R17

Code No: 842AC

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA II Semester Examinations, May - 2022
SCRIPTING LANGUAGES

Time: 3 Hours   Max.Marks:75

Answer any five questions
All questions carry equal marks
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1.a)   What are the features that characterize scripting languages?
  b)   What activities does traditional scripting include? Explain.   [8+7]

2.a)   Illustrate the simple uses of regular expressions in Perl.
  b)   Describe semi private variables with illustrations.   [8+7]

3.a)   Which features of PHP attract both new and expert programmers alike? Explain them.
  b)   How to aggregate functions together as libraries and include them into the script? [8+7]

4.a)   With examples, explain complex array manipulation tasks in PHP.
  b)   Discuss validation of web forms. Quote common predefined validation rules.   [8+7]

5.a)   Explain the configuration directives pertinent to PHP's mail function and give examples to highlight this function's usage variations.
  b)   How to encrypt data with MCrypt package?   [8+7]

6.a)   Illustrate PHP authentication mechanisms.
  b)   Create a web page for your department using PHP.   [8+7]

7.a)   Discuss the fundamental concepts of Tk.
  b)   "Eval is a general purpose building block for creating and executing Tcl scripts". Comment.
                                                                                        [8+7]

8.a)   How exceptions are handled in Python?
  b)   What is a module in Python? Discuss any three modules being widely used by programmers.   [8+7]

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