is a cookie? Write the code in Ruby to demonstrate handling of cookies.   [8+7]

2.a)   What are web services and how do we use SOAP to implement web services in Ruby?
 b)   Describe different canvases available in Ruby-Tk.   [8+7]

3.a)   How do we embed a ruby language interpreter in C program?
 b)   Explain about Ruby type system.   [7+8]

4.a)   Write the syntax and explain the usage of different memory allocation functions available in Ruby.
 b)   Explain about global variables concept in Ruby with an example.   [8+7]

5.a)   How do we create a list and tuple in Perl? Demonstrate with a suitable coding example.
 b)   Discuss about defining regular expressions in Perl with examples.   [8+7]

6.a)   Enumerate various usages of Scripting languages.
 b)   Discuss about different conditional and iterative statements available in Perl with their syntaxes.   [7+8]

7.a)   Explain about pack and unpack commands in Perl with examples.
 b)   Write the steps for interfacing with operating system in Perl.   [8+7]

8.a)   Describe the control flow structures available in TCL.
 b)   Explain about event binding in Tk applications.   [8+7]

---oo0oo---