

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

Day : Thursday  
Date : 12/12/2024

W-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** Discuss HTTP Request and Response messages with neat diagram. (10)

OR

**Q.1** Distinguish between web browsers and web servers. (10)

**Q.2** What are style sheets? Enlist and explain CSS features in detail. (10)

OR

**Q.2** Distinguish between HTML and HTML5. (10)

**Q.3** Enlist and explain JavaScript Operators in detail. (10)

OR

**Q.3** Illustrate use of jQuery in JavaScript. (10)

**Q.4** Distinguish between HTML and XML. (10)

OR

**Q.4** Discuss Document Type Definitions (DTD) in detail. (10)

**Q.5** Illustrate characteristics of Graphical User Interface and how it is useful in website designing. (10)

OR

**Q.5** Enlist and explain Principle of User Interface in HCI. (10)

**Q.6** Justify benefits of screen planning in designing websites. (10)

OR

**Q.6** Discuss Game designing with suitable case study. (10)

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