**DON BOSCO INSTITUTE OF TECHNOLOGY**

**Kumbalagodu, Bangalore-560074**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**18CS63 - Web Technology and Its Applications – Assignment 1**

# Batch – 1

1. Briefly explain the history of markup languages.
2. Mention the differences between XHTML and HTML5.
3. Explain : i) <a> ii) <img> iii) <p> iv) <div> elements with examples.
4. With an example explain different levels of style sheets.
5. List the different selectors available in CSS and explain in detail

# Batch – 2

1. Explain different form widgets created with the <input> tag.
2. Write HTML code for the following table :

|  |  |  |  |
| --- | --- | --- | --- |
| **Ti**  **D** | **me ay** | **9:00 AM To**  **1:15 PM** | **2:00 PM To**  **5:00 PM** |
| Monday - Friday | SUB | Theory Class | WP/ML Lab |
| FI | A-336 | Ground Floor |
| Saturday | SUB | Extra Curricular Activities | |
| FI |

1. Explain the role of <ul> and <ol> HTML tags with syntax and examples.
2. Explain the need of ‘cascade’ in CSS. Illustrate three principle od cascade with suitable CSS script segments.
3. Explain class selector and pseudo selectors of CSS with relevant scripts.

# Batch – 3

1. Explain two types of URL referencing techniques with suitable scripts in HTML5.
2. Explain: i) <nav> ii) <section> iii)<aside> HTML elements with suitable scripts in

HTML5.

1. Explain the following CSS properties with suitable examples.
   1. float
   2. position
   3. overflow
2. Compare radio and check box controls of HTML5 with examples.
3. Explain the structure of <form> element with an example. Illustrate the role of action and method attributes.

# Batch – 4

1. What are the three aims of HTML5 and expand the following: HTML, XML,

DOCTYPE, PHP, WHATWG

1. List out the three types of lists and explain them with an example.
2. Define CSS and list out its benefits with explanation.
3. What are selectors? List and explain selectors with an example.
4. Explain with a neat diagram how form works? Discuss about query string and micro formats.