**CSS Interview**

**Question and**

**Answers**

**(1)How can you integrate CSS on a web page?**

* Ans.:-There are three methods to integrate CSS on web pages.
* Inline: - It is used to insert style sheets in HTML document.
* Internal: - It is used to add a unique style to a single document.
* External: - It is used when you want to make changes on multiple pages.

**(2)What is a CSS selector?**

* Ans.:-
* Element selector
* ID selector
* Class selector
* Universal selector
* Group selector

**(3)Difference between Class and ID Selectors?**

* Ans.:- The basic difference between ID and Class is that
* The ID selector is applied only to one element in page,

Whereas

* The Class selector can be applied to several elements on a single page.

**(4)What is the difference between inline, inline-block, and block?**

* Ans.:-
* Block elements are <div> and <p>. They usually start on a new line and can take space for an entire row or width.
* Inline elements are <a>, <span>, <strong>, and <imp> tags. They don’t start on a new line.
* Inline block elements have padding and margins and set height width values, they are similar to inline elements.

**(5)Explain responsive web design?**

* Ans.:- Responsive design is a web page creation approach that uses flexible images, flexible layouts, and CSS media queries.

This design approach aims to build web pages that detect the orientation and screen size of the visitors so that layout can be changed accordingly.

**(6)What are Pseudo elements and Pseudo Classes?**

* Ans.:-

Pseudo-elements

* ::before
* ::after
* ::first-letter
* ::first-line
* ::selection

Pseudo-classes

* :visited
* :hover
* :active
* :focus

**(7)What is the basic difference between visibility: hidden and display: none and opacity: 0?**

* Ans.:-
* Visibility: hidden and Opacity: 0 both can hide the element but space will be occupied.
* Whereas using display: none can hide the element along with the space.

(8)What are the position states in CSS?

* Ans.:-The five position states in CSS are
* Static
* Fixed
* Sticky
* Absolute
* Relative

The default position state is static.

**(9)Define z-index?**

* Ans.:- Z-index is used to specify the stack order of elements that overlap each other.

Its default value is zero and can take both negative and positive values.

Or z-index value is stacked above the lower index element.

**(10)Difference between CSS grid vs. flex box?**

* Ans.:-
* CSS grid layout is a two-dimensional system, meaning it can handle both columns and rows. Grid layout is intended for larger-scale layouts which aren’t linear in design.
* Flex box is largely a one-dimensional system (either in a column or a row). Flex box layout is the appropriate to the components of an application.