**Web Designing Assignment**

**Module -2 (CSS and CSS 3)**

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

**Ans.** Separation of content and design, easier maintenance, consistency across pages, faster page loading, improved accessibility.

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

**Ans.** Browser compatibility issues, CSS can become complex, no security features, limited by the capabilities of CSS itself.

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

**Ans.** CSS3 introduced new selectors, animations, transitions, and responsive design features.

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

**Ans.** Selectors, properties, values, pseudo-classes, pseudo-elements.

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

**Ans.** Controls the transparency of an element, value ranges from 0 (completely transparent) to 1 (completely opaque).

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

**Ans.** Use the **background-color** property.

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

**Ans.** Use the **background-repeat** property.

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

**Ans.** Specifies the position of the background image.

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

**Ans. Background-attachment** property.

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

**Ans.** To ensure that text is readable if the background image fails to load and to avoid unintended color combinations.

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

**Ans.** Use margin: 0 auto;

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

**Ans.** Follow W3C standards, use best practices, and document your code.

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

**Ans.** Inline CSS, internal (embedded) CSS, external CSS.

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

**Ans.** CSS written within the **<style>** tag in the HTML document's **<head>** section.

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

**Ans.** CSS written in a separate file with a **.CSS** extension, linked to the HTML document.

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

**Ans. Advantages:** Reusability, easier maintenance, reduced code duplication; **Disadvantages:** dependent on the external file, requires additional HTTP requests.

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

**Ans.** A pattern used to select the elements you want to style.

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

**Ans.** Screen, print, speech, all.

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

**Ans.** Consists of a selector and a declaration block, which contains the properties and values.