

O.P.Code: 24mca110	Regulation2022	H.T.No.										
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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
 (AUTONOMOUS)

**MCA I Year II Semester Regular & Supplementary Examinations June/July-2025**  
**WEB TECHNOLOGIES**

**Time: 3 Hours**

**Max. Marks: 60**

(Answer all Five Units  $5 \times 12 = 60$  Marks)

**UNIT-1**

1. a) What do you mean by FRAME? How these can be created in webpage?  
 b) Explain the <FRAME>, <FRAMESET> tags. [06M]

[06M]

**OR**

2. a) Explain the structure of HTML program.  
 b) What are the merits and demerits of html? [06M]

[06M]

**UNIT-2**

3. a) Explain various comparison operators in JavaScript  
 b) Build a JavaScript application to demonstrate Logical operators. [06M]

[06M]

**OR**

4. Choose various conditional statements in JavaScript with an example  
 program. [12M]

[12M]

**UNIT-3**

5. List implicit objects in JSP. Explain clearly. [12M]

6. Create simple JSP page and explain the steps involved with it. [12M]

**UNIT-4**

7. a) How will you define a function in PHP? Explain.  
 b) Develop PHP program to illustrate a function. [05M]

[07M]

**OR**

8. Explain the process of handling a form with example. [12M]

**UNIT-5**

9. Analyze and explain request s handle in AJAX? [12M]

10. Clearly explain with steps to access the database in AJAX? [12M]