WEB TECHNOLOGY AND ITS APPLICATIONS(17CS71)

ASSIGNMENT – 1

Module - 1

1. Explain the role of <ul> and <ol> HTML tags with syntax and examples.
2. Explain the need of 'cascade' in CSS. Illustrate three principles of cascade with suitable CSS script segments.

3. Explain two types of URL referencing techniques with suitable scripts in HTML5.

4. Explain with syntax and script segments:

    i) <nav> ii) <section> iii) <aside> iv) <a> v) <img>   vi) <p>   vii) <div>

5. Briefly explain the history of markup languages.
6. Write a note on XHTML and HTML5
7. With an example explain different levels of style sheets.
8. List the different selectors available in CSS and explain in detail.
9. What are the three aims of HTML5 and expand the following:

    HTML, XML, DOCTYPE, PHP, WHATWG
10. List out the three types of lists and explain them with an example.
11. Define CSS and list out its benefits with explanation.
12. Explain in detail the CSS Box model in detail.
13. Apply CSS to a web page with the following requirements
    (i) Paint the background gray
    (ii) Paint the sidebar yellow
    (iii)Set the artist h1 to be only uppercase
    (iv) Set the title h2 to be uppercase-first letter
    (v) Set a line spacing between the lines
    (vi) Set letter spacing between the letters in each span of type instruction
14. Create a website for a online super market. Your website should have a home page which helps the users to navigate to various other pages. Every web page in the website gives a detailed description of different items

present in the super market. Make the website user friendly by adding relevant images and other formatting options. The last web page should present a feedback form for the customer.

15. Explain how CSS Interacts with a neat examples?

16. Write a JavaScript that calculates the squares and cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format.

17. Write a note on the following
    i)   Different approaches to CSS Layout
    ii)   CSS framework

Module – 2

1. Compare radio and check box controls of HTML5 with examples.

2. Explain the structure of <form> element with an example. Illustrate the role of action and method attributes.

3. Explain different forms of text input controls with examples.

4. Explain different form widgets created with the <input> tag.

5. Write HTML code for the following table:

Time Day		9.00 am to 1.15 pm	2.00 pm to 5.00 pm
Mon to Fri	Sub	Theory class	ML/WTA Lab
	FI	ABC/EFG/XYZ	AD block, 1st *floor
Sat	Sub	Extracurricular activity	
	FI		

6. Apply the following table elements to display the following table :
     Table elements: table, td, tr, th, tbody, tfoot, thread

SLNO	USN	NAME	DEPT
1			

2			
Total No. of rows	2	-	-

7. Explain with a neat diagram how form works? Discuss about query string and microformats.