Q. What is Emmet?

Ans. Emmet is the essential toolkit for web-developers. It allows you to type shortcuts that are then expanded into full pieces of code for writing HTML and CSS, based on an abbreviation structure most developers already use that expands into full-fledged HTML markup and CSS rules.

Q. Difference between library and framework?

Ans. A library is a piece of code that we can incorporate in our existing project via a CDN or as a package. A library does not affect our project structure. whereas a framework is a structured set of libraries and packages implementing a particular methodology that we have to follow to create a project.

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

Ans. CDN is known as Content delivery network that provides us different type of assets / features / libraries created by others over the internet. Using a CDN reduces our effort to implement a functionality that is already existing somewhere else that we can simply use via CDN.

Q. Why is React known as React?

Ans. React is called "React" because of its core feature, which is its ability to "react" or respond dynamically to changes in data.

React was developed for applications (Facebook) that have constantly changing data. Since React is a front-end framework or the "View" in MVC, this means that as the user clicks around and changes the app's data, the view should "react" or change with those user events. User events being mouse clicks, typing, submitting a form.

React was originally created by Facebook in 2011 for use in their own web applications, and it was released as an open-source project in 2013.

Q. What is cross origin in script tag?

Ans. Cross-origin resource sharing (CORS) is an HTTP based mechanism that allows a server to indicate any origin other than its own from which the browser should permit loading the resources.

Syntax:

<script crossorigin="anonymous|use-credentials">

Q. What is the difference between React and ReactDOM?

Ans. React is a JavaScript library for building User Interfaces
whereas ReactDOM is also JavaScript library that allows React to interact with the DOM.

React is used to create views while React Dom is used to render components in the web UI.

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

Ans. react.development.js is used for development purpose and the code is not compressed while react.production.js is used for production purposes and the code for this library is compressed.

Development is the stage of an application before it's made public while production is the term used for the same application when it's made public. Development build is several times (maybe 3-5x) slower than the production build.

Q. What are async and defer?

Ans.

Difference	Async	Defer
Code	`<script async src = '...'></script>`	`<script defer src = '...'></script>`
Loding Sequence	Does not guarantee the execution sequence of the script	Guarantees the execution sequence of scripts in which they are ordered
Execution Sequence	Loads the scripts while HTML is being rendered. When scripts are loaded, then HTML rendering stops and execution of script starts. When execution is completed, HTML rendering resumes.	Loads the scripts while HTML is being rendered. Executes the scripts only after the HTML is completely rendered