**HTML AND HTML-5 & CSS QUESTIONS – ANS.**

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

**Ans.:-**

|  |  |
| --- | --- |
| * **Web Browser** | * **Web Server** |
| * It is a type of software that we use of browsing and displaying web pages that might be available over the internet. | * It is a type of sogtware that searches, finds, and provides documents to the browsers, as requested by them. |
| * It sends various requests to the servers to find web-based services and documents. | * it approves the browser requests after seeing them, and it sends the intended documents in response. |
| * Ex.: chrome,mozilla fire fox | * **Ex.:** Apache server |

**2) What is a domain?**

**Ans.:-** A domain name is a unique name used to identify a website or group of devices connected to a network. It is like an address that helps people find and acces specific websites on the internet. Domains are made up of two parts : the name you choose (ex. Yahoo) and the extension (ex. .com) when you type a domain name into a web browser, it directs you to the corresponding website. Domains are registered and renewed annully to ensure their ownership and availability.

**3)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, colors and layout. They're responsible for making websites aesthetically appealing, functional and user-friendly. It is necessary to have knowledge of HTML,CSS javascript,jquery.

**4) Which resolution is better for the perfect design?**

**Ans.:-** 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.

**5) 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.

**6) 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.

**7)Explain what is the use of editor and their types?**

**8)What is the difference between HTML and XHTML?**

**Ans.:-**

|  |  |
| --- | --- |
| HTML | HTML5 |
| HTML stands for Hypertext Markup Language. | XHTML stands for Extensible Hypertext Markup Language. |
| It was developed in 1991. | It was released in 2000. |
| The format is a document file format. | The format is a markup language. |
| Filename extension used are .html, .htm. | 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 |

**9)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 <a> tag in HTML is used to create a hyperlink on the webpage this hyperlink is used to link the webpage to other web pages or some section of the same web page.

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

**Ans.:-** User experience is improved by using images

**(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) HTML What is the internal/wire format of input type="date" in HTML5?**

**Ans.:-** - YYYY-MM-DD

**32)Which has higher priority in Table ?**

**Ans.:-**cell settings

**33)Types of List in HTML?**

**Ans.:-** Ordered, Unordered and Definition list

**(34) 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.

**(35) What are the Input types in HTML ?**

**Ans.:-**

<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.

**(34) How to create hyper link in HTML ?**

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

**(35) 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

**(36) What is use of 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.

CSS QUESTIONS

**1)Types of CSS**

**Ans :-** Inline CSS.

Internal or Embedded CSS.

External CSS.

**2)Types of pseudo classes**

## Ans.

## link pseudo-class

## visited pseudo-class

## active pseudo-class

## focus pseudo-class

## hover

## 3)How to import external CSS in HTML page

**Ans.** **CSS can be added to HTML documents in 3 ways:**

* Inline - by using the style attribute inside HTML elements.
* Internal - by using a <style> element in the <head> section.
* External - by using a <link> element to link to an external CSS file

**4)What does CSS stand for?**

**Ans.:** CSS stands for Cascading Style Sheet. CSS can format the document content(written in HTML or other markup language): layout. colors. fonts.

**5)Where in an HTML document is the correct place to refer to an external style sheet?**

**Ans.:** Each HTML page must include a reference to the external style sheet file inside the <link> element, inside the head section.

**6)Which HTML tag is used to define an internal style sheet?**

**Ans.:** An internal CSS is used to define a style for a single HTML page. An internal CSS is defined in the <head> section of an HTML page, within a <style> element.

**7)Which HTML attribute is used to define**

**Ans.** HTML style Attribute

The style attribute specifies an inline style for an element. The style attribute will override any style set globally, e.g. styles specified in the <style> tag or in an external style sheet.

**8) What is HTML5 Element ?**

**Ans.:** HTML 5is update version of html

**10)Explain HTML 5 Element ?**

**Ans.**

<article>

<aside>

<audio>

<video>

<canvas>

<time>

<section>

<footer>

<header>

<svg>

**11)What is the use of CCS 3?**

**Ans.** Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language.

**12)** **inline styles?**

**Ans.**

Inline - by using the style attribute inside HTML elements.

**13)** **Which is the correct CSS syntax?**

## Ans. CSS Syntax

## One.{

## Color:red;

## Font-size:12px;

## }

**14) Which property is used to specify table borders in CSS?**

**Ans.** To specify table borders in CSS, use the border property.

**15) What is NOT an advantage of using CSS files?**

**Ans. Disadvantages of CSS:**

* Browser compatibility (some styles sheet are supported and some are not).
* CSS works differently on different browsers. IE and Opera supports CSS as different logic.
* There might be cross-browser issues while using CSS.
* There are multiple levels which creates confusion for non-developers and beginners.

**16) What property defines whether background images scroll along**

**Ans.** The background-attachment property sets whether a background image scrolls with the rest of the page, or is fixed.

**17**) **with the element when the document is scrolled?**

**Ans.**

**18) Which of the following css declarations will create italicized text?**

**Ans.:** To italicize the text in HTML, you can use either the <em> tag or the <i> (italics) tag. Both of these tags italicize the text, but the <em> tag indicates that the text has stress emphasis when read. You can also italicize text with the CSS font-style property set to italic.

**19) What is the CSS shorthand to set a borders top to 10, bottom to 5, left to 20 and right to 1 pixel?**

**Ans.: border : 10px 1px 5px 20px;**

**20) Which of the following tells the browser where you want to apply the rule?**

**Ans.:**

**21**) **Why will the following declaration not work? p { margin-right: 80 px;}**

**Ans. :**

There is an extra space between the numeric value “80” and the unit “px”

Correct :

p {

margin-right: 80px;

}

**22) What do you need to change in order to visually modify a button on mouseover?**

**Ans.:** the hover state use the :hover pseudo-class selector in css to target the button when the mouse is hovering over it. This allows you to specify the styles that should be applied to the button in this state.

**23) True or False: The borders of an element can vary only up to 2 sides**

**Ans.:** false. The borders of an element can vary on all four sides:top,right,bottom and left.

**24) Which is correct use of border-radius?**

**Ans.:** The border-radius CSS property rounds the corners of an element's outer border edge. You can set a single radius to make circular corners, or two radii to make elliptical corners.

**25) How do you insert a comment in a CSS file?**

**Ans.:** Comments are used to explain the code, and may help when you edit the source code at a later date.

Comments are ignored by browsers.

A CSS comment is placed inside the <style> element, and starts with /\* and ends with \*/

/\* This is a single-line comment \*/  
p {  
  color: red;  
}

**26) Which property is used to change the background color?**

**Ans.:** The background-color CSS property sets the background color of an element.

**27)** Which CSS property is used to change the text color of an element?

Ans. : The color property is used to set the color of the text.

**28) Which CSS property controls the text size?**

**Ans.:** The font-size CSS property sets the size of the font.

**29) What is the correct CSS syntax for making elements bold?**

**Ans.:** If you want to bold specific words within the p element, you can use the <b> tag. You can put important words in the <b> tag or strong tag. So, if you want to make all p elements bold then you can use the CSS element selector to make them bold.

**30) Types of element positioning in CSS?**

**Ans.: There are five different position values:**

* static.
* relative.
* fixed.
* absolute.
* sticky.

**31) How to handle content overflow in element**

**Ans.:** If you only want scrollbars to appear when there is more content than can fit in the box, use overflow: auto . This allows the browser to determine if it should display scrollbars. In the example below, remove content until it fits into the box. You should see the scrollbars disappear.

**32) What is padding ?**

**Ans. :** An element's padding area is the space between its content and its border. Note: Padding creates extra space within an element. In contrast, margin creates extra space around an element.

**33) Which property is used to change the left margin of an element?**

**Ans.:** The margin-left CSS property sets the margin area on the left side of an element. A positive value places it farther from its neighbors, while a negative value places it closer.

**34) TRUE/FALSE – CSS is case sensitive?**

**Ans.:** true ,css is case sensitive