**Assignment**

**MODULE: 2 (CSS and CSS 3)**

**1. What are the benefits of using CSS?**

Some of these advantages are:

* Better Website Speed. For a website to function efficiently, it should have a faster load time. ...
* Easier to Maintain. CSS is easy to maintain due to less maintenance time. ...
* Consistent Design. ...
* Time-Saving. ...
* Better Device Compatibility. ...
* Positioning of Design Elements.

**2.** **What are the disadvantages of CSS?**

**Some of these disadvantages are:**

* Confusion due to many CSS levels. Beginners are more vulnerable to this issue. ...
* Cross-Browser Issues. Different browsers work differently. ...
* Security Issues. Security is important in today's world driven by technology and data. ...
* Extra Work for Developers.

**3. What is the difference between CSS2 and CSS3?**

Unlike CSS2, which was comprised of a single document, CSS3 has its specifications divided into many individual modules, which makes CSS3 a whole lot easier to handle.

**4. Name a few CSS style components**

The components of css style are:

Selecter:HTML element name, id name, class name.

Property:It's like an attribute such as background color,font-size,position,text-align,color,border etc.

Values:which defines property or values allocate for properties.

**5. What do you understand by CSS opacity?**

The opacity CSS property sets the opacity of an element. Opacity is the degree to which content behind an element is hidden, and is the opposite of transparency

**6. How can the background color of an element be changed?**

We can change the background color add new class selector and to your CSS code.

**7. How can image repetition of the backup be controlled?**

To control the repetition of an image in the background, we can use to background-repeat property, if you do not want to repeat an image, in this case, the image will display only once.

**8. What is the use of the background-position property?**

The background-position property sets the starting position of a background image. Tip: By default, a background-image is placed at the top-left corner of an element, and repeated both vertically and horizontally.

**9**. **Which property controls the image scroll in the background?**

Which property is used in CSS to control the scrolling of an image in the background? To set the scrolling of an image in the background, use the background-attachment property.

**10. Why should background and color be used as separate properties?**

It enhances the legibility of style sheets. The background property is a complex property in CSS, and if it is combined with color, the complexity will further increase.

**11. How to center block elements using CSS1?**

With css the way to center anything that's a block level element is with the margin property. One of the values of margin is auto and by setting auto on the left and right margin our block level element will center itself.

**12. How to maintain the CSS specifications?**

The CSS specifications are maintained by the World Wide Web Consortium (W3C).

**13. What are the ways to integrate CSS as a web page?**

CSS => ways to adopt CSS

Inline

Internal

External

**14. What is embedded style sheets?**

Embedded style sheets allow you to define styles for the whole HTML document in oneplace. Embedded style sheets refer to when you embed style sheet information into an HTML document using the <style> element. You do this by embedding the style sheet information within <style></style> tags in the head of your document.

**15. What are the external style sheets?**

External CSS the most recommended CSS

seprated with .css file extension

reusable CSS data

something from External CSS

**16. What are the advantages and disadvantages of using external style sheets?**

External style sheets have the following advantages over internal and inline styles:

one change to the style sheet will change all linked pages.

you can create classes of styles that can then be used on many different HTML elements.

consistent look and feel across multiple web pages.

**17. What is the meaning of the CSS selector?**

A CSS selector is the first part of a CSS Rule. It is a pattern of elements and other terms that tell the browser which HTML elements should be selected to have the CSS property values inside the rule applied to them.

**18. What are the media types allowed by CSS?**

continuous or paged.

visual, audio, speech, or tactile.

grid (for character grid devices), or bitmap.

interactive (for devices that allow user interaction), or static (for those that do not).

all (includes all media types)

**19. What is the rule set?**

Introduction. A rule or "rule set" is a statement that tells browsers how to render particular elements on an HTML page. A rule set consists of a selector followed by a declaration block.