

# Website Designing - Html5 Assignment

## Theory Assignment

### ❖ Question 1: Difference b/w HTML & HTML5?

ANSWER:-

#### ➤ Difference Between HTML And HTML5

Aspect	HTML	HTML5
<b>Definition</b>	Older version of Hyper Text Markup Language.	The latest version of HTML with new features.
<b>Multimedia Support</b>	No direct support for audio/video tags.	Introduced <b>&lt;audio&gt;</b> and <b>&lt;video&gt;</b> tags for embedding media.
<b>Doctype Declaration</b>	Long and complex: <b>&lt;!DOCTYPE HTML PUBLIC...&gt;</b>	Simple: <b>&lt;!DOCTYPE html&gt;</b>
<b>Graphics Support</b>	Requires external plugins like Flash for graphics.	Supports graphics with <b>&lt;canvas&gt;</b> and <b>&lt;svg&gt;</b> elements.
<b>Browser Storage</b>	Only cookies are used for storage.	Adds <b>localStorage</b> and <b>sessionStorage</b> APIs.
<b>Form Elements</b>	Limited types of inputs (text, password, etc.)	New input types like email, date, range, search, color, etc.
<b>Mobile Compatibility</b>	Not optimized for mobile devices.	Designed with mobile-first approach and responsive support.
<b>Parsing Rules</b>	No standardized parsing rules.	Consistent and standardized parsing rules across all browsers.
<b>APIs Support</b>	No built-in APIs.	Comes with APIs like Geolocation, Drag-and-Drop, Web Storage, etc.

❖ Question 2: **What are the additional tags used in HTML5?**

ANSWER:-

➤ **Additional Tags in HTML5:**

Tag	Description
<header>	Defines the header section of a page or section.
<footer>	Defines the footer section.
<nav>	Defines navigation links.
<section>	Defines a section in a document.
<article>	Represents an independent piece of content.
<aside>	Defines content aside from the main content.
<main>	Represents the main content of the document.
<figure>	Contains media with a caption.
<figcaption>	Caption for the <figure> content.
<mark>	Highlights text.
<time>	Represents time or date.

➤ **Multimedia Tags:**

Tag	Description
<audio>	Embeds sound/audio files.
<video>	Embeds video content.
<source>	Specifies multiple media sources.
<track>	Adds subtitles or captions to videos.

➤ **Graphics Tags:**

Tag	Description
<canvas>	Used to draw graphics via JavaScript.
<svg>	Scalable Vector Graphics (XML-based).