COURSE NAME: UI Web Development Course Code: MR23-1CS0102

UNIT -1

1. Define Web Publishing. Give an example. **(Easy)**
2. Explain about text formatting tags.**(Easy)**
3. What are anchor links? How to use them. **(Easy)**
4. What is HTML? Explain ordered and unordered list? **(Medium)**
5. Describe the structure of a HTML document. What is the difference between tag and attribute? Explain with an example? **(Medium)**
6. How do you insert an image in a Web Page? **(Medium)**
7. Illustrate <frameset> tag with example.**(Medium)**
8. List various HTML5 semantic tags. Explain with example any four of them**.(Hard)**
9. What are form controls in HTML? Design a form to collect students' basic information? **(Hard)**
10. What is a table? How to design a table within another table in HTML? **(Hard)**

UNIT -2

1. Give the core syntax of CSS. **(Easy)**
2. Discuss about types of CSS style sheets with an example **(Easy)**
3. Comparison between Universal selector and Element selectors with an example**. (Easy)**
4. What is the use of CSS selector? Explain element selector and ID selector with an example**. (Medium)**
5. Justify how do you color a hex in CSS? What is the difference between hex color 3 digits and 6 digits? **(Medium)**
6. Discuss briefly about CSS Text and Fonts. **(Medium)**
7. How do you describe a border in CSS? List the properties of CSS border with example program. **(Medium)**
8. What are CSS attribute selectors? Explain the types of attribute selector with a syntax and example. **(Hard)**
9. List the five CSS background properties that affect the HTML elements with examples. **(Hard)**
10. How to create a gradient shadow using CSS? Explain. **(Hard)**

UNIT -3

1. What is scope of a Variable in JavaScript Code? **(Easy)**
2. What is the difference between Java and JavaScript? **(Easy)**
3. Write the syntax of a JavaScript program. **(Easy)**
4. Explain operators in JavaScript. Write a JavaScript to find maximum of three given numbers. **(Medium)**
5. List and explain any two built in objects. **(Medium)**
6. How JavaScript can be embedded in an HTML page. **(Medium)**
7. Write a JavaScript to print all prime numbers from 1 to 100. **(Medium)**
8. Explain Alert box, Prompt box, Confirm box in JavaScript with examples. **(Hard)**
9. Discuss about different types of data types supported by JavaScript. **(Hard)**
10. What are different types of Type Conversions? Explain with examples. **(Hard)**

UNIT -4

1. Explain the various looping statements in Java script. **(Easy)**
2. Write a JavaScript to find factorial of a number. **(Easy)**
3. What is an array object? How to create an array object? **(Easy)**
4. Write a JavaScript code which checks the contents entered in a forms text element. If the text entered is in the lower cases convert to upper case.   **(Medium)**
5. What are functions? Explain how to create and call functions? **(Medium)**
6. Write a JavaScript code to find sum of N natural numbers using user defined function. **(Medium)**
7. List any three global functions of JavaScript with its purpose. **(Medium)**
8. Explain passing parameters in JavaScript with example program. **(Hard)**
9. Explain match (), search () and split (), the pattern matching methods of string. **(Hard)**
10. Explain about Function definition, Function calling, Function parameter, return type with a suitable example in JavaScript. **(Hard)**

UNIT -5

1. Define Bootstrap Container, and explain how it works? **(Easy)**
2. Explain the types of spinners that you can create using Bootstrap. **(Easy)**
3. Brief about Bootstrap Typography. **(Easy)**
4. What is bootstrap pagination and explain how they are classified.**(Medium)**
5. Write a Bootstrap program to create Progress Bars. **(Medium)**
6. Explain Bootstrap Grid System with example. **(Medium)**
7. In Bootstrap, how do you make navigation elements? Explain with an example. **(Medium)**
8. Explain how to create Alerts in Bootstrap and bootstrap cards. **(Hard)**
9. Explain the implementation of a carousel in bootstrap. **(Hard)**
10. Discuss in detail about Bootstrap components. **(Hard)**