R15

Code No: 821AH

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA II Semester Examinations, January - 2018
SCRIPTING LANGUAGES

Time: 3hrs   Max.Marks:75

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

                                                                          5 × 5 Marks = 25
1.a) Compare and contrast arrays and list in Perl.   [5]
  b) Write a short note on string interpolation in Perl.   [5]
  c) Write a program in PHP to perform arithmetic operations using functions. [5]
  d) Explain installation, compiling, and executing TCL/TK programs in Linux. [5]
  e) Illustrate the importance of Web Application Framework.   [5]

PART - B

                                                                          5 × 10 Marks = 50
2.a) How would you organize Names and Values, Variables in PERL.
  b) Classify the Characteristics of Scripting Languages.   [5+5]
                                OR
3.a) Explain Names and Values in PERL.
  b) Write a web Scripting program that display user name and password field in PERL.[5+5]

4.a) Write a PERL script program to change the case of the text entered in a text box.
  b) Explain about the various servers in PHP and its importance.   [5+5]
                                OR
5.a) Illustrate how packages are created in PERL with an example.
  b) What is meant by a function call in PHP? List the advantages of functions. [5+5]

6. What is a File. Write a program in PHP that uploads and downloads a document. [10]
                                OR
7. Explain steps how to connect database in PHP with an example program.. [10]

8.a) Differentiate actual and formal parameter in TCL.
  b) Explain about the Tk-Visual Tool Kits with examples.   [5+5]
                                OR
9.a) How to create an Internet application in TCL. Explain the associated namespace.
  b) Give an overview of Nuts and Bolts of Internet Programming.   [5+5]

10. How Python can be used for web development. List out Web Frameworks for Python. [10]
                                OR
11.a) What is Python? Compare it with other technologies.
   b) Classify the different modules in Python.   [5+5]

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