

Code No: 821AH

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, April/May - 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) Write down the characteristics of scripting languages. [5]
- b) Give a brief account on dirty hands of internet programming. [5]
- c) Discuss briefly about md5( ) function in PHP. [5]
- d) Briefly explain about regexp command in Tcl. [5]
- e) What are the built-in functions available in python? Discuss briefly. [5]

**PART - B****5 × 10 Marks = 50**

- 2.a) Write a script to find whether the given string is a palindrome or not.
- b) Write the differences between visual scripting and web scripting. [5+5]

**OR**

3. Explain the concept of hashes and subroutines in PERL with example scripts. [10]

4. Discuss how to create internet ware applications using PERL scripts with an illustration example. [10]

**OR**

- 5.a) Write about string interpolation in PHP.
- b) Describe the procedure for embedding multiple PHP code blocks in web pages with an illustrative example script. [5+5]

6. List and explain various authentication methodologies implemented in PHP. [10]

**OR**

- 7.a) How to send email using PHP? Give the procedure.
- b) Explain the procedure to create and call functions in PHP. [5+5]

- 8.a) Describe various control flow commands in Tcl.
- b) Discuss briefly about patterns in TCL. [5+5]

**OR**

9. Explain the features and fundamental concepts of Tk. [10]

10. Define a module. How is it different from a function? Explain how to implement modules in python. [10]

**OR**

11. Explain the exception handling mechanism in python. [10]

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