



Code No: 821AH

R15**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, June/July - 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) What is scripting language ? Give the short note on the properties that differentiate scripting languages from programming languages. [5]
- b) Explain very briefly about an essential features of PHP language? Mention the various limitations of PHP. [5]
- c) With the help of an example, explain about the authenticating users by IP address in PHP? [5]
- d) Explain about how TCL is an Event Driven Programming language? [5]
- e) What is a module in Python? Illustrate with an example about how to create and use the module in Python? [5]

PART - B**5 × 10 Marks = 50**

- 2.a) Explain how web is one of the most fertile areas for applications of scripting languages?
- b) What are the regular expressions? Explain about pattern matching and substitution operators in PERL? [5+5]

OR

- 3.a) Explain about essential application areas of scripting languages.
- b) Explain various control statements in PERL with suitable examples. [5+5]
- 4.a) Explain the following file handling functions in perl:
i) open () ii) tell () iii) seek ()
- b) Write a perl program to copy the content of a file to another file. [6+4]

OR

- 5.a) With the help of an example, explain how perl is used to create internet ware applications?
- b) Write a php code to include the list of items in the ordered form into web page? [5+5]
- 6.a) Explain the different types of errors in PHP with suitable examples.
- b) Explain the procedure to send an email using PHP? Give an illustrative example. [5+5]

OR

7. Describe the process to build and bring a website 'live' on the World Wide Web using PHP. [10]

- 8.a) Write a TCL script to check the given number is palindrome or not.
b) Explain about security issues while using TCL on developing web applications. [5+5]

OR

9. Explain perl tool kit ? Explain how it is different from Tcl/Tk. [10]
10. Explain with an example about any TEN built-in functions in Python. [10]

OR

- 11.a) Describe the exception handling in Python?
b) Explain the following statements.
i) Import....as ii) From import. [5+5]

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