CSS:

1. **What are the different types of Selectors in CSS?**
   a. Universal Selector - * {}
   b. Element Type Selector - ul {}
   c. ID Selector - #container {}
   d. Class Selector - .container {}
   e. Descendant Combinator - #container .box {}
   f. Child Combinator - .container > .box {}
   g. Adjacent Sibling Combinator - p + p {}
   h. Attribute Selector - input [type="text"] {}

2. **What is a CSS Preprocessor?**
   a. SASS
   b. LESS
   c. Stylus

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

4. **What are Pseudo elements and Pseudo classes?**
   a. Elements:
      i. ::before
      ii. ::after
      iii. ::first-letter
      iv. ::first-line
      v. ::selection
   b. Classes:
      i. :link
      ii. :visited
      iii. :hover
      iv. :active
      v. :focus

5. **How do you specify units in the CSS?. What are the different ways to do it?**
   a. px, em, rem, %

6. **Explain CSS specificity.**
   a. 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?**
   a. String
   b. Number
   c. Bigint
   d. Boolean
   e. Undefined
   f. Null
   g. Symbol
   h. 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?**
   a. navigator.appVersion
9. **Implement function sum() to handle both of the following cases:**
   a. sum(a, b)
   b. sum(a)(b)
10. **Convert the sum() function to add unlimited numbers:**
    a. sum(1)(2)(3)(4)(5)()
11. **Implement method chaining:**
    a. const result = calc.add(10).multiply(5).subtruct(30).add(10);
    b. 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?**