

**R13**

Code No: 814AV

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA IV Semester Examinations, August - 2017****SCRIPTING LANGUAGES****Time: 3 Hours****Max. Marks: 60****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

**PART - A****5 × 4 Marks = 20**

- 1.a) Differentiate between Scripting and Programming language with example. [4]
- b) Explain the control structures in PHP. [4]
- c) Mention the various server side programming languages. [4]
- d) Why visual tool kits are used? Give an example. [4]
- e) Define a function in python with its syntax. [4]

**PART - B****5 × 8 Marks = 40**

2. Explain the basic concepts of scripting languages. [8]
- OR**
3. Discuss the Scalar expressions in PERL with examples. [8]
4. Explain how PERL is interfaced with operating system. [8]
- OR**
5. Illustrate how PHP code is embedded in web pages with an example. [8]
6. Briefly explain how PHP is used for authentication with an example. [8]
- OR**
7. Write a snippet of code for sending email using PHP. Explain its working. [8]
8. Explain the basic concepts of TCL. Why TCL is used? [8]
- OR**
9. Why tk is used? Explain tk with an example. [8]
10. Distinguish between Modules and Built-in functions in python. Explain with examples. [8]
- OR**
11. Discuss web application framework in python in detail. [8]

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