Q1. What is Emmet?

Emmet is a free add-on for our text editors. It allows us to type shortcuts that are then expended into full pieces of code.

By using Emmet, developers type less, they save both on keystrokes and time.

Q2. Difference between a Library and Framework?

Libraries provide developers with predefined functions and classes to make their work easier and boost the development process. Whereas Framework on the other hand is like the foundation upon which developers build applications for specific platforms.

By using a library, you can control the flow of the application and call the library. I contrast, when you use a framework, the control is inverted, i.e. the framework controls the flow and calls your code.

Examples of library: JQuery, React JS etc.

Examples of framework: Spring, Node JS, Angular JS, Vue JS etc.

Q3. What is CDN? Why do we use it?

CDN stands for Content Delivery Network.

It refers to a geographically distributed group of servers which work together to provide fast delivery of internet content.

The primary goal of a CDN is to improve web performance by reducing the time needed to send content and rich media to users.

Q4. Why is React known as React?

React is a JavaScript library for building user interfaces.

React makes it painless to create interactive UIs. Design simple views for each state in your application, and React will efficiently update and render just the right components when your data changes.

Q5. What is crossorigin in <script> tag?

The crossorigin attribute on a <script> tag specifies that CORS is supported when loading an external script file from a third party server or domain.

CORS (Cross-Origin Resource Sharing) is a standard mechanism used to retrieve files from other domains.

Q6. What is difference between React and ReactDOM?

React is a JavaScript library for building User Interfaces.

ReactDOM is the JavaScript library that allows React to interact with the DOM.

In a nutshell, Whenever we use component, classes, elements, etc. We are using React and whenever we use methods like render() or findDOMNode() we are using ReactDOM.

Q7. What is difference between react.development.js and react.production.min.js files via CDN?

<script crossorigin src="https://unpkg.com/react@18/umd/react.development.js"></script>

<script crossorigin src="https://unpkg.com/react-dom@18/umd/react-dom.development.js"></script>

The above files are only meant for development and not suitable for production.

Minified and optimized production version of React are available at:

<script crossorigin src="https://unpkg.com/react@18/umd/react.production.min.js"></script>

<script crossorigin src="https://unpkg.com/react-dom@18/umd/react-dom.production.min.js"></script>

Q8. What is async and defer?

These are boolean attributes used with the script tag to load the external scripts efficiently into our web page.

async attribute does not guarantee the order of execution of the scripts but defer does.