1. HTML Assignment

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

No tags and attributes not same because tags are starting with starting and ending tag **Ex:-**<p></p>

* + Elements means contain type between tags **Ex:-**<p>this is paragraph</p>

1. **What are tags and attributes in HTML?**
   * Tags are use in HTML they are useally enclosed in angle bracket **Ex:-** <H1></H1>
   * Attributes contain additional pieces of information attributes take the form of an opening tag and additional information is placed inside

**Ex:-** <p align=”center”> this is paragraph</p>

1. **What are void element in HTML?**
   * Void element only have Start tag end tags must not be specified For void element

**Ex:-** <img>

<Br>

<Hr>

1. **What are enitites** **in HTML?**
   * An html  entity a piece of text (“string”) that begins with an ampersand (&) and ends with a semicolon (;) entities are frequently used to display reserved characters

**Ex:**- & enitity \_name;

1. **What are different types of list in HTML?**
   * In HTML 3 types of list
2. Ordered list
3. Unordered list
4. Discription list

**-**Ordered list item will be marked by default number

**-**Unordered list item will be marked by default bullet

**6. What is ‘class’atribute in HTML?**

* The class attribute specifies one or more classnames for an element. The class attribute is mostly used to point to a class in a style sheet.

**Ex:-** <h1 class=”intro”>Header </h1>.

1. **What is the difference between I’d attributes and class attributes in HTML elements**

* I’d is unique in page and can apply to at only one most element while class sector can apply multiple elements

**8. what are the various formating tag in HTML ?**

* <B> bold text
* <Strong> important text
* <I> italic text
* <Em > emphasized text
* <Mark> marked text
* <Small> small text

**9. How is cell padding different cell spacing?**

* Cell padding is the space between the cell edges and the cell content.by default is padding 0
* Cell spacing is the space between each cell. By default the space is set to 2 pixels

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

* To club two or more columns into a single colum **:-**  colspan attribute is used
* To club two or more rows into a single row :- rowspan attribute is used.

**11. what is the difference between block elements and inline elements?**

* Block elements always takes full width browser automatically start with new line
* An inline element only takes up as much width as necessary.inline elements not Start new line

**12. how create hyperlink in HTML?**

* The HTML <a> tag defines a hyperlink.

**Ex:-** <a href=”url”>link text</a>

**13. What is an use of I frame tag?**

The <iframe> tag specifies an inline frame. An inline frame is used to embed another document within the current HTML document. Use CSS to style the <iframe>

**14. what is use of span tag? Explain With example**

* The <span> tag is much like the <div> element, but <div> is a block-level element and <span> is an inline element
* it is use for colour part of text **Ex:-** <p>My mother has <span style="color:blue">blue</span> eyes.</p>

**15. how to insert a picture into background image of web page?**

* <p style=”background-image: url(‘img\_baby.jpg’);”>

**16.what is difference between active link and normal link?**

* An normal link is underlined and blue
* A active link is underlined and red

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

* The <br> tag is one way to separate the lines of text. There are other tags like the <p> tag and <blockquote> tag that are also used to separate sections of text.

**18. What is SVG?**

* HTML SVG is used to describe the two-dimensional vector and vector or raster graphics. SVG images and their behaviors are defined in XML text files. So as XML files, you can create and edit an SVG image with the text editor. It is mostly used for vector type diagrams like pie charts, 2-Dimensional graphs in an X, Y coordinate system.

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

HTML is an application of Standard Generalized Markup Language. Whereas, XML is an application of Extensible Markup Language.

* The first one is a static Web Page whereas the later one is a dynamic Web Page.
* HTML allows programmer to perform changes in the tags and use attribute minimization whereas XHTML when user need a new markup tag then user can define it in this.
* HTML is about displaying information whereas XHTML is about describing the information.

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

* Logical tags are used to tell the meaning of the enclosed text. The example of the logical tag is <strong> </strong> tag. When we enclose the text in the strong tag, it tells the browser that enclosed text is more important than other texts.
* Physical tags are used to tell the browser how to display the text enclosed in the physical tag. Some of the examples of physical tags are <b>, <big>, <i>.

HTML 5

**1.What are the new tags added in HTML5?**

**<article>**

**<aside >**

**<audio>**

**<canvas>**

**<command>**

**<datalist>**

**<details>**

**<embed>**

**<figure>**

**2.How to embed audio and video in a webpage?**

How to embed audio in HTML?

To embed audio in HTML, we use the <audio> tag. Before HTML5, audio cannot be added to web pages in the Internet Explorer era. To play audio, we used web plugins like Flash. After the release of HTML5, it is possible. This tag supports Chrome, Firefox, Safari, Opera, and Edge in three audio formats – MP3, WAV, OGG. Only Safari browser doesn’t support OGG audio format.

**Syntax**:

**<audio>**

**<source src=”file\_name” type=”audio\_file\_type”>**

**</audio>**

How to embed video in HTML?

To embed video in HTML, we use the <video> tag. It contains one or more video sources at a time using <source> tag. It supports MP4, WebM, and Ogg in all modern browsers. Only Ogg video format doesn’t support in Safari browser.

**Syntax**

**<video>**

**<source src=”file\_name” type=”video\_file\_type”>**

**</video>**

**3.Semantic element in HTML5?**

* <article>
* <aside>
* <details>
* <figcaption>
* <figure>
* <footer>
* <header>
* <main>

**4.Canvas and SVG tags**

**Canvas tag:**

The <canvas> tag in HTML is used to draw graphics on a web page using JavaScript. It can be used to draw paths, boxes, texts, gradients, and adding images. By default, it does not contain borders and text.

<canvas id = “script”> Contents… </canvas>

**Svg tag:**

SVG graphics are supported by the <svg> element in HTML. SVG graphics feature a container in which we can create a variety of shapes such as boxes, pathways, text, graphic images, and circles.

<svg width=”x” height=”y”> shape\_tags… </svg>