* Introduction To ES5 & ES6

1. What is ES5?
2. What is ES6?
3. What is difference between ES5 and ES6?
4. What are the advantages of ES6?
5. What are ES5 VS ES6 Syntax Difference?

* Introduction To React JS

1. What is React JS?
2. What is web development?
3. What is DOM (Document Object Model)?
4. What is DOM Manipulation?
5. What is Virtual DOM?
6. How does React use Virtual DOM?
7. Explain Virtual DOM vs Real DOM?
8. What is thinking in React?
9. What is React one – way data binding?
10. What is React two – way data binding?
11. What is one way vs two-way data binding?
12. What is Difference b/n one – way data binding & two – way data binding?
13. What is Server-side rendering?
14. What are Advantages of using server-side rendering?
15. What are Advantages of React.JS?
16. When to use React JS? And when to opt for alternatives?
17. What are Applications of React.js?

* Installation Setup

1. What steps we need to follow for Installation Setup React JS?
2. What steps we need to follow for React JS environment Setup?
3. How we can create app using the Create-react-app Command?
4. What is Node Package Manager?
5. Explain Default vs Named Exports?
6. What is Difference b/n React vs Angular vs Vue?
7. How to Connect React JS with NodeJS?

* Building Blocks of React.JS

1. What are Core Building Blocks of React?
2. What is Components?
3. What is State and Props?
4. What is rendering in React JS?
5. What is Conditional Rendering in React JS?
6. What is JSX Example?
7. Why JSX?
8. What are Advantages of JSX?
9. What is Expressions in JSX?
10. What is Internal Implementation of JSX?
11. How to create a react component with jsx?

* Elements & Functions in React JS

1. What is Rendering Elements in React.JS?
2. How does render function work and update DOM?
3. What is Styling and CSS?

* Components in React JS

1. What are Components in React JS?
2. Types of Components?
3. What is Functional component?
4. What is Class Component?
5. Explain Functional component vs Class Component?
6. How to Create Class Components?
7. How to Creating Functional Components?
8. How to Convert Functional Components to Class Components?

* Programming in React JS

1. What are Props in React JS?
2. What is State in React JS?
3. What is Diff b/n Props vs State in ReactJS?
4. Why Props are Read-only?
5. What is Composition of React Components?
6. What is Stateless Component?
7. What is Stateful Component?
8. When would you use a stateless Component?
9. When would you use a stateful Component?
10. Explain Stateful Component vs Stateless Component?

* Composition of ReactElement

1. What is Composition of ReactComponents?

* Understanding Lifecycle Methods

1. What are lifecycle Methods and what are the uses of it?
2. What is Constructor?
3. What is Render?
4. What is Shouldcomponentupdate lifecycle Methods?
5. What is ComponentDidUpdate lifecycle Methods?

* Programming in ReactJS

1. How to pass props to child components in ReactJs?
2. How to update state of React JS component?
3. What is the significant of SetState function?

* Event Handling

1. What is Events?
2. What is Event Handling?

* Conditional Rendering

1. What is Conditional Rendering in React JS?
2. What is Logical && Operator?
3. What is Switch case operator?
4. What is Conditional Rendering with enums?

* Conditional Rendering 2

1. What is Switch case operator continuation?
2. What is Conditional Rendering with enums?

* Preventing Rendering

1. How to prevent component from rendering?
2. How to connect ReactJS with Node JS?
3. What is propTypes?
4. What is getDefaultProps?
5. How to bind the context (Inline)?
6. UI without ReactJS & Problem?
7. How the ReactJS solving the problem?

* List & Keys

1. What is References?
2. When to use Refs?
3. When not to use Refs?
4. How to Create Refs?
5. How to access Refs?

* Controlled vs Uncontrolled Components

1. What is Controlled component?
2. What is uncontrolled component?
3. Explain Controlled vs uncontrolled components in React JS?

* Composition vs Inheritance

1. What is Inheritance?
2. How to Use composition in React with Example?
3. Practice on Composition & Inheritance?
4. Difference b/n Composition & Inheritance?

* Advance Topics in React JS

1. What is context API?
2. When to use the context API?
3. How to use the Context API?
4. What is Fragments?
5. Why we use Fragments?
6. What is Fragments short Syntax?
7. What is Keyed Fragments?
8. What is Higher-order components?

* Redux Overview

1. What is Redux?
2. What is Flux?
3. What are Elements of Flux?
4. What is Dispatcher?
5. What is Stores?
6. What is Views?
7. What is Actions?
8. What are Advantages of Flux?
9. How to connect Redux and React?
10. Why use Redux with React. js?
11. Redux Architecture?
12. Redux Principles?
13. Redux Components?
14. What is Store in Redux?
15. What is Action in Redux?
16. What is Middleware in Redux?
17. What is a Reducer in Redux?

* Router

1. What is Router?
2. What are the Advantages of Router?
3. How to setup Router in React JS?