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Exam.Code:0918  
Sub. Code: 6955

1079  
B.E. (Computer Science and Engineering) Sixth Semester  
CSE-611: Web Technologies

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Attempt the following:-

- How WWW is different from Internet? Discuss in brief.
- Differentiate between HTML and DHTML.
- What is the purpose of cookies? Discuss in brief.
- How multiple inheritance can be realized in Java? Discuss in brief.
- What is XML DTD? What is its use?

(5x2)

UNIT - I

- II. a) What a note on the history of Internet and WWW.  
b) Demonstrate the use of following HTML tags with suitable examples:  
<form>, <a>, <li>, <head>

(2x5)

III. a) Write HTML code to display the following table:

Project No.	Project Name	Team Members
PR001	Object Detection System	<ul style="list-style-type: none"><li>Mr. Amit Kumar</li><li>Mr. Sunil Singh</li></ul>
PR002	Face Recognition System	<ul style="list-style-type: none"><li>Ms. Kritika Narang</li><li>Mr. Ramanpreet Singh</li><li>Ms. Arpan Kaur</li></ul>

- b) Discuss any two types of Internet connections and compare them. (2x5)

- IV. a) Write JavaScript code to validate a phone number. Appropriately assume any required information yourself.  
b) What do you understand by JavaScript DOM? Discuss in detail highlighting important objects of this model. (2x5)

- V. a) What is the use of try and catch keywords in Java? Discuss with the help of an example.  
b) What are the different types of operators available in PHP? Discuss with suitable examples. (2x5)

P.T.O.

(2)

- VI. What is AJAX? What are its advantages? Write suitable code to demonstrate the utility of AJAX with the help of an example. Appropriately assume any required information yourself. (10)
- VII. a) What is XML? What are its advantages? Briefly discuss the concept of XML elements and XML attributes.
- b) How connection to database can be established and SELECT query can be used to fetch data from the database using PHP. Discuss with the help of a suitable example. (2x5)

x-x-x