



Code No: 842AC

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA II Semester Examinations, April/May - 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) What is the phenomenon of Perl? Explain about hashes. [5]
- b) Discuss about objects in detail. [5]
- c) What are features of PHP? Explain. [5]
- d) Explain about variables and data in the Tcl. [5]
- e) What are Python statements? Explain. [5]

**PART - B****5 × 10 Marks = 50**

2. What are uses for scripting languages? Explain in detail. [10]
- OR**
- 3.a) What are characteristics of scripting languages? Explain. [5+5]
- b) Explain about working with arrays and lists in Perl.
- 4.a) Explain about data structure and packages in Perl.
- b) Discuss about dirty hands interment programming. [5+5]
- OR**
- 5.a) Describe modules in Perl.
- b) Explain about interfacing to the operating system in Perl. [5+5]
- 6.a) Discuss about string interpolation in PHP.
- b) Explain functions of merging, slicing, splicing and dissecting arrays. [5+5]
- OR**
- 7.a) Describe creating function and passing arguments in PHP.
- b) What are file inclusion statements in PHP? Explain with examples. [5+5]
- 8.a) How to work with files and pipes in Tcl? Explain with examples.
- b) What is a procedure? Explain procedures in Tcl with examples. [5+5]
- OR**
9. What are fundamental concepts of Tk? Explain in detail. [10]
10. Explain the following:  
a) Loops in Python    b) Web application framework. [5+5]
- OR**
11. Explain Exception handing in python. [10]

---ooOoo---

