Code No: **R194205J**   **R19**   Set No. 1

IV B.Tech II Semester Regular Examinations, April– 2023
WEB TECHNOLOGIES
(Open Elective Except for Computer Science & Engineering and Information Technology)

Time: 3 hours   **Max. Marks: 75**

Answer any FIVE Questions
ONE Question from Each unit
All Questions Carry Equal Marks
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UNIT I

1. a) What is a suitable procedure to integrate different style sheets into website? Explain [7]
   b) Define frame. Create a HTML page that displays multiple frames in a window. [8]

(OR)

2. a) Explain about standard HTML Document structure. [7]
   b) How can we create hyperlinks in HTML web page? Explain with it attribute and attribute values. [8]

UNIT II

3. a) What are Angular JS expressions and how to use them with arrays, objects and strings? [7]
   b) What are control statements in Javascript? [8]

(OR)

4. a) Explain the steps How AngularJS integrates with HTML? [7]
   b) What are functions in Javascript and how to create and use them? [8]

UNIT III

5. a) What are XML schemas and what is their role in defining the structure of an XML document? [7]
   b) What is AJAX, and how is it used to improve web page interactivity and user experience? [8]

(OR)

6. a) Explain the process of validating an XML document using a DTD or an XML schema? [7]
   b) Describe the process of AJAX request and response handling, including error handling and debugging techniques. [8]

UNIT IV

7. a) Describe the process of creating and running a PHP script. [7]
   b) How do conditional statements work in PHP? Provide an example of an if-else statement. [8]

(OR)

8. a) What is the difference between $_GET and $_POST in PHP? Give an example of when you would use each. [7]
   b) Explain the difference between include() and require() functions in PHP. [8]

UNIT V

9. a) What is the purpose of the request and response objects in a Servlet or JSP? [7]
   b) Explain the difference between document.ready() and window.onload() in jQuery. [8]

(OR)

10. a) How does PHP connect with a database? Explain with an example. [7]
    b) Explain the difference between a GET request and a POST request in HTTP. [8]