**CSS:**

1. **What are the different types of Selectors in CSS?**
   1. Universal Selector - \* {}
   2. Element Type Selector - ul {}
   3. ID Selector - #container {}
   4. Class Selector - .container {}
   5. Descendant Combinator - #container .box {}
   6. Child Combinator - .container > .box {}
   7. Adjacent Sibling Combinator - p + p {}
   8. Attribute Selector - input [type=”text”] {}

### **What is a CSS Preprocessor?**

* 1. SASS
  2. LESS
  3. Stylus

1. **What is VH/VW in CSS? Give an example of it’s usages.**

### **What are Pseudo elements and Pseudo classes?**

* 1. Elements:
     1. ::before
     2. ::after
     3. ::first-letter
     4. ::first-line
     5. ::selection
  2. Classes:
     1. :link
     2. :visited
     3. :hover
     4. :active
     5. :focus

### **How do you specify units in the CSS?. What are the different ways to do it?**

* 1. px, em, rem, %

### **Explain CSS specificity**.

* 1. CSS specificity is a rank or score that decides style declaration to be used to an element. ID selectors have high specificity, while universal selector \* has low specificity. The four CSS categories that authorize the selector's specificity level are IDs, inline style, elements/pseudo-elements, and classes and attributes.

**JavaScript:**

1. **What are Data Types in JavaScript?**
   1. String
   2. Number
   3. Bigint
   4. Boolean
   5. Undefined
   6. Null
   7. Symbol
   8. Object
2. **Explain Event Bubbling.**
3. **What is the difference between == and ===?**
4. **What is the output of "10"+20+30 in JavaScript?**
5. **What's the difference between event.preventDefault() and event.stopPropagation() methods in JavaScript?**
6. **What is Debounce and Throttle? Give some example where to use it.**
7. **What is the difference between undefined value and null value?**
8. **How can we detect OS of the client machine using JavaScript?**
   1. navigator.appVersion
9. **Implement function sum() to handle both of the following cases:**
   1. sum(a, b)
   2. sum(a)(b)
10. **Convert the sum() function to add unlimited numbers:**
    1. sum(1)(2)(3)(4)(5)()
11. **Implement method chaining:**
    1. const result = calc.add(10).multiply(5).subtruct(30).add(10);
    2. console.log(result.total); // 30

**React**

1. **What is JSX?**
2. **What is the Virtual DOM?**
3. **Why is there a need for using keys in Lists?**
4. **Do you understand what is Prop drilling in React? How do we refactor Prop Drilling?**
5. **What is a higher-order component in React?**
6. **What are the differences between class and functional components?**
7. **Describe Component and App level state management. What approaches you will use to maintain Component and App states?**
8. **What is a Hook in React? What are the commonly used React Hooks?**
9. **Difference between useCallback and useMemo.**
10. **Why React uses className over class attribute?**
11. **How can we cancel an API call if the component gets unmounted?**