R15

Code No: 821AH

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA II Semester Examinations, June/July - 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)   What is scripting language ? Give the short note on the properties that differentiate scripting languages from programming languages.   [5]
  b)   Explain very briefly about an essential features of PHP language? Mention the various limitations of PHP.   [5]
  c)   With the help of an example, explain about the authenticating users by IP address in PHP?   [5]
  d)   Explain about how TCL is an Event Driven Programming language?   [5]
  e)   What is a module in Python? Illustrate with an example about how to create and use the module in Python?   [5]

PART - B

5 × 10 Marks = 50

2.a)   Explain how web is one of the most fertile areas for applications of scripting languages?
  b)   What are the regular expressions? Explain about pattern matching and substitution operators in PERL?   [5+5]
OR
3.a)   Explain about essential application areas of scripting languages.
  b)   Explain various control statements in PERL with suitable examples.   [5+5]

4.a)   Explain the following file handling functions in perl:
       i) open ()   ii) tell ()   iii) seek ()
  b)   Write a perl program to copy the content of a file to another file.   [6+4]
OR
5.a)   With the help of an example, explain how perl is used to create internet ware applications?
  b)   Write a php code to include the list of items in the ordered form into web page?   [5+5]

6.a)   Explain the different types of errors in PHP with suitable examples.
  b)   Explain the procedure to send an email using PHP? Give an illustrative example. [5+5]
OR
7.   Describe the process to build and bring a website 'live' on the World Wide Web using PHP.   [10]

8.a)   Write a TCL script to check the given number is palindrome or not.
  b)   Explain about security issues while using TCL on developing web applications.   [5+5]

OR

9.   Explain perl tool kit ? Explain how it is different from Tcl/Tk.   [10]

10.   Explain with an example about any TEN built-in functions in Python.   [10]

OR

11.a)   Describe the exception handling in Python?
  b)   Explain the following statements.
        i) Import....as   ii) Form .... import.   [5+5]

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