

**R15**

Code No: 824AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**MCA IV Semester Examinations, June/July - 2018****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) How can we get seconds of the current time using date function? [5]
- b) What are the advantages of XML? [5]
- c) Explain difference between GET and POST method. [5]
- d) What are the differences between custom JSP tags and Servlets? [5]
- e) Explain how to embed JavaScript code in an HTML document? [5]

PART - B**5 × 10 Marks = 50**

- 2.a) With an example explain arrays in PHP. [5+5]
- b) How to execute simple queries in PHP?
- OR**
3. Explain read and write operation of file in PHP. [10]
- 4.a) Define XML. Give examples to define the attributes and values of XML
- b) Explain how XML parsing is done with SAX? [5+5]
- OR**
- 5.a) What is DTD? Explain in detail.
- b) Explain the components of XML document. [5+5]
- 6.a) How does the HTTP requests and responses are handled?
- b) Explain the cookies in Servlets. [5+5]
- OR**
7. Explain different types of statements in JDBC. [10]
- 8.a) What are the two ways to include the result of another page?
- b) Explain how to use JavaBeans from JSP pages. [5+5]
- OR**
9. Describe various categories of JSP tags - Directives, Scripting elements, Actions? [10]
- 10.a) Write a JavaScript that reads list of ten numbers and displays the count of negative numbers, positive numbers and zeros from the list.
- b) Explain the need for scripting languages in web programming. [5+5]
- OR**
- 11.a) What is form validation explain with example?
- b) What is JavaScript? Write the features of JavaScript? [5+5]

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