



Code No: 824AA

**R15****JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA IV Semester Examinations, April/May - 2019****WEB TECHNOLOGIES****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) Briefly describe the data types of PHP. [5]
- b) What is DTD? Give an example. [5]
- c) What is CGI? [5]
- d) Write a short note on implicit JSP objects. [5]
- e) What do you mean by client side scripting languages? List alternatives for Java script. [5]

**PART - B****5 × 10 Marks = 50**

2. What is a PHP Session? Explain with an example. [10]
- OR**
3. Briefly describe various file handling functions in PHP. [10]
4. Explain the following terms. [10]  
a) SAX parser    b) XML XSLT    c) XML namespaces
- OR**
5. Explain different ways of accessing nodes in DOM. [10]
6. What is Servlet? Describe the life cycle of a Servlet. [10]
- OR**
7. What are cookies? Explain how to set and get cookies using an illustrative example. [10]
8. Describe session management in JSP? [10]
- OR**
9. Write a JSP page with validation and formatting Using a Bean? [10]
10. Explain Control structures in JavaScript. [10]
- OR**
11. Write a simple AJAX script to update a small portion of a web page for every 10 seconds. [10]

---ooOoo---

