# **INTERVIEW QUESTIONS**

**1.What is semantic HTML?**

**Answer: semantic HTML is the tags that describe their meaning to make a good structure of the webpage. Example:<header>, <footer>**

**2.How does CSS Flexbox differ from Grid?**

**Answer: The Flexbox is 1 dimensional whereas, Grid is 2 dimensional.**

**3.What are media queries?**

**Answer: The media queries are the CSS rules that is used to make responsive webpages (like adjusting screen width dynamically).**

**4.How do you make a website responsive?**

**Answer: We can make a website responsive using media queries, bootstrap and Flexbox and Grid**

**5.Explain the box model.**

**Answer: The box model is a box that contains content->padding->border->margin. This model is the basic structure of a webpage.**

**6.What is the difference between classes and IDs in CSS?**

**Answer: The classes can be used on multiple items to group them. Whereas, ID is to make an element unique. The Classes have lower specificity than ID.**

**7.How can you optimize CSS for performance?**

**Answer: We can optimize CSS for performance by:**

**a. Reducing the CSS files.**

**b. Avoiding more inline styles**

**c. Use only needed selectors**

**d. Use browser caching**

**8.What is the difference between relative and absolute positioning?**

**Answer: In relative positioning, the element moves relative to its normal position.**

**In absolute positioning, the element is placed relative to its nearest positioned ancestors.**

**9.How does the z-index property work?**

**Answer: It controls the stacking order of elements. Higher z-index values appear on top of lower ones (works only on positioned elements).**

**10.What is the difference between padding and margin?**

**Answer: In padding, we can create a space inside the element’s border. Whereas, in Margin we can create space outside the element’s border.**