

Code No: 821AH

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA II Semester Examinations, January - 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) Compare and contrast arrays and list in Perl. [5]
- b) Write a short note on string interpolation in Perl. [5]
- c) Write a program in PHP to perform arithmetic operations using functions. [5]
- d) Explain installation, compiling, and executing TCL/TK programs in Linux. [5]
- e) Illustrate the importance of Web Application Framework. [5]

PART - B**5 × 10 Marks = 50**

- 2.a) How would you organize Names and Values, Variables in PERL.
- b) Classify the Characteristics of Scripting Languages. [5+5]

OR

- 3.a) Explain Names and Values in PERL.
- b) Write a web Scripting program that display user name and password field in PERL.[5+5]

- 4.a) Write a PERL script program to change the case of the text entered in a text box.
- b) Explain about the various servers in PHP and its importance. [5+5]

OR

- 5.a) Illustrate how packages are created in PERL with an example.
- b) What is meant by a function call in PHP? List the advantages of functions. [5+5]

6. What is a File. Write a program in PHP that uploads and downloads a document. [10]

OR

7. Explain steps how to connect database in PHP with an example program.. [10]

- 8.a) Differentiate actual and formal parameter in TCL.
- b) Explain about the Tk-Visual Tool Kits with examples. [5+5]

OR

- 9.a) How to create an Internet application in TCL. Explain the associated namespace.
- b) Give an overview of Nuts and Bolts of Internet Programming. [5+5]

10. How Python can be used for web development. List out Web Frameworks for Python. [10]

OR

- 11.a) What is Python? Compare it with other technologies.
- b) Classify the different modules in Python. [5+5]

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