HTML AND HTML-5 QUESTIONS

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

Ans.:-

|  |  |
| --- | --- |
| * Web browser | * Web server |
| Web Browser is an Application program that displays a World wide web document. It usually uses the internet service to access the document. | A web server is a program or the computer that provide services to other programs called client. |
| The Web browser requests the server for the web documents and services. | The Web server accepts, approves, and responds to the request made by the web browser for a web document or service. |
| A web browser is a programme that uses websites to search the internet for information. | The web server is responsible for connecting websites and web browsers. |
| Examples of Web browsers are Mozilla Firefox, Google Chrome, and Internet Explorer. | An example of a Web Server is Apache Server. |

1. **What is a domain?**

Ans.:- 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.:- web design is the process of planning and building the elements of your website, from structure and layout to images, colors, fonts and graphics.

HTML, CSS, and JavaScript ... It's impossible to go into a career in web development if you're not fluent in these three core languages .

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

Ans.:- 1920 x 1080 best resolution for web design

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

Ans.:- By applying CSS Resets, developers often remove the default design in browsers and apply their own. This can cause compatibility issues due to a non-responsive design or a lack of support for specific layouts on certain browsers/browser versions.

1. **Is HTML case sensitive?**

Ans.:- HTML is Not Case Sensitive

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

Ans.:- Line editor , Stream editor, Screen editor, Structure editor, Online editor.

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

Ans.:-

|  |  |
| --- | --- |
| HTML | XHTML |
| 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. |
| Doctype is not necessary to write at the top. | Doctype is very necessary to write at the top of the file. |
| All tags and attributes are not necessarily to be in lower or upper case. | In this, every tag and attribute should be in lower case. |

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

Ans.:- There are 5 versions of html available in the market

* HTML 1.0
* HTML 2.0
* HTML 3.2
* HTML 4.01
* HTML5

**(10)What is DOCTYPE?**

Ans.:- HTML <!DOCTYPE> tag is used to inform the browser about the version of HTML used in the document. It is called as the document type declaration (DTD).

**(11)Explain HTML structure?**

Ans.:- An HTML document is divided into two parts:

* Head part: The title and metadata of a web document are contained in the head element.
* Body part: The body element includes the information that you wish to display on a web page.

Basic structure of an HTML document

<!DOCTYPE html>

<html>

<head>

<title> title here </title>

</head>

<body>

</body>

</html>

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

Ans.:- The caption tag is used to specify the caption of a table. This tag will be inserted just after the <table> tag.

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

Ans.:-

* HTML:- HTML stands for hypertext markup language. HTML is the standard markup language for documents designed to be displayed in a web browser.
* HTML tag:- An HTML tag is a special word or letter surrounded by angle brackets, < and >. You use tags to create HTML elements, such as paragraphs or links.
* HTML comments:- In HTML, a comment is a section of text that is not processed by the web browser. Adding comments in HTML can help you write and organize the backend of your webpage.

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

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

* Example:-

<a href= “www.google.com”>Google</a>

**(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>:- The <table> HTML element represents tabular data — that is, information presented in a two-dimensional table comprised of rows and columns of cells containing data.
2. <caption>:- HTML <caption> tag is used to add a caption or title of an HTML table.
3. <th>:- HTML <thead> elements is used to define header of an HTML table.
4. <tr>:- The HTML <tr> tag defines a row in an HTML table.
5. <td>:- The HTML <td> tag defines a standard cell in an HTML table.

**(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.:- Cellspacing

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

**columns?**

Ans.:- colspanattribute .

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

**attribute and value?**

Ans.:- HTML Radio button is typically used to select a particular option from a group of related options. To define a radio button, we use the <input> element of HTML.

When a particular option is selected using a radio button, the other options are deselected i.e., one can only select a single option at a time

**(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.:- Portable

**(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

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

Ans.:- &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>:- 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.:- The span tag is very similar to the div tag, but div is a block-level tag and span is an inline tag.

**(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 reset button is used to reset all the input fields in HTML forms. It gets added using the <input> tag attribute type.

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

Ans.:- The <nav> tag is one of the HTML tags that is used to define a set of navigation links.

Examples of some navigation links are menu, table of contents and indexes, etc.

**(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.:- <embed type="image/jpg" src="https://logolook.net/wp-content/uploads/2021/06/Facebook-Logo.svg" width="200" height="200">

**(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.:- <video> tag