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Code No: 844AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Examinations, December - 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) What is the importance of cookies? How does PHP support them? [5]
b) Which data types are used in XML schema? [5]
c) What are the common problems of common gateway interface technology? [5]
d) Give the anatomy of a java server page. [5]
e) List the properties and methods of JavaScript array. [5]

PART - B

5 × 10 Marks = 50

2. Write a PHP program to display bill amount of a customer against customer number. Database customer table will have these details. [10]

OR

3. Explain various file operations in PHP file handling with suitable code segments. [10]

4. How can both internal and external DTDs be used in an XML file? Explain with examples. [10]

OR

5. Write a program to display the content of a DOM tree and also discuss the procedure for manipulating it. [10]

6.a) Describe servlet architecture with suitable figure.
b) Differentiate between generic servlet and http servlet. [5+5]

OR

7. What are the two ways of passing parameters to a servlet? Explain briefly with necessary code. [10]

8.a) Explain about the implicit objects in JSP.
b) How is data shared between java server pages? Give illustration. [5+5]

OR

9. Explain the basic steps to be followed by java server page to work with java database connectivity. [10]

10.a) Demonstrate function overloading in JavaScript.
b) How to associate functions with objects in JavaScript? [5+5]

OR

11. Write a script to manipulate a HTML document using document object model interface and explain its working. [10]

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