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| **TEST – II** | | | |
| **Course** | **:**  **Web Technology and its applications** | **Academic Year :** | **2022– 23** |
| **Course Code** | **:**  **20IS/CS43/20CI52** | **Date :** | **13/09/2023** |
| **Sem / Branch** | **: IV /V** | **Max. Marks :** | **25** |
| **Department** | **: ISE/CSE/AIML** | **Duration :** | **1 Hour** |

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| **INSTRUCTION TO STUDENTS**  **Answer one question from each Module** | | | | | |
| **MODULE – III** | | | | | |
| **Q. No.** | |  | **Marks** | **BL** | **CO** |
| **1.** | **a)** | Explain the features of JavaScript | **4** | **L2** | **CO1** |
| **b)** | Illustrate the functions of JavaScript functions with an example | **4** | **L3** | **CO2** |
| **c)** | Design a JavaScript code for a simple calculator to perform the following operations sum, product, difference and division | **4** | **L4** | **CO3** |
| **MODULE – IV** | | | | | |
| **2.** | **a)** | Compare and write the differences between XML and XHTML | **6** | **L2** | **CO1** |
| **b)** | Design an XML document to store voter Id, voter name, address, date of birth. Create DTD file to validate the document | **7** | **L3** | **CO2** |
| **OR** | | | | | |
| **3** | **a)** | Explain the structure of XML with an example | **6** | **L2** | **CO1** |
| **b)** | Design an XML document to generate XML file for the Purchase order example | **7** | **L3** | **CO2** |

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| **Course Outcomes** | |
| **CO1** | **Explain** basic concepts of web development. |
| **CO2** | **Apply** concepts of web technology to create dynamic web pages. |
| **CO3** | **Design** and develop static and dynamic web pages. |
| **CO4** | **Design** and develop web-based solutions for societal problems. |