React Basic Questions

Question 1.   What is react.js?

Ans=> react is a front-end java script library developed by facebook in 2011

React is a front-end and open-source JavaScript library which is useful in developing user interfaces specifically for applications with a single page. It is helpful in building complex and reusable user interface(UI) components of mobile and web applications as it follows the component-based approach.

The important features of React are:

- It supports server-side rendering.
- It will make use of the virtual DOM rather than real DOM (Data Object Model) as RealDOM manipulations are expensive.
- It follows unidirectional data binding or data flow.
- It uses reusable or composable UI components for developing the view

Current version 17.0

Question 2. What is JSX?

Ans=> JSX is a short hand of java script XML it allo html code inside java script code directly

Question 3. What is component in react js ?

Ans=> component is a simply class or function of java script that can be reuse and extend react class.

They should be independent to other functions for project .

Question 4. What is a state in react ?

Ans=> state are the object which determine component rendering and behavior

We can use them as variable when state is updated render function re-render automatically

Question 5 . what is props in react ?

Ans=> props are the parameters of the component with the help of pops we can share the data between components and they are read-only

Question 6 what is stateful and stateless in react

Ans=>

Stateful=>

1. Stores info about components state change in memory
2. Have authority to change state
3. Contains the knowledge of past current an possible future change in state
4. Stateless components notify them about requirement of the state change then they send down the props to them

Stateless =>

1. Calculate the internal state of the components
2. Do not have the authority to change state
3. Contains no knowledge of past current and possible future state changes
4. They receive the props from the stateful components and treat them as callback function

Question 7. Some of the life cycle methods ?

Ans=>

1. ComponentDidMount
2. componentDidUpdate
3. componentWillUnmount
4. shoulComponentUpdate