Frontend Assignments

Web Designing

MODULE: 1(HTML)

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

- ➢ HTML tags and elements are not same things.
- ➢ Word written within angle bracket is known as elements.

2)What are tags and attributes in HTML?

- ➢ Angle bracket known as tag.Example of HTML tags : <html>,<p>,<pre>
- ➢ Attributes is an additional functionality. Example : align, href, style, src, title etc.

3)What are void elements in HTML?

- ➢ Non-closing tags are the void elements.
- ➢
, <hr/>, <img/>

4)What are HTML entities?,

- ➢ If you can use the less than(<) or greater than (>) signs in your text,the browser might mix them with tags.
- ➢ HTML entities like,
  < -> less than
  > -> greater than
  © -> copyright
  ® -> registerd
  & -> ampersand etc.

5)What are different types of lists in HTML?

- ➢ Order list
- ➢ Unorder list
- ➢ Description list<dl><dt><dd>

6)What is the 'class' attribute in HTML?

- ➢ HTML class attribute is used to specify a class for an HTML element.
- ➢ Class attribute is often use to point to a class name in style sheet.

7)What is the difference between 'id' attribute and 'class' attribute of HTML?

➤ 'id' attribute specifies a unique id for an HTML element.
➤ 'class' attribute is often use to point to a class name in style sheet.
➤ A class name can be used by multiple HTML elements , while an id name must only be used by one HTML element within the page.

8)What are the various formatting tags in HTML?

➤ HTML contains several elements for defining text with a special meaning.
➤ Various formatting tags are,
   <b> and <strong> - Bold text
   <i> and <em> - Italic text
   <u> and <ins> - Underline text
   <abbr> - abbrivation text ,
   <big> - Bigger text
   <small> - Smaller text
   <mark> - Mark text
   <sup> - Superscript text
   <sub> - Subscript text
   <tt> - Teletype text
   <del> - Delete text

9)How is Cell padding is different from Cell spacing?

➤ Cell padding basically defines the space present between a table cell's border and content present in it.
➤ Cell spacing basically defines the space present between individual adjacent cells.
➤ Cell padding is very effective as compared to Cellspacing.

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

➤ For rows, using rowspan
   <table>
   <tr>
        <td rowspan="2">XYZ</td>

   </tr>

- For colums, using colspan

  <table>

  <tr>

      <td colspan="2">MNP</td>

  </tr>

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

- Block-level elements indicates the block.
- Example, <div>,<h1> to <h6> etc.
- Inline element occupy only enough width that is sufficient to it.
- Example, <span> is an inline element.

12)How to create a Hyperlink in HTML?

- With the use of anchor tag <a href="" >

13)What is the use of an iframe tag?

- Open another file or image in current document.
- iframe means inline frame.

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

- Span tag is an inline element used for mark up a part of text or a part of a document.
- Example,

  ```
  My mother has <span style="color:blue">blue</span> eyes.
  ```

15)How to insert a picture in the background image of a webpage?

- To add background image is using background image attribute inside <body> tag .
- Example, <body background="1109699.jpg"></body>

16)How are active links different from normal links?

- Active links is if you left or right click on any one of the links are visited or unvisited, it will turn into red and underline.
- Normal link is an unvisited link.

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

-
 tag, <hr> tag, <p> tag

18)What is SVG?

- SVG is a Scalable Vector Graphics.
- Also used for draw a 2D- graphics.

19)What is difference between HTML & XHTML?

- HTML is the Hypertext markup language for creating a webpages & link from one to another.
- XHTML is Extensible Hypertext markup language.It can be considered as a part of XML markup language this is because of XHTML features of both XML & HTML.

20)What are physical & logical tags in HTML?

- Physical and logical tags are used in HTML for better visibility and understanding of the text by the user on webpage.however both tags are differ from each other as suggested by their names.
- Physical tags are <b>,<i>,<u> etc
- Logical tags are <abbr>, <address>,<blockquote>,<kbd> etc

MODULE: 3(HTML5)

1)What are the new tags added in HTML5?

- <strong> tag – bold text
- <em> tag – italic text
- <ins> tag – underline text
- <s> tag – stag tag
- <del> tag – delete text
- <code> tag – code tag
- <kbd> tag – keyboard tag
- <audio> tag – define audio file
- <video> tag – define video file
- <email> tag – input type should be in email

- ➢ <range> tag – numeric selector within a range of values, typically visualized as a slider.
- ➢ <month> tag – selector a month within a given year
- ➢ <week> tag – selector a week within a given year
- ➢ <time> tag – time indicator & selector with no time zone information
- ➢ <date> tag – selector for a calendar date
- ➢ <datetime> - Full date & time display including a time zone.
- ➢ <datetime-local> - date & time display with no settings or indications for time zones
- ➢ <url> tag – input type should be a URL type
- ➢ <color> tag – color selector, which can be represent by a wheel or swatch picker

2)How to embed audio and video in webpage?

- ➢ To embed audio in HTML, using <audio> tag & <source> tag.
- ➢ It supports .mp3 file
- ➢ To embed video in HTML, using <video> tag & <source> tag.
- ➢ It supports .mp4 file

3)Semantic elements in HTML5?

- ➢ Semantic elements means clearly defines its content.
- ➢ <form>
- ➢ <table>
- ➢ <article>
- ➢ <header>
- ➢ <footer>
- ➢ <nav>
- ➢ <section>

4)Canvas & SVG tags

- ➢ Canvas is used to draw graphics on the fly, via scripting language.you must use a script to actually draw a graphics.
- ➢ SVG is a Scalable vector graphics.
- ➢ It also used for draw a 2D – graphics.