**ASSIGNMENT**

**(WD-CSS and CSS 3)**

# 1) What are the benefits of using CSS?

Ans: The benefits of using CSS are as follows:-

* Separation of content and style
* Consistency
* Faster loading times
* Responsive design
* Accessibility
* Global styling
* Efficient updates
* Animation and effects

# 2) What are the disadvantages of CSS

Ans: The disadvantages of CSS are as follows:-

* Browser Compatibility
* Lack of security
* Limited Layout Control
* Performance impacts
* Overriding styles
* Maintenance challenges

# 3) What is the difference between CSS2 and CSS3

Ans: The major differences between CSS2 and CSS3 are:

* CSS2 was released in 1998 with added styles for other media types so that it can be used for page layout designing. CSS3 was released in 1999 and presentation-style properties were added in it that allows you to build a presentation from documents.
* CSS2 could only use web-safe fonts for being 100% sure to use fonts that would always display the same on every machine. CSS3 can now use special fonts.
* CSS3 calls the component as a sequence of simple selectors while CSS2 had simple selectors.
* CSS3 came up with some key web design considerations like rounded borders that help in rounding up the borders easily which was lacking in CSS2.
* CSS3 has the capability to split sections into multiple columns so that it can be read like a newspaper. In CSS2, the developers had difficulty because the standard was not equipped with automatically breaking the text so that it fits within a box.

# 4) Name a few CSS style components

Ans: Few CSS style components are Selector, blocks, border, Id selector, List, margin, padding, property, position, text, width, background color

# 5) What do you understand by CSS opacity?

Ans: The opacity property in CSS means how opaque or transparent an element is. Value for this property range from 0 to 1.

# 6) How can the background colour of an element be changed?

Ans: The background color of an element can be changed by using background -color property of CSS.

# 7) How can image repetition of the backup be controlled?

Ans: The image repetition of the background image can be controlled by using background-repeat property.

# 8) What is the use of background position property?

Ans: The background-position property sets the starting position of a background image.

# 9) Which property controls the image scroll in the background?

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

# 10) Why should background and colour be used as separate properties?

Ans: There are two reasons behind this:

* The background property is a complex property in CSS and if combined with color, the complexity will further increase.
* Color is an inherited property while the background is not. So this can make confusion further.

# 11) How to enter block elements using CSS1?

Ans: The block elements can be centred by setting properties margin-left and margin-right to auto and width to some large value.

# 12) How to maintain the CSS specifications?

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

# 13) What are the ways to integrate CSS as a webpage?

Ans: There are three major ways to integrate CSS on a webpage.

* Inline CSS
* Internal CSS
* External CSS

To style a single HTML element on the page use Inline CSS in a style attribute. By adding CSS to the head section of our HTML document, we ca. embed an internal stylesheet. We can also connect to external stylesheet that separates CSS from our HTML.

# 14) What is embedded style sheets?

Ans: An embedded stylesheet is declared within the <head> element of an XHTML document. It applies to the whole document rather than the specific element. Each style declaration gets applied to the whole document that matches the rule.

# 15) What are the external style sheets?

Ans: An external stylesheet is a separate CSS file that can be accessed by creating a link in the head section of the webpage. Multiple webpages can use the same link to access the stylesheet.

# 16) What are the advantages and disadvantages of external stylesheets?

Ans: The advantages of External stylesheets are as -

* Separation of content and presentation.
* Reusable styles.
* Improved performances.

The disadvantages of External stylesheets are:-

* Additional HTTP request
* Increased loading time.
* Limited control
* Harder to Override

# 17) What is the meaning of the CSS selector?

Ans: The CSS selector is a pattern of elements and other terms that tell browser which HTML elements should be selected to have the CSS property values inside the rule applies to them.

# 18) What are the media types allowed by CSS?

Ans: The media types allowed by the CSS are:-

* Print
* Screen
* All
* TV
* Braille
* Paper embossing
* Handheld
* Projection
* Speech
* Aural
* Media
* TTY

# 19) What is the rule set?

Ans: A CSS rule set contains one or more selectors and one or more selectors and one or more declarations. The rule set is the main building block of a CSS sheet. In the other words it is various affirmations to various pieces or elements of the document. The objective is to apply a bunch of properties for certain distinct qualities to a particular arrangement of components in the connected HTML page.