1 what are uncontrolled component

A: uncontrolled component  can be used for manage the state using useState

2 what are controlled component

A: The DOM manages the state

3 how can we transfer data from various component

A : we can transfer data using various methods,

    props

    redux

    context

    we can use props to transfer data between components, redux and context to share datas globally using state

4 what is difference between usememo  and usecallback

A: usememo is used for memorisation,which memorise a value,where callback memorise a function

 5 how can we improve performance of react

A: we can improve the performance of react  through many methods in react like hooks,lazyloading etc.,

we can use usememo,callback to reduce unnecessary rerendering, using lazyloading decrease loading time,it takes datas when that data i s needed

6 what is single  application

A : a web app that loads a single HTML page and updates it dynamically

7 how does react application getting single application page

A : A React application achieves a Single Page Application (SPA) behavior using React Router and client-side rendering

8 what is redux and use cases

 A : redux is a third party library ,which is used for centralised global storage in react

we can manage state using action reducer dispatch

9 advantages of react over context

A : Redux uses a single store and selective updates

Redux provides a global store,redux is better for large applications

10 what is useeffect

A : useEffect is a hook ,in which it is used for the side effect it works when the state is changed the function in the useeffect will works,that is whenever the state changes  the fuction is also run repeatedly

11what is jsx

A: jsx is an extension of the javascript,so it is more advance than js,it has more advance level js so it is more easy to build application using jsx than js

12 what is difference between jsx and html

A: jsx is extension of js ,html used for creating structure of a page

13 call api in react aplication

A : Calling an API in a React application typically involves using the fetch API or a library like axios

14 what is the limitation in react

A: Performance, scalability, integration, boilerplate code, Steep Learning Curve

15 what are advantages of react

A: in react there are many advantages,

it is more easier than js,it is reausable,the react appliction can run in different platfform such as mobile,computer

16 how to use style in react

A : just like html ,we can use stlye, by import a css file into an react application or using the style keyword

17 explain routing react

A: routing is  in react,in which it is used for navigating between different pages,by giving different path to the url of pages

18 what are hooks and why the intriduce

A: hooks are used for accessing diffent react features, it start with use keyword,it has many methods

useState- it is used for managing the state

useEffect-  it is used for the side effect it works when the state is changed the function in the useeffect will works

useRef- it is used for getting a reference of object and manapulating the state,we can acess the current value,name,etc., of that object

19 how do we manage state in react applicatuin

A: we can manage state using useState hook

20 what is  props drilling how can we avoid in

A: Props Drilling occurs when props are passed down through multiple layers of components, even when intermediate components don’t need them

Use ReduxUse React Context API to avoid it

21 what is the significiant keys in react how do the works in list

A : In React, keys are unique identifiers assigned to elements in a list. When rendering a list in React, each item should have a unique key

22 what is pure component

A: A Pure Component in React is a component that only re-renders when its state or props change

23 what is the difference between client side rendering and server

A: "client-side rendering" means the browser generates the webpage content by executing JavaScript code sent from the server, while "server-side rendering" means the server generates the complete HTML page before sending it to the browser, allowing users to see content immediately upon loading the pag