1) What is Redux?

Ans> Redux is a state management library for javascript applications commonly used in react js.

2) What is Redux Thunk used for?

Ans> Redux Thunk enables Redux to handle asynchronous logic in a straightforward way within your application.

3) What is Pure Component? When to use Pure Component over Component?

Ans> A Pure Component in React is a class component that automatically implements a shallow comparison of its props and state to decide if it should re-render. It helps optimize performance by avoiding unnecessary re-renders when the data hasn't changed.

 Use when your component's render output is purely derived from props and state, and you want to optimize performance by minimizing re-renders.

4) What is the second argument that can optionally be passed tosetState and what is its purpose?

Ans> In React setState function, the second argument that can optionally be passed is a callback function. This callback function will be executed once setState has been completed and the component's state has been updated.

The purpose of the second argument (callback function) in setState in React is to run code right after the component's state has been updated.