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Code No: 842AC

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA II Semester Examinations, December - 2019
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) Differentiate between scripting language and programming language.   [5]
  b) Illustrate the significance of tied variables.   [5]
  c) What type of care is required in PHP file handling?   [5]
  d) Write about globbing for pattern matching in Tcl.   [5]
  e) Which features of Python have made it a most preferred language in market? [5]

PART - B

5 × 10 Marks = 50

2.a) Discuss the simple uses of regular expressions.
  b) Explain List and hashes in PERL.   [5+5]
OR
3.a) Demonstrate the creation and implementation subroutines in PERL.
  b) What are the two ways Perl allows execution of shell commands?   [5+5]

4.   How Perl provides interfacing to the operating system? Explain with illustrations. [10]
OR
5.   Discuss the need of internet ware application. Give examples and explain its creation process in detail.   [10]

6.   Explain PHP functions that are used to implant authentication procedures.   [10]
OR
7.a) Write a PHP program to wish the user based on the current time, good morning, good afternoon, good evening and good night.(use regular convention)
  b) List the data types of PHP language.   [5+5]

8.   Does Tcl support event-driven programming? Explain your answer with necessary program.   [10]
OR
9.a) What are the different ways of termination of a Tcl command? Quote examples.
  b) List the Tcl commands related to procedures and strings.   [5+5]

10.   Describe exception handling in Python and give illustrations.   [10]
OR
11.   Construct a simple web application using Python to display the customer account balance if the customer number and password are valid.   [10]