

Code No: 821AH

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]