HTML AND HTML-5 QUESTIONS

1. **What is the difference between a Web Browser and a Web Server?**

Ans.:- A web browser is basically the software that we use for browsing on the internet and displaying pages. Conversely, a web server refers to the software that provides its users with the documents they request via their web browsers.

1. **What is a domain?**

Ans.:- A domain name is a string of text that maps to an alphanumeric IP address, used to access a website from client software. In plain English, a domain name is the text that a user types into a browser window to reach a particular website. For instance, the domain name for Google is ‘google.com’.

1. **What is a web design and basic requirement?**

Ans.:- A web designer builds all the elements of a website. They choose and create the visual aspects of a website, such as graphics, font, colours and layout. They're responsible for making websites aesthetically appealing, functional and user-friendly.

1. **Which resolution is better for the perfect design?**

Ans.:- Here are several reasons why 1920 x 1080 may be the best resolution for web design: 1920 x 1080 is a resolution that is widely supported by modern computer monitors, laptops, and even mobile devices. This means that your website will look good on a wide range of devices.

1. **Explain problem specification with browser comparability?**

Ans.:- Since browsers contain technology to optimize output, this results in less consumption. At times, if an old browser is used, JavaScript may have failed to detect the browser. This common cross browser compatibility issue occurs due to obsolete JavaScript.

1. **Is HTML case sensitive?**

Ans.:- Tag names for HTML elements must exactly match the names of the elements given in the HTML elements section of this document; that is, tag names are case-sensitive.

1. **Explain what is the use of editor and their types?**

Ans.:- Editors or text editors are software programs that enable the user to create and edit text files. In the field of programming, the term editor usually refers to source code editors that include many special features for writing and editing code.

1. **What is the difference between HTML and XHTML?**

Ans.:-

|  |  |
| --- | --- |
| HTML | HTML5 |
| HTML stands for Hypertext Mark-up Language. | XHTML stands for Extensible Hypertext Mark-up Language. |
| It was developed in 1991. | It was released in 2000. |
| The format is a document file format. | The format is a mark-up language. |
| Filename extension used are .html, .him. | Filename extension are .xhtml, .xht, .xml. |
| We can close any tag anytime and anywhere as per our needs | It is mandatory to close all the tags in strict residing order as they were declared. |
| Its source code can be accessed easily | It is somewhat difficult to access its source code |
| HTML is supported by all browsers | Only few browsers support XHTML |

1. **How many HTML versions are available in market?**

Ans.:- HTML5 is the latest version of HTML. HTML has evolved with the passage of time. Other versions of HTML include HTML 1.0, HTML 2.0, HTML 3.2, HTML 4.01 and XHTML.

**(10)What is DOCTYPE?**

Ans.:- HTML doctype is the instruction about what version of HTML the page is written in, passed to the web browser. It is used to make sure that it is parsed in a similar way by different web browsers.

**(11)Explain HTML structure?**

Ans.:- An HTML Document is mainly divided into two parts: HEAD: This contains the information about the HTML document. For Example, the Title of the page, version of HTML, Meta Data, etc. BODY: This contains everything you want to display on the Web Page.

**(12)What is a caption?**

Ans.:-

**(13)What is HTML? How HTML tags are formed? Explain HTML comments?**

Ans.:- The comment tag is used to insert comments in the source code. Comments are not displayed in the browsers. You can use comments to explain your code, which can help you when you edit the source code at a later date. This is especially useful if you have a lot of code.

**(14)What is the use of Anchor tag? Explain two ways to specify URL in href attribute?**

Ans.:- The HTML <a> href Attribute is used to specify the URL of the page that the link goes to. When the href attribute is not present in the <a> an element that it will not be a hyperlink.

This attribute is used to specify a link to any address. This attribute is used along with <a> tag.

**(15)Why images are used on web pages?**

Ans.:- User experience is improved by using images as they help to present information in a more digestible way as well as contribute to the storytelling process.

**(16)Which html tags are used to create table structure? Explain in brief at least five?**

Ans.:-

1. <table>
2. <tr>
3. <th>
4. <td>

**(17)Which attribute allows you to add descriptive text to a table?**

Ans.:- caption

**(18) Which HTML attribute is used to set the space between cells in**

**an HTML <TABLE> element?**

Ans.:- The HTML <table> **cellspacing** Attribute is used to specify the space between the cells. The **cellspacing** attribute is set in terms of pixels.

**(19) Which attribute do you use to span table cells across table**

**columns?**

Ans.:- The **colspan** attribute defines the number of columns a table cell should span.

**(20) For a radio button to be marked as on what is the recommended**

**attribute and value?**

Ans.:- The value attribute defines the unique value associated with each radio button. The value is not shown to the user, but is the value that is sent to the server on "submit" to identify which radio button that was selected.

**(21) HTML Event Attributes onunload fires?**

Ans.:- The onunload attribute fires once a page has unloaded (or the browser window has been closed). onunload occurs when the user navigates away from the page .

**(22) Relative paths make your hypertext links\_\_\_\_\_\_\_\_\_\_\_?**

Ans.:-

**(23) In the following example, which type of HTML link is defined?**

<A href="cats.htm">

Ans.:- The HTML **<a> tag** defines a hyperlink.

**(24) What is the default value of the "target" attribute?**

Ans.:-self

**(25) HTML attribute values are usually enclosed in?**

Ans.:- **Double quotes** around attribute values are the most common in HTML, but single quotes can also be used.

**(26) HTML Entities. To display a less than sign we must write: ?**

Ans.:- To display a less than sign (<) we must write**: &lt; or &#60;**

**(27) What is full form Of URL.?**

Ans.:- Uniform Resource Locator

**(28) Full form of HTTP.?**

Ans.:- Hypertext Transfer Protocol

**(29) How to add image in web page ?**

Ans.:- The HTML **<img> tag** is used to embed an image in a web page.

**(30) HTML 5 What is a new attribute for both <form> and <input>?**

Ans.:-

<form>:- There are five new form elements in the HTML5 forms specification: datalist , output , keygen , progress , and meter

<input>:-color, date , time, week , email , month, number, range, search, tell, url.

(31)

1. HTML What is the internal/wire format of input type="date" in HTML5?

Ans.:- - YYYY-MM-DD

1. Which has higher priority in Table ?

Ans.:-cell settings

1. Types of List in HTML?

Ans.:- Ordered, Unordered and Definition list

**(32) Difference between <span> and <div> tag ?**

Ans.:- Span and div are both generic HTML elements that group together related parts of a web page serving different functions. <div> is a block-level element and <span> is an inline element. Browser Support.

**(32—(1)) What are the Input types in HTML ?**

Ans.:-

Input types in HTML ?

<input type="button">

<input type="checkbox">

<input type="color">

<input type="date">

<input type="datetime-local">

<input type="email">

<input type="file">

<input type="hidden">

**(33) What are new Input types in included in HTML5 ?**

Ans.:- HTML 5 introduces several input types like Date, DateTime-local, time, week, month, email, tel, URL, search, range, color and number.

**(33—(1)) How to create hyper link in HTML ?**

Ans.:- The HTML <a> tag defines a hyperlink. <a href="url">link text</a>

**(34) What is use of <input type=’reset’> ?**

Ans.:- The <input type="reset"> defines a reset button which resets all form values to its initial values.

**(35) What is use of <nav> tag ?**

Ans.:- The <nav> HTML element represents a section of a page whose purpose is to provide navigation links, either within the current document or to other documents. Common examples of navigation sections are menus, tables of contents, and indexes.

**(36) What is use of <fieldset> tag ?**

Ans.:- The <fieldset> tag is used to group related elements in a form. The <fieldset> tag draws a box around the related elements.

**(37) How to embed ?**

Ans.:- Step 1: Edit your HTML. Go into edit mode for the page, post, or section of your website where you'd like to embed the video. ...

Step 2: Copy your embed code. Next, copy your embed code. ...

Step 3: Paste the embed code into your HTML.

**(38) Javascript in HTML ?**

Ans.:- The HTML <script> tag is used to define a client-side script (JavaScript).

To select an HTML element, JavaScript most often uses the document.getElementById() method.

**(39) Full form of FTP?**

Ans.:- File Transfer Protocol

**(40) How do we specify line break in HTML ?**

Ans.:- The <br> tag inserts a single line break.

**(41) Which tag used in HTML5 to display video ?**

Ans.:- The <video> tag is used to embed video content in a document, such as a movie clip or other video streams. The <video> tag contains one or more <source> tags with different video sources.