**MODULE:3 React**

Q1: WHAT IS REACT JS..?

React is a free and open-source front-end JavaScript library for building user interfaces based on components. It is maintained by Meta and a community of individual developers and companies. React can be used to develop single-page, mobile, or server-rendered applications with frameworks like Next.js.

Q2: What is NPM in React Js?

NPM is short for node package manager, an online directory that contains the various already registered open-source packages.

Q3: What is CLI command In React Js?

you use the npm CLI (almost) every day. You probably have used a CLI to install or configure software or automate repetitive tasks. There are many use cases for building a CLI and knowing how to do that with your JavaScript and React

Q4: What is Components in React Js?

Components are independent and reusable bits of code. They serve the same purpose as JavaScript functions, but work in isolation and return HTML.

Q5: What is Header and Content Components in React Js?

A header component defines a reusable custom header that can be sent in an API request or returned in an API response.

Q6: How to install React Js on Windows, linux Operating System? How to install NPM and How to check version of NPM?

1. Go into your desired location where you want to start your react app using 'cd' command.
2. Run the below command to setup React app using npx. Command: npx create-react-app my-app. That's it! Your React app is ready with a single command.

How to install npm specific version of npm?

For npm install specific version, use npm install [package-name]@[version-number]. Use npm view [package-name] version to know the specific latest version of a package available on the npm registry. Use npm list [package-name] to know the specific latest version of an installed package.

Q7: How to check version of React Js?

To check which React version is your project using you need to open the package. json. Take a look under the dependencies section. It should list all of the dependencies of your project and one of those should be React.

Q8: • How to change in components of React Js?

Update in state: The state change can be from a prop or setState change to update a variable(say). The component gets the updated state and React re-renders the component to reflect the change on the app.