**HTML BASIC**

**Question 1**: Define HTML. What is the purpose of HTML in web development?

**Answer**: **HTML (HyperText Markup Language)** is the standard language used to create the structure of web pages. It uses tags to define elements like headings, paragraphs, images, and links. The main purpose of HTML in web development is to organize and display content in a structured format. It forms the foundation of a website and works with CSS and JavaScript to build complete web applications.

**Question 2:** Explain the basic structure of an HTML document. Identify the mandatory tags and their purposes.

1. **<!DOCTYPE html>**
   * Declares the HTML version (HTML5 here).
   * Helps the browser render the page correctly.
2. **<html>**
   * Root element of the HTML document.
   * Contains all other elements**.**
3. **<head>**
   * Contains meta-information about the document (like title, character set, links to CSS, etc.).
4. **<title>**
   * Sets the title of the web page (shown in the browser tab).
5. **<body>**
   * Contains the visible content of the web page such as text, images, links, etc.

These tags together form the basic skeleton of any valid HTML document.

**Question 3:** What is the difference between block-level elements and inline elements in HTML? Provide examples of each.

**Answer: Block-Level Element**

**🡪 It has start on a new line and take a full width.**

* **Structure used to structured content.**
* **It’s can content other block level and inline element.**

**EX:- <html>**

**<head>**

**<title></title>**

**</head>**

**<body>**

**<div>This is a block element</div>**

**<p>This is a paragraph</p>**

**<h1>This is a heading</h1>**

**</body>>**

**</html>**

**Inline Line Element:**

* **Do not start** on a new line.
* Take up **only as much width** as needed.
* Can contain **only text or other inline elements**.
* Used to **style or format** parts of the content.

**<head>**

**<title></title>**

**</head>**

**<body>**

**<span>This is an inline element</span>**

**<a href="#">This is a link</a></body>>**

**</html>**