**R18**

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

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

**Answer any five questions**
**All questions carry equal marks**
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1.a)   Explain the Package Management with RUBYGEMS.
  b)   List and explain the different canvas widget options.            **[7+8]**

2.a)   Discuss the Ruby Type System.
  b)   Illustrate the Embedding of Ruby to Other Languages.          **[8+7]**

3.a)   List and explain the Characteristics of Scripting Languages.
  b)   Using Perl program explain push and pop in array implementation.   **[5+10]**

4.a)   Give a brief note on dirty hands in internet programming.
  b)   Discuss the pack and unpack, filesystem.                 **[8+7]**

5.a)   Explain Tk-Visual Tool Kits, Events, and Binding with example.
  b)   Why TK is used? Explain TK with an example.             **[8+7]**

6.a)   Explain the Tk module in Ruby.
  b)   How does the jukebox work? Explain.                  **[8+7]**

7.     List and explain PERL data types with suitable examples.       **[15]**

8.a)   How to run a package in tcl, how to remote login to a system A from system B, execute commands in it.
  b)   Give an example of how to write internet applications using TCL.   **[8+7]**

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