**Module 3) HTML**

**Q1. Are the HTML tags and elements the same thing?**

**Ans:-** No the html tags and element are not same ,

Html tags are starting and ending part of and html element

<h1> </h1>

<p> </p>

<span> </span>

Html element :- The element between the starting and ending tags is called html elemen4t

**EX:-** <h1> Hello world</h1>

<p>This is Html Assignment </p>

**Q2. What are tags and attributes in HTML?**

**Ans:-** Tags:- Html tags are starting and ending part of and html element

Types of tags:-<html> </html>

<head> </head>

<title> </title>

<sub> </sub>

<b> </b>

<sup> </sup>

Attributes:- Attributes provide additional formation about element . Specified in the start tag. They help define the properties and behavior of elements, influencing how content is displayed and interacted with on the webpage.

**EX:-** <p align=”centre”>This is paragraph</P>

<h1 id=”top”>This is heading</h1>

**Q3. What are void elements in HTML? With Example.**

**Ans:-** There is a special group of elements that only have start tags and does not contain any content within it, these elements are called void elements.

**For ex:-** <br>, <hr> ,<img> ,<input>, <embed>, <meta>

**Q4. What are HTML Entities? With Example.**

**Ans.** ieces of text that are used to represent reserved characters, invisible characters, and special characters that are difficult to type on a standard keyboard in HTML documents.

**EX:-** < less than &lt;

£ pound &pound;

© copyright &copy;

**Q5. What are different types of lists in HTML? With Example.**

**Ans:-** There are three type of html list : 1)Ordered list 2)Unordered list 3)description list

**Ex:-1)Ordered list**:- <ol>

<li>item</li>

<li>item</li>

</ol>

**2) unordered list:-**

<ul>

<li>item</li>

<li>item</li>

</ul>

**3) description list:-**

<dl>

<dt>Bingo </dt>

<dd>One of me evening snacks </dd>

</dl>

<dl>

<dt>Gym </dt>

<dd>Good for health </dd>

</dl>

**Q6. What is the ‘class’ attribute in HTML? With Example.**

**Ans:-** The class Attribute specifies one or more class name for an element.

**Ex:-**<h1 class=”first”> </h1>

**Q7.What is the difference between the ‘id’ attribute and the ‘class’ attribute of HTML elements? With Example.**

**Ans:-** ID is used to indentify a single element, while a class can be used to identify multiple element.

ID are more specific than classes and are identified with a hash character (#) followed by the ID name. Class are identified with a period (.) followed by the class name.

**EX:-** <h1 class=”city”>Jaipur is pink city </h1>

:- <h1 class=”city”> Udaipur is white city </h1>

<h1 id= Jaipur”> Jaipur is pink city</h1>

<h1 id=”Udaipur”> Udaipur is white city </h1>

**Q8. What are the various formatting tags in HTML?**

1. <b> Bold Text
2. <strong>-important text
3. <i>-italic text
4. <em>-Emphasized text
5. <mark>-Marked Text
6. <sub>-subscript text
7. <sup>-superscript text

**Q9. How is Cell Padding different from Cell Spacing? With Example**.

**Ans:-** cell padding specifies the space between the border of a table cell and its contents while cell spacing specifies the space between adjacent cells.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport"

content="width=device-width,

initial-scale=1.0">

<title>Document</title>

</head>

<body>

<table border="1"

cellpadding="4"

cellspacing="5">

<thead>

<td><span>Name</span></td>

<td><span>Age</span></td>

</thead>

<tbody>

<tr>

<td>Deep</td>

<td>20</td>

</tr>

<tr>

<td>Ayush</td>

<td>25</td>

</tr>

<tr>

<td>Ridhav</td> .

<td>17</td>

</tr>

<tr>

<td>Ashok</td>

<td>15</td>

</tr>

</tbody>

</table>

</body>

</html>

**Q10.How can we club two or more rows or columns into a single row or column in an HTML table? With Example.**

**Ans:-**  In HTML, you can merge cells in rows or columns using the colspan and rowspan attributes. Colspan allows a cell to span the width of more

than one cell, while rowspan allows a cell to span the height of more than one cell

**Row Span Example:-**

<html>

<head>

</head>

<body>

<table align="center">

<tr>

<th>Name</th>

<th>Age</th>

</tr>

<tr>

<td>Akku</td>

<!-- This cell will take up

space on two rows -->

<td rowspan="2">44</td>

</tr>

<tr>

<td>fahad</td>

</tr>

</table>

</body>

</html>

**Colspan Example:-**

<html>

<head>

</head>

<body>

<table>

<tr>

<th>Name</tMh>

<th>Marks</th>

</tr>

<tr>

<td>Aman</td>

<td>10</td>

</tr>

<tr>

<td>riya</td>

<td>18</td>

</tr>

<tr>

<td colspan="2">Sum: 28</td>

</tr>

</table>

</body>

</html>

**Q11.What is the difference between a block-level element and an inline element?**

**Ans:-** **Block level element**

A block-level element always starts on a new line also A block-level element always takes up the full width available. Examples of block elements include <p>, <ol>, <ul>, <dl> <h1> <div> <table>

**Inline elements:-**

An inline element does not start on a new line. An inline element only takes up as much width as necessary. Examples <a>, <img>, <strong>, <sup>, <sub>, <i>, <b>,

**Q12. How to create a Hyperlink in HTML? With Example.**

**Ans:-** The HTML <a> tag defines a hyperlink

For example: <a href=” <https://github.com/>”> open github</a>

**Q13. What is the use of an iframe tag? With Example.**

**Ans:-** An HTML iframe tag, or inline frame, is used to embed another HTML document within a current HTML document. For example, you can use an iframe to load content from another site within a page, or to embed a YouTube video or Google Maps conte

**EX:-** <iframe

src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3672.7139491015287!2d72.60747387407395!3d22.99754401726405!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x395e85c2fc005927%3A0x918e69150ca1c935!2sTOPS%20Technologies%20-%20Best%20IT%20Training%20Institute%20in%20Ahmedabad!5e0!3m2!1sen!2sin!4v1716198179976!5m2!1sen!2sin"

width="100%" height="450" style="border:0 ;" allowfullscreen="" loading="lazy" style="align-items: center;"

referrerpolicy="no-referrer-when-downgrade">

</iframe>

**Q14. What is the use of a span tag? Explain with example?**

**Ans:-** The <span> element is an inline element, which means it does not create a line break before or after it.

<p>Tops is best institute for <span>IT training <span>and IT Related courses</p>

**Q15. How to insert a picture into a background image of a web page? With Example.**

**Ans.** By using the background image tag we can put the image in html .

<p style="background-image: url('img\_girl.jpg');">

**Q16. How are active links different from normal links?**

Ans. An active link is that line of code in action, opening that other resource.

**Q17.What are the different tags to separate sections of text?**

**Ans:-** <div> and <br> tag use to separate sections of text.

**Q18.What is SVG?**

**Ans:-** SVG stands for Scalable Vector Graphics.SVG graphics are scalable, and do not lose any quality if they are zoomed or resized.

**Q19. What is difference between HTML and XHTML?**

**Ans.** HTML and XHTML are both markup languages used to create web pages. However, XHTML is stricter than HTML and requires developers to write well-formed code that adheres to specific rules and guidelines. XHTML also requires all tags to be closed and all attributes to be quoted.

**Q20. What are logical and physical tags in HTML?**

**Ans:-** Logical Tags:- Logical Tags are used in HTML to display the text according to the logical styles.

**Ex:-** <address>, <cite>, <del>, <strong>

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

**Ex:-** <b>, <i>, <small>, <sup> <sub>

**Create below example using only HTML Tags without CSS.**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Assigment</title>

</head>

<body>

<table border="1px solid black">

<tr style="text-align: center;">

<td><a href="">Home </a></td>

<td><a href="">contact</a> </td>

<td><a href="">about </a></td>

<td><a href="">help</a> </td>

<td><a href=""> store</a> </td>

<td bgcolor="red"><a href=""> download<br> app</a></td>

</tr>

<tr>

<td colspan="6">

<img src="/image/door image.jpg" width="100%" height="100%" alt="" >

</td>

</tr>

<tr style="background-color: palevioletred;">

<td colspan="6" style="text-align: center;">Contact-us</td>

</tr>

<tr>

<td colspan="6">

<img src="/image/contactus.jpg" width="100%" height="100%" alt="">

</td>

</tr>

<tr style="text-align:center; background-color: skyblue;">

<th colspan="3" ><label for="">First-name</label>

<input type="text" value="" placeholder="Enter Your Name" required>

</th>

<th colspan="3"><label for="">Last-name</label>

<input type="text" value="" placeholder="Enter Your Name" required>

</th>

</tr>

<tr style="text-align: center; background-color: skyblue;">

<th colspan="3"><label for="">Email-id</label>

<input type="text" value="" placeholder="Email-id" required>

</th>

<th colspan="3"><label for="">Phone.No</label>

<input type="text" value="" placeholder="Enter Your Number" required>

</th>

</tr>

<tr style="text-align: center; background-color: skyblue;">

<td colspan="3" style="text-align: center;">

<label for="">City:-</label>

<select name="" id="">

<option value="">Ahmedabd</option>

<option value="">Rajokt</option>

<option value="">Surat</option>

<option value="">Baroda</option>

<option value="">Amreli</option>

</select>

</td>

<td style="text-align: center;" colspan="3">

<label for="">Gender:-</label>

Male

<input type="radio" value="" name="Gender">

Female

<input type="radio" value="" name="Gender">

Other

<input type="radio" value="" name="Gender">

</td>

</tr>

<tr>

<td colspan="3">

<iframe

src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d3672.7139491015287!2d72.60747387407395!3d22.99754401726405!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x395e85c2fc005927%3A0x918e69150ca1c935!2sTOPS%20Technologies%20-%20Best%20IT%20Training%20Institute%20in%20Ahmedabad!5e0!3m2!1sen!2sin!4v1716198179976!5m2!1sen!2sin"

width="100%" height="450" style="border:0 ;" allowfullscreen="" loading="lazy" style="align-items: center;"

referrerpolicy="no-referrer-when-downgrade"></iframe>

</td>

<td colspan="3">

<embed src="https://www.youtube.com/embed/RxD9yaL7sxQ?si=Pzpc0hcNKIx50No4" title="YouTube video player"

frameborder="0"

allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

referrerpolicy="strict-origin-when-cross-origin" allowfullscreen width="100%" height="500px">

</td>

</tr>

</table>

</body>

</html>