

**BACHELOR OF TECHNOLOGY (CBCS - 2023)**  
**B. Tech. Sem-I INFORMATION TECHNOLOGY : SUMMER : 2024**  
**SUBJECT: WEB TECHNOLOGIES**

Day : Thursday  
Date : 16/05/2024

S-27660-2024

Time : 10:00 AM-01:00 PM  
Max. Marks : 60

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- 3) Draw neat labeled diagrams **WHEREVER** necessary.
- 4) Assume suitable data if necessary.

- Q.1 Draw and explain HTTP Client Server Architecture. (10)
- OR
- Q.1 Distinguish between Web browsers and web servers. (10)
- Q.2 Discuss HTML elements in detail. (10)
- OR
- Q.2 What are Internal Style sheets? Explain with suitable example. (10)
- Q.3 Justify use of JavaScript in web development. (10)
- OR
- Q.3 Discuss Bootstrap elements in detail. (10)
- Q.4 What are Document Type Definitions? Explain with examples. (10)
- OR
- Q.4 Discuss XSL (eXtensible Style Sheet Language) in detail. (10)
- Q.5 Justify how Design Thinking is useful in GUI designing. (10)
- OR
- Q.5 Illustrate how Good Design is beneficial in Human Computer Interaction. (10)
- Q.6 Examine web interfaces and its use in design process. (10)
- OR
- Q.6 Enlist and Explain Golden Rules of HCI. (10)

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