

1) Are the Html Tag and element the same thing?

Ans. No, The HTML tags and element are different
tag is only an open and close tag .
Element is open and Close tag and in between contain.

ex.Tags.....	<p>	ex.Element..	<p>Paragraph</p>
	<h1>		<h1>Heading</h1>

2) What are tags and attributes in HTML?

Ans. HTML tag define that how the browser will format and display the content and attribute and provide Additional information about elements.
attributes always apply in the start tag and it defines behavior and display of elements.

Ex. `open Google map`
The value of href is to specify the url of the page the link adds in.

3) What are Void Elements In Html?

Ans. Void Element is a Self closing tag that means it has no closing tag.

```
ex.<br>
    <hr>
    <img>
```

4). What are HTML Entities?

Ans. HTML entities are the reserved characters that are used in the HTML document. Entity names or entity numbers can be used to display reserved HTML characters.

Ex. is a non-breaking space that gives space between two words.
< is < less than symbol.

5). What are Different Type Of List In Html?

Ans. There Are 3 Type Of list
Order Listdefine list in order like 1,2,3...
Unordered List.......define unordered list represent list with bullet.
Description list..<dl>..define list like heading and its content .

Ex.Order List

```
<ol>
  <li>Chemistry</li>
  <li>Physics</li>
  <li>Biology</li>
```


Ex.Unorderlist

```
<ul>
  <li>Chemistry</li>
  <li>Physics</li>
  <li>Biology</li>
</ul>
```

Ex.Descriptive list

```
<dl>
  <dt>Tea</dt>
  <dd>Black tea</dd>
  <dd>Green tea</dd>
  <dt>Coffee</dt>
  <dd>Hot Coffee</dd>
  <dd>cold Coffee</dd>
</dl>
```

6) What Is the Class Attribute In HTML?

Ans .class attribute is used to apply style to multiple elements.

class has multiple values and HTML element has a Same class value & also different value.

```
Ex.
<head>
<style>
.abc{color:blue;}
.xyz{background-color:red;}
</style>
</head>
<h2 class="xyz">heading</h2>
<p class="xyz">paragraph</p>
<p class="abc">Paragraph 2</p>
```

7) What Is the Difference Between the "id" attribute and the "class" attribute of HTML Element?

Ans. Class attribute has one or more class value but id Attribute has only one value.

Ex.class="ab dc ef" id="xy"

multiple Html elements can have the same class value but id attribute is unique for different html elements.

class attribute is used to style multiple html element.but id attribute is used to style only one html element

Ex.<h2 Class="abc">abcd</h2>
<p class="abc">paragraph</p>
<p id="xy">paragraph 2</p>

8) What are the Various formatting tag in HTML?

Ans. for Bold font style
<i> for Italy font style
<u> for font Underline
 for strong font
 for italic text
<ins> for underline text
<sub> for subscript text
<sup> for superscript text
<mark> for Highlight text

9) How Is cellpadding Different from cellspacing?

Ans. Cellpadding is Space between Cell content and cell border in table.
cellspacing is space between two cells in a table.

10) How can we Club two or more rows or columns into a single row or column in html?

Ans. when two or more row are marge we use "rowspan" attribute
Ex.two rows are marge ..<td rowspan="2">

when two or more columns are merged we use the "colspan" attribute.
Ex. three Column are marge.. | | |

11) What is the difference Between Block element and Inline element?

Ans. Block element uses 100% width/space and line break before and after element.next element starts with a new line.

Inline elements use width/space as necessary.next inline elements start in the same line.

ex. block element.	show in browser
<h1>this is heading</h1>	this is heading

`<p>this is paragraph</p>` this is paragraph

Inline element	show in browser
<code>bold</code>	bold italic underline
<code><i>italic</i></code>	
<code><u>Underline</u></code>	

12) How to create hyperlink?

Ans. for create hyperlink, use the `<a>` tag.

`visit html tutorial`

href attribute value is the link url.

target attribute has value like `_self`, `_blank`, `_parent`, `_top` and it's value refer the link open in same tab, new tab, parent frame respectively.

13) What is the use of the Iframe tag?

Ans. The `<iframe>` tag specifies an inline frame. `iframe` is used to embed another document into the current HTML document.

Ex. `<iframe src="url" height="200" width="200" ></iframe>`

14) What is the use of span tag? Explain with examples.

Ans. HTML `` tag is used as a container of inline elements. It is used for styling grouped inline elements (using class and id attribute or inline style).

Ex. `<head>`
 `<style>`
 `.A{color:red;}`
 `.B{color:blue;}`
 `</style>`
 `</head>`
 `<body>`
 `<p>this is red<span="B">bluecolor</p>`
 `</body>`

15) How to insert a picture into the background image of a web page?

Ans. For insert a picture into a background image use the css property = `background-image:('url');` in `<style>` element into `<head>` section.

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

```
<head>
<body>
<h1>heading</h1>
<p>paragraph</p>
</body>
```

16) How are active link different from normal link?

Ans. An active link is an open link at a time and looks underlined and red. and normal link is unvisited or visited link. unvisited link is underline and blue color. visited link is underline and purple color.

17) What are the Different tags to separate sections of text?

Ans. <div>..is a block container of elements.
<header>..define header
<footer>..define footer
<aside>..define sidebar
<article>..define article of document.
<nav>..define navigation link
<section>..define section of document

18) What is SVG?

Ans. SVG is scalable vector graphics. SVG is used to define vector based graphics for web. Every element and every attribute in the svg file can be animated. SVG is used for drawing paths, boxes, circles, text, and graphic images. SVG is a language for describing 2D graphics in XML.

19) What is the difference between HTML and XHTML?

Ans. XHTML stands for extensible HyperText Markup Language. it is cross between HTML and XML language.

XHTML is same as HTML but more important to create code correctly, bcoz, XHTML is Stricter than HTML

XHTML is case sensitive while HTML is non case Sensitive.

HTML browsers ignore errors and try to display the website even if it has some errors in HTML code. when XHTML comes with much stricter error handling.

in XHTML `<!DOCTYPE>` is mandatory

The `xmlns` attribute in `<html>` is mandatory

in XHTML Elements must always be properly nested. HTML allows if elements are not properly nested.

in XHTML Elements must always be closed.

in XHTML Elements must always be in lowercase

In XHTML Attribute names must always be in lowercase. when HTML allow attribute name can be uppercase or lowercase.

in XHTML Attribute values must always be quoted. when HTML allow attribute values are not quoted.

in XHTML empty element must always close like `
`

20) What are logical and physical tags in HTML?

Ans. formatting tags are divided into two categories 1) Physical tag 2) Logical tag

1) physical tag: These tags are used to provide the visual appearance to the text.

2) Logical tag: These tags are used to add some logical or semantic value to the text.

Ex. `` is a physical tag .It displays Bold Font.

`` is a logical tag.it informs the browser this text is important.