



Code No: 821AH

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, August - 2017****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) Explain about pattern matching in PERL. [5]
- b) What are the values to be used in TEMPLATE? [5]
- c) Explain about sending e-mail using PHP script. [5]
- d) Describe eval function in TCL. [5]
- e) Explain about integrated Web application in Python. [5]

**PART - B****5 × 10 Marks = 50**

- 2.a) Discuss about Web scripting.
- b) Explain about the universe of scripting languages. [5+5]

**OR**

- 3.a) Discuss about regular expressions in PERL.
- b) Describe origin of scripting. [5+5]

- 4.a) Write list of features to check for a file or directory.
- b) Explain about outputting the data to the browser in PHP. [5+5]

**OR**

- 5.a) Explain about objects in PERL.
- b) Describe control structures in PHP. [5+5]

- 6.a) Discuss about file based authentication in PHP.
- b) Explain about opening a file in PHP. [5+5]

**OR**

- 7.a) Describe hard-coded authentication.
- b) Explain about the \$\_FILES array. [5+5]

- 8.a) Discuss about exec and uplevel commands in TCL.
- b) What are fundamental concepts of Tk? [5+5]

**OR**

- 9.a) Explain about namespaces in TCL.
- b) Discuss about events and binding in Tk. [5+5]

10. Explain the following with respect to Python:  
a) Lists and loops    b) Web application framework. [5+5]

**OR**

11. Explain the following with respect to Python:  
a) Built-in functions and methods    b) Modules [5+5]

