

**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. Design a webpage which shows the information of an organization.

[12M]

**OR**

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

[06M]

[06M]

**UNIT-2**

3. Design a web page to demonstrate array objects in JavaScript.

[12M]

**OR**

4. Identify various math and date objects in Java Script and explain with examples .

[12M]

**UNIT-3**

5. Create simple JSP page and explain the steps involved with it.

[12M]

**OR**

6. Analyze with steps to handle http request and response.

[12M]

**UNIT-4**

7. a) List and discuss various data types available in PHP.  
b) Explain String of PHP in detail.

[06M]

[06M]

**OR**

8. a) What is an array in PHP?  
b) Design a sample program to demonstrate array.

[05M]  
[07M]

**UNIT-5**

9. a) What is AJAX? Why AJAX is necessary?  
b) Explain XMLHttpRequest of AJAX in detail.

[06M]  
[06M]

**OR**

10. Clearly explain with steps to access the database in AJAX?

[12M]