HTML

(1) Are the HTML tags and elements the same thing?
- no, html tags are hold with angle brackets with HTML element while HTML element holds the content.

(2) What are tags and attributes in HTML?
- HTML tags are hold HTML element and attribute used to describe the characteristic of an HTML details.

(3) What are void elements in HTML? With Example.
- Void elements means non-closing tag. These tags are perform with their attributes.
- Example, <br>, <hr>, <img>, <input>, <meta> etc

(4) What are HTML Entities? With Example.
- Some characters are reserved in HTML. If we use less then (<) or greater than (>) sign in HTML text, the browser might mix them with tags. So it is used to display reserve HTML characters.
- Example, , &lt, &gt, &copy, &trade, &reg

(5) What are different types of lists in HTML? With Example.
- There is 3 type of list in HTML.
  1. Unorder list
```
<ul type="disc">
        <li>List 1</li>
        <li>List 2</li>
        <li>List 3</li>
  </ul>
```

  2. Order list
```
<ol type="I" start="10">
        <li>List 1</li>
        <li>List 2</li>
        <li>List 3</li>
    </ol>
```

  3. Description list
```
<dl>
   <dt>Fruits</dt>
       <dd>Bananas, Grapes, Mango etc</dd>
   <dt>Furniture</dt>
       <dd>cupboard, chair, table etc</dd>
```
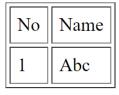
```
        </dl>
```

(6) What is the 'class' attribute in HTML? With Example.
- The class attribute specifies one or more class names for the element.
- It is showing classes of style sheet.
  For example,
  ```
  <div class="div1">
  </div>
  ```

(7) What is the difference between the 'id' attribute and the 'class' attribute of HTML elements? With Example.
- A class name can be used by multiple HTML element.
- An id name must only be used by only one HTML element on the page.
  For example,
  ```
  <div class="mydiv" id="div1">…</div>
  <div class="mydiv" id="div2">…</div>
  ```

(8) What are the various formatting tags in HTML?
- Formatting tag are used to set formatting
  <b>, <strong>, <i>, <em>, <cite>, <u>, <ins>, <del>, <s>, <sup>, <sub>, <mark>, <code>, <kbd>, <small> etc..

(9) How is Cell Padding different from Cell Spacing? With Example.
- Cell padding is give a space between content and cell border.
- Cell spacing is give a space between cells.
- For example,
```
<body>
    <table border="1" cellpadding="6px" cellspacing="3px">
        <tr>
            <td>No</td>
            <td>Name</td>
        </tr>
        <tr>
            <td>1</td>
            <td>Abc</td>
        </tr>
    </table>
</body>
```

No	Name
1	Abc

(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 merge a cell using rowspan and colspan attribute.
- For example,

```html
<table border="1">
        <tr>
            <th colspan="2">Language & Framework</th>
        </tr>
        <tr>
            <td>Python</td>
            <td>Django</td>
        </tr>
        <tr>
            <td rowspan="2">JavaScript</td>
            <td>React.Js</td>
        </tr>
        <tr>
            <td>Vue.Js</td>
        </tr>
        <tr>
            <td>Ruby</td>
            <td>Ruby on Rail</td>
        </tr>
    </table>
```

Language & Framework	
Python	Django
JavaScript	React.Js
	Vue.Js
Ruby	Ruby on Rail

(11) What is the difference between a block-level element and an inline element?
- Block level element always show output in new line.
- Inline element not show output in new line.

(12) How to create a Hyperlink in HTML? With Example.
- Using <a> anchor tag we can create a Hyperlink on webpage.
- For example,

```html
<a href="https://www.google.com/" target="_blank">Open google</a>
```

(13) What is the use of an iframe tag? With Example.
- <iframe> means inline frame. Use to display separate document, including scrollbar and borders. It is embed another document within the current HTML document.
- For example,

```
<body>
    <iframe src="01_table.html" frameborder="10"
height="200px"width="200px">
    </iframe>
</body>
```

No	Name
1	Abc

(14) What is the use of a span tag? Explain with example.
- <span> tag used as generic container of inline element. It used to styling purpose to grouped inline elements like class, id and inline style.
- For example,

```
<span id="" class="" style="color: blue;">Hello world</span>
```

(15) How to insert a picture into a background image of a web page? With Example.
- Using background attribute we can add background image in <body> tag but now html5 it can not supported so using css background-image property to apply background image.
  For example,

```
<body style="background-image:
url(https://cdn.pixabay.com/photo/2015/04/23/22/00/tree-
736885_1280.jpg);">

</body>
```

(16) How are active links different from normal links?
- Links are categorized into 3 types :
  (1) Normal links (unvisited link)
      When we create link 1st time so it is normal link which show blue color in browser.
  (2) Visited links
      When once visited it show as purple color.
  (3) Active links
      When we click on link it means that is active so it is show in red color.

(17) What are the different tags to separate sections of text?
- Tags are used to make text separate :

        `<br>`

- Another tags are also used to make section text separate :
  `<p>, <blockquote>, <div>, <section>` etc

(18) What is SVG?
- SVG means Scalable Vector Graphics. Used to create 2d graphics on webpage.

(19) What is difference between HTML and XHTML?

	html	xhtml
1	Stand for Hypertext Markup Language.	Stand for Extensible Hypertext Markup Language.
2	Developed by Tim Berners-Lee.	Developed by W3C. (world wide web consortium)
3	Developed in 1993	Released on 2000.
4	Extended from SGML.	Extended from XML and HTML.
5	It format is document file format.	It format is Markup Language.
6	DOCTYPE is not necessary to write at the top.	DOCTYPE is necessary to write at the top.
7	Filename extension used are : .html or .htm	Filename extension used are : .xhtml, .xht, .xml

(20) What are logical and physical tags in HTML?
- Logical tags : used in HTML to display the text according to logical styles.
  For example, `<abbr>, <address>, <cite>, <code>, <blockquote>, <del>, <ins>, <kbd>, <q>, <strong>` etc
- Physical tags : used in HTML to provide actual physical formatting to the text.
  For example, `<b>, <big>, <i>, <small>, <sup>, <sub>, <tt>, <u>` etc