1)Are the HTML tags and elements the same thing?

->No

2)What are tags and attributes in HTML?

-> Tags: tags are the fundamental building blocks of HTML. They define and structure the content of a web page.

Attrinutes: Attributes provide additional information about HTML elements. They are always included in the opening tag and are used to modify or customize the behavior of the element.

3) What are void elements in HTML? With Example.

-> Void elements, also known as self-closing or empty elements, are HTML elements that do not have a closing tag. Ex. Br,hr,input.

4)What are HTML Entities? With Example.

-> HTML entities are special codes used to represent characters that have a specific meaning in HTML or characters that cannot be easily expressed using standard keyboard characters.

HTML entities begin with an ampersand (&) and end with a semicolon (;). There are two main types of HTML entities: named entities and numeric entities.

1)Numeric -> ex. &#60; -> Represents the less-than sign (<) using decimal code

2)named -> &lt;

5) What are different types of lists in HTML? With Example.

-> HTML provides several types of lists to organize and structure content. The main types of lists are:

Ordered List (<ol>):

An ordered list is used to represent a list of items in a specific order, usually with numbers.

<ol>

<li>Item 1</li>

</ol>

II )Unordered List (<ul>):

An unordered list is used to represent a list of items in no particular order, typically with bullet points.

<ul>

<li>Item A</li>

</ul>

Output:

Item A

Description List (<dl>):

A description list is used to define terms and provide their descriptions.

<dl>

<dt>Term 1</dt>

<dd>Description 1</dd>

</dl>

6) What is the ‘class’ attribute in HTML? With Example.

->In Html the class attribute is used to assign one or more class names to an HTML element. Classes are used to apply styles or behaviors to multiple elements with a common identifie.

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

-> Each id value must be unique within the entire HTML document.

-> Multiple elements can have the same class value.

8) What are the various formatting tags in HTML?

-> <b>: Represents bold text.

<strong>: Represents strong importance or emphasis, often displayed as bold text.

<i>: Represents italic text.

<em>: Represents emphasized text, often displayed as italic.

<sub>: Represents subscript text.

<sup>: Represents superscript text.

<pre>: Represents preformatted text, preserving both spaces and line breaks.

9) How is Cell Padding different from Cell Spacing? With Example.

->Cell padding: Cell padding controls the space between the content of a table cell and the cell border.

-> Cell spacing: Cell spacing controls the space between adjacent cells in a table.

10) How can we club two or more rows or columns into a single row or column in an HTML

table? With Example.

-> We can use the rowspan and colspan attributes to merge cells and create a single cell that spans multiple rows or columns.

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

Block ->Block-level elements create a "block" or a new box on the web page. They typically start on a new line and stretch the full width of their container.

Inline -> Inline elements do not start on a new line; they flow within the content and only take up as much width as necessary.

12) How to create a Hyperlink in HTML? With Example.

-> We can create hyperlinks using the <a> (anchor) element. The <a> element is used to define a hyperlink, and it requires the href attribute to specify the destination URL.

13) What is the use of an iframe tag? With Example.  
The <iframe> (inline frame) tag in HTML is used to embed another HTML document or external content within the current document.

Ex .we can go to other page from current page using iframe In html.

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

->Span is a inline element . ex.<span>This is span tag so if we use next span element than content of the tag will not gone to new line because it is inline element</span>

15) How to insert a picture into a background image of a web page? With Example.

-> We can use style tag in the HTML head section

16) How are active links different from normal links?

-> In web development, active links and normal links refer to different states of a hyperlink based on user interaction. Here are the key differences between active links and normal links:

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

-> In HTML, there are several tags that can be used to separate sections of text and provide structure to the content on a web page. These tags help organize and format the text in a meaningful way. Here are some commonly used tags for separating sections of text:

Paragraph (<p>):

18) What is SVG?

-> SVG stands for Scalable Vector Graphics. It is a widely used XML-based file format for describing vector graphics.

19) What is difference between HTML and XHTML?

-> HTML has a more lenient syntax, allowing for flexibility and some degree of error tolerance.

-> HTML documents may have minor structural errors, and browsers often attempt to interpret and display the content even if there are issues.

XHTML:

XHTML documents must adhere to XML rules and be well-formed. Any syntax errors can cause the entire document to fail.

20) What are logical and physical tags in HTML?

-> 1. Semantic Tags (Logical Tags): Semantic tags in HTML are elements that convey meaning about the structure and content of a document.

-> 2. Phyiscal tag: The term "formatting tags" might refer to elements that are used to control the visual presentation or appearance of content on a web page.