

**R15****Code No: 821AH****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, October/ November - 2020****SCRIPTING LANGUAGES****Time: 2 Hours****Max.Marks:75**

**Answer any five questions**  
**All questions carry equal marks**

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- 1.a) What are the applications of Scripting Languages?  
b) Write a Perl script to find whether given string is a palindrome or not. [15]
2. Illustrate the Control Structures supported by Perl with syntax and examples. [15]
- 3.a) Discuss about various security issues in Perl in detail.  
b) What is Dirty Hands Internet Programming? [15]
- 4.a) Illustrate the concept of string interpolation in PHP with an example.  
b) Distinguish pass by value and pass by reference mechanisms in PHP. [15]
5. Explain about Database based and IP based authentication methodologies. [15]
- 6.a) What are the advantages of Mcrypt Package in PHP? Write PHP script to using Mcrypt package.  
b) How to embed a PHP code in to web pages? Explain it with an example. [15]
7. What are the benefits of Visual Tool kit? Discuss about the concept of Events and Binding in tk. [15]
8. Describe Exception Handling Mechanism in Python with suitable examples. [15]

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