Q-1 : Is JSX mandatory for React?

Ans : No

Q-2 : Is ES6 mandatory for React?

Ans : No

Q-3 : How can I write comments in JSX?

Ans : using Curly brackets and write simply JS comment.

Q-4 : What is <React.Fragment><React.Fragment/> and <></>?

Ans : It group a list of children without adding extra node.

Fragments declared with the explicit <Fragment> syntax may have [keys.](https://react.dev/learn/rendering-lists#keeping-list-items-in-order-with-key)

Q-5 : What is Virtual DOM?

Ans : The virtual DOM (VDOM) is a programming concept where an “virtual”, representation of a UI

is kept in memory and synced with the “real” DOM by a library such as ReactDOM.

Q-6 : What is Reconciliation in React?

Ans : The algorithm React uses to diff one tree with another to determine which parts need to be changed.

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Q-7 : What is React Fiber??

Ans : Fiber is the new reconciliation engine in React 16. Its main goal is to enable incremental rendering of the virtual DOM.

Q-8 : Why we need keys in React? When do we need keys in React?

Ans : Keys are unique identifiers that are used to identify which items in a list have changed, updated, or deleted.

Q-9 : Can we use index as keys in React?

Ans : Yes, but not recommended by React.

Q-10 : What is props in React? Ways to?

Ans : Props are the information that you pass to a JSX tag.

Every parent component can pass some information to its child components by giving them props. They are immutable.

Ways to : - Using the spread operator, Using individual props, Using destructuring

Q-11 : What is config driven UI?

Ans : In a configuration-driven UI, **the layout, styles, and other properties of UI elements are depand upon configuration** file or database(backend data).