

III B. Tech II Semester Supplementary Examinations, December -2023**WEB TECHNOLOGIES**

(Com. to EEE,ECE)

Time: 3 hours

Max. Marks: 70

Answer any **FIVE** Questions **ONE** Question from **Each unit**

All Questions Carry Equal Marks

UNIT-I

1. a) Creating an HTML application that enables the user to select drag and drop image files that you render on the page. [7M]
b) Write a CSS rule that places a background image halfway down the page, tiling horizontally. The image should remain in place when the user scrolls up or down. [7M]

(OR)

2. a) What are the limitations of Document Type of Definitions (DTDs)? How these limitations are overcome using XML schema? [7M]
b) Write HTML code to create an application form with the following fields: Name, Address, Phone No. (With Country code), E-mail, DOB, gender with options, and Comment box, and the Buttons are: Submit and Clear. [7M]

UNIT-II

3. a) Write a JavaScript function to move user-influenced data from one page to another without server intervention using (i) Browser cookies (ii) Framesets. [7M]
b) Write a JavaScript program to count the frequencies of words typed in a text area field and display the result in a neat table. [7M]

(OR)

4. a) Discuss different techniques that are used to process XML files [7M]
b) Write a JavaScript code block to generate the current date in words, this should include the day, the month and the year. (Example: Today's date is 01-01-2023, and then the output should be as follows Sunday, January 01, 2023.) [7M]

UNIT-III

5. a) How to handle HTTP requests and responses in Servlets? Explain. [7M]
b) How to integrate the JSP Standard Tag Library into a user-defined JSP page? Explain with an example. [7M]

(OR)

6. a) Discuss the installation and configuration of the Tomcat webserver. [7M]
b) Discuss the standard UI Components in JSF. [7M]

UNIT-IV

7. a) Discuss string processing operation in PHP programming with suitable examples.. [7M]
b) What is the recursion? Write a program to demonstrate recursive function call in PHP programming. [7M]

(OR)

8. a) How to handle responses in PHP? Explain with an example. [7M]
b) What is meant by a global constant? How to define a global constant in PHP? Explain. [7M]

UNIT-V

9. a) Write servlets code to access the database. [7M]
b) Write PHP code to fetch rows from the database table and display the number of rows fetched along with the content of each row. [7M]
- (OR)
10. a) How to connect to the database using PHP? Explain with an example code. [7M]
b) Write a JSP program to store user details in a database using JDBC. JSP page must read user details like name, gender, date of birth, address, email-id, phone number, etc. from the Registration form. [7M]