

R17**Code No: 842AC****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, May - 2022****SCRIPTING LANGUAGES****Time: 3 Hours****Max.Marks:75**

Answer any five questions
All questions carry equal marks

- 1.a) What are the features that characterize scripting languages?
b) What activities does traditional scripting include? Explain. [8+7]
- 2.a) Illustrate the simple uses of regular expressions in Perl.
b) Describe semi private variables with illustrations. [8+7]
- 3.a) Which features of PHP attract both new and expert programmers alike? Explain them.
b) How to aggregate functions together as libraries and include them into the script? [8+7]
- 4.a) With examples, explain complex array manipulation tasks in PHP.
b) Discuss validation of web forms. Quote common predefined validation rules. [8+7]
- 5.a) Explain the configuration directives pertinent to PHP's mail function and give examples to highlight this function's usage variations.
b) How to encrypt data with MCrypt package? [8+7]
- 6.a) Illustrate PHP authentication mechanisms.
b) Create a web page for your department using PHP. [8+7]
- 7.a) Discuss the fundamental concepts of Tk.
b) "Eval is a general purpose building block for creating and executing Tcl scripts". Comment. [8+7]
- 8.a) How exceptions are handled in Python?
b) What is a module in Python? Discuss any three modules being widely used by programmers. [8+7]

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