

8. a. What are CSS selectors? Describe the difference between class selectors, id selectors, and element selectors with examples. . CO1 K2
(Or)
b. Demonstrate how to apply different borders to each side of a box using CSS. Explain the role of side-specific border properties. CO2 K3
9. a. Create a simple XML document with a root element <book> containing child elements <title>, <author>, and <year>. Co3 K3
(Or)
b. Explain the purpose of XML namespaces and describe how they help prevent element name conflicts in XML documents. CO3 K2

Part – C

Answer the following

Answer should not exceed 800 words or four pages

3 X 12 = 36

10. a. Describe the different types of lists in HTML. Write code snippets to create an ordered list, unordered list, and description list. Explain scenarios where each type is used. CO1 K2
(Or)
b. Design a form to register users on a website with fields for username, password, email, gender (radio buttons), and hobbies (checkboxes). Include submit and reset buttons. Explain the role of each form element and attribute used in forms. CO1 K6
11. a. Analyze the effect of CSS styling on a paragraph using color, font, border, outline, and margin CO2 K4
(Or)
b..Create a horizontal nav menu with hover effects using CSS. Evaluate and justify your styling choices CO2 K5.
12. a. Analyze how different JavaScript operators work in expressions with examples. CO3 K4
(Or)
b. Apply CSS to an XML document using proper linking. Provide XML and CSS code to display the breakfast menu CO3 K3
