

Assignment of Module 1 (HTML)

Que.1 Are the HTML tags and elements the same thing?

Ans.1 HTML Tags are building blocks of HTML Page. They tell the browser how it should display content to the user. A tag starts with a < bracket and ends with a > bracket. Most tags exist in pairs in HTML. Tags have an opening and closing part. They are similar, except the closing part has a / sign after the opening bracket.

HTML Element includes a start tag, content, and an end tag. HTML Elements are components of the web page. The <div></div> tags along with the content inside it becomes a component and HTML Element.

Examples of HTML Tags: <html>, <head>, <body>, <p>, <table>, <div> etc.,,

Examples of HTML Elements: <p> This is an HTML Element </p> : This paragraph is an example of an HTML Element. There is a start element, content, and an end tag.

Que.2 What are tags and attributes in HTML?

Ans.2 HTML tags are used to hold the HTML element, where HTML attributes are used to describe the characteristic of an HTML element in detail.

Example: <p align="center">This is paragraph.</p>. in this <p> is a tag and align="center" is a attribute that describe the content allignment is center.

Que.3 What are void elements in HTML.?

Ans.3 A void element is an element in HTML that cannot have any child nodes. Void elements only have a start tag; end tags must not be specified for void elements.

Example : <area>,
, <hr>, <input>, <embed>, <source> etc....

Que.4 What are HTML Entities?

Ans.4 HTML entities are the reserved characters that have special meaning when used in an HTML document. Each of these codes starts with an ampersand and ends with a semicolon.

Example: double quotation mark (")-"; single quotation mark (')-'; copyright(©)-©; pound (£)-£ etc.....

Que.5 What are different types of lists in HTML

Ans.5 There are 3 types of lists in HTML

1. **Unordered List** :An Unordered list is used to create a list of related items, in bulleted or unordered format. It starts with the tag, followed by the tag to show list items inside tag.

Item1

2. **Ordered List:** The Ordered lists have an order which is either numerical or alphabetical. The tag is used to create ordered lists in HTML and just like unordered list, we use tag to define or show lists inside tag.

```
<ol>

    <li>Item1</li>

    <li>Item2</li>

    <li>Item3</li>

</ol>
```

3. **Description List :** A description list is a type of list where each item has a description. It is also known as a definition list. The <dl> tag is used to create description list, the <dt> tag defines the item, and the <dd> tag describes each item in list.

```
<dl> <dt>Food</dt>

    <dd>- Food for all day</dd>

<dt>Exercise</dt>

    <dd>- Exercise is good for health</dd>

<dt>Music</dt>

    <dd>- Music is the soul of life dd>

</dl>
```

Que.6 What is the 'class' attribute in HTML?

Ans.6

The class attribute is often used to point to a class name in a style sheet. It can also be used by a JavaScript to access and manipulate elements with the specific class name.

```
<style>
.country {
    background-color: red;
    color: white;
    border: 2px solid black;
    margin: 20px;
    padding: 20px;
}
</style>
<body>
    <div class="country">
        <h2>England</h2>
        <p> The capital of England is London.</p>
    </div>
</body>
```

Que.7 What is the difference between the 'id' attribute and the 'class' attribute of HTML elements?

Ans.7

A Class name can be used by multiple HTML elements, while an ID name must only be used by one HTML element within the page.

Que.8 What are the various formatting tags in HTML?

Ans.8 the different HTML formatting tags:
 = bold text
<i> = displays the text in italics
<mark> = used to highlight a text
<sup> = superscript a text
<sub> = subscript a text on a web page

Que.9 How is Cell Padding different from Cell Spacing?

Ans.9 Cellpadding specifies the space between the border of a table cell and its contents. it defines the whitespace between the cell edge and the content of the cell.
Cellspacing specifies the space between cells. it defines the whitespace between the edges of the adjacent cells.

Que.10 How can we club two or more rows or columns into a single row or column in an HTML table?

Ans.10 with the help of colspan and rowspan, we club two or more rows or columns into a single row or column in an HTML table.

Que.11 What is the difference between a block-level element and an inline element?

Ans.11 A block-level element always starts on a new line, and the browsers automatically add some space before and after the element. Example:<p> & <div>
An inline element only takes up as much width as necessary. Example:

Que.12 how to create a hyperlink in html with example?

Ans.12 <a> tag defines a hyperlink.The most important attribute of the <a> element is the href attribute, which indicates the link's destination
Example: Tops Technologies

Que.13 What is the use of an iframe tag?

Ans.13 The most common use of an iframe is to load content from another site within the page. The child site can load its own content.Using an iframe is the accepted way to embed a YouTube video or Google Maps content.

Que.14 What is the use of a span tag? Explain with example?

Ans.14 The tag is an inline container used to mark up a part of a text, or a part of a document. The span tag is a paired tag means it has both open(<) and closing (>) tags, and it is mandatory to close the tag. The span tag is used for the grouping of inline elements & this tag does not make any visual change by itself. span is very similar to the div tag, but div is a block-level tag and span is an inline tag.

Que.15 How to insert a picture into a background image of a web page?

Ans.15 To add a background image on an HTML element, use the HTML style attribute and the CSS background-image property.

```
<style>
body {
    background-image: url('img_girl.jpg');
}
</style>
```

Que.16 How are active links different from normal links?

Ans.16 active links are displayed in red, while normal links are displayed in blue. Active links are in a temporary state that ends when the user stops interacting with the link. Normal links are in a permanent state until they are clicked on.

Que.17 What are the different tags to separate sections of text?

Ans.17
 tag: It is used to separate the line of text. It breaks the current line and shifts the flow of the text to a new line.

<blockquote> tag: This tag is used to define large quoted sections.

Que.18 What is SVG?

Ans.18 SVG is used to describe the vector or raster graphics. SVG images and their behavior are defined in XML text files.

```
<svg width="100" height="100">

    <circle cx="50" cy="50" r="40" stroke="yellow" stroke-width="4" fill="red" />

</svg>
```

Que.19 What is difference between HTML, and XHTML

Ans.19 HTML stands for Hypertext Markup Language. It was developed in 1991. The format is a document file format. All tags and attributes are not necessarily to be in lower or upper case. Filename extension used are .html, .htm.

XHTML stands for Extensible Hypertext Markup Language. It was released in 2000. The format is a markup language. In this, every tag and attribute should be in lower case. Filename extension are .xhtml, .xht, .xml.

Que.20 What are logical and physical tags in HTML?

Ans.20 Logical Tags are used in HTML to display the text according to the logical styles.

- <abbr> = Defines an abbreviation
- <address> = Defines an address element
- <ins> = Defines inserted text
- = Defines strong text

Physical Tags are used in HTML to provide actual physical formatting to the text.

- = Defines bold text
- <big> = Defines big text
- <i> = Defines italic text
- <sup> = Defines superscripted text
- <sub> = Defines subscripted text