1. As soon as the state of react component is changed, component will

   a). As soon as the state of react component is changed, component will

   b). Does nothing , you have to call render method to render the component again

   c). re-renders the component

   d). be created again from scratch

Correct Answer: re-renders the component

2. Controlled Component vs Uncontrolled Component

   a). Controlled Component vs Uncontrolled Component

   b). Controlled Components: every state mutation will have an associated handler function; Uncontrolled Components: store their own states internally

   c). Controlled Components: store their own states internally; Uncontrolled Components: every state mutation will have an associated handler function

   d). Controlled Components: A component who is so good at controlling itself; Uncontrolled Components: A component who has no idea how to control itself

Correct Answer: Controlled Components: every state mutation will have an associated handler function; Uncontrolled Components: store their own states internally

3. Choose the correct option for State vs Props

   a). Choose the correct option for State vs Props

   b). Props is something that the parent doesn't need and decide to throw around among other parents; State is the parent's favorite child and something the component wants to nurture.

   c). Props get passed to the component using naming conventions, like a function parameter; State is managed within the component and holds some information that may change over the lifetime of the component.

   d). Props is a copy of real DOM; State is the definition of the real DOM.

Correct Answer: Props get passed to the component using naming conventions, like a function parameter; State is managed within the component and holds some information that may change over the lifetime of the component.

4. In ReactJS props can be used to pass _____

   a). In ReactJS props can be used to pass _____

   b). Properties to the component

   c). Event handler to component

   d). Both of the above

Correct Answer: Both of the above

5. The state in react can be updated by call to setState method. These calls are

   a). The state in react can be updated by call to setState method. These calls are

   b). Synchronous in nature

   c). Asynchronous in nature

   d). Are asynchronous but can be made synchronous when required

Correct Answer: Asynchronous in nature

6.

In MVC, what does React.js act as?

   a).

In MVC, what does React.js act as?

   b). Model

   c). Controller

   d). Router

Correct Answer: Controller

7.

Using which of the following command can prevent default behaviour at in react?

a).

b). preventDefault

c). avoidDefault

d). revokeDefault

Correct Answer: preventDefault

8. What is ReactJS mainly used for building?

a). What is ReactJS mainly used for building?

b). Database

c). Connectivity

d). User Interface

Correct Answer: User Interface

9. Which of the following are two ways to handle data in react

a). Which of the following are two ways to handle data in react

b). service and components

c). state and props

d). Both a and b

Correct Answer: state and props

10. Keys are given to a list of elements in react. These keys should be

   a). Keys are given to a list of elements in react. These keys should be

   b). Unique in the DOM

   c). Unique among the siblings only

   d). Do not requires to be unique

Correct Answer: Unique among the siblings only

11. By default, it runs after every render, and the behavior of this can be controlled to implement lifecycle methods.

   a). By default, it runs after every render, and the behavior of this can be controlled to implement lifecycle methods.

   b). useState

   c). useEffect

   d). render

Correct Answer: useEffect

12. Which browser storage doesnt clear data even if the browser tab is closed

   a). Which browser storage doesnt clear data even if the browser tab is closed

   b). session storage

   c). local storage

   d). global storage

Correct Answer: local storage

13. it returns a pair of two values, the initial state and a function to modify the state.

   a). it returns a pair of two values, the initial state and a function to modify the state.

b). useEffect

c). setState

d). useState

Correct Answer: useState

14. Where does browser stores values?

a). Where does browser stores values?

b). local storage

c). session storage

d). Both a and b

Correct Answer: Both A and B

15. What is the nature of useState?

a). What is the nature of useState?

b). synchronous

c). Asynchronous

d). Depends on situation

Correct Answer: Asynchronous

16. Which Hook allows us to replicate state management of class components in functions?

a). Which Hook allows us to replicate state management of class components in functions?

b). useEffect

c). useRef

d). useMemo

Correct Answer: useState

17. If you see the following import in a file, what is being used for state management in the component?

import React, {useState} from 'react';

a). If you see the following import in a file, what is being used for state management in the component?

import React, {useState} from 'react';

b). Stateful components

c). Class components

d). React Hooks

Correct Answer: React Hooks

18. _____ hook is used to create a reference of a DOM element

a). _____ hook is used to create a reference of a DOM element

b). useEffect

c). useState

d). ref

Correct Answer: useRef

19. How do you invoke setDone only when component mounts, using hooks?

function MyComponent(props) {

```
  const [done, setDone] = useState(false);



  return <h1>Done: {done}</h1>;

}
```

a). How do you invoke setDone only when component mounts, using hooks?

```
function MyComponent(props) {

  const [done, setDone] = useState(false);



  return <h1>Done: {done}</h1>;

}
```

b). useEffect(() => { setDone(true); });

c). useEffect(() => { setDone(true); }, []);

d). useEffect(() => { setDone(true); }, [setDone]);

Correct Answer: useEffect(() => { setDone(true); }, []);

20. What allowed state management in functional components?

a). What allowed state management in functional components?

b). label

c). input

d). hook

Correct Answer: hooks

21. which of the following is the use of ref?

   a). which of the following is the use of ref?

   b). Used in managing the focus or text selection.

   c). Triggering the animations.

   d). Integrating the third-party DOM libraries.

Correct Answer: All of the above

22. React uses _____

   a). React uses _____

   b). One Way Binding

   c). Two way binding

   d). Multi way binding

Correct Answer: One Way Binding

23. Once we create a reference for an element, we can access the object's properties using the "_____" property.

   a). Once we create a reference for an element, we can access the object's properties using the "_____" property.

   b). current

   c). positional

d). useMemo

Correct Answer: current

24. Using current you can access which of the following?

   a). Using current you can access which of the following?

   b). innerHTML

   c). innerText

   d). offsetWidth

Correct Answer: All of the above

25. ____ is used in the react to return a memoized value.

   a). ____ is used in the react to return a memoized value.

   b). useMemo

   c). current

   d). actual

Correct Answer: useMemo

26. Custom Hooks start with ____

   a). Custom Hooks start with ____

   b). declare

   c). function

   d). use

Correct Answer: use

27. Which of the following is true about custom hooks?

   a). Which of the following is true about custom hooks?

   b). It help us simplify our code

   c). it helps to have component logic required at multiple places or used by multiple components

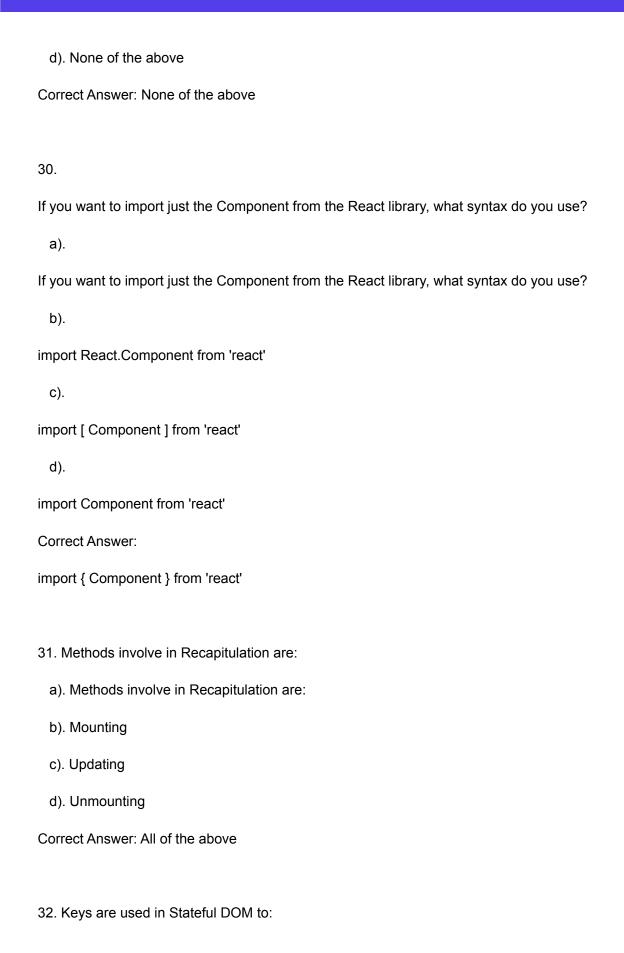   d). Both a and b

Correct Answer: Both a and b

28. Which of the following is a hook?

   a). Which of the following is a hook?

   b). useState

   c). useEffect

   d). Both a and b

Correct Answer: Both a and b

29. Why do we use custom hooks?

   a). Why do we use custom hooks?

   b). for code reusability

   c). uncommon stateful logic

d). None of the above

Correct Answer: None of the above

30.

If you want to import just the Component from the React library, what syntax do you use?

a).

If you want to import just the Component from the React library, what syntax do you use?

b).

import React.Component from 'react'

c).

import [Component] from 'react'

d).

import Component from 'react'

Correct Answer:

import { Component } from 'react'

31. Methods involve in Recapitulation are:

   a). Methods involve in Recapitulation are:

   b). Mounting

   c). Updating

   d). Unmounting

Correct Answer: All of the above

32. Keys are used in Stateful DOM to:

a). Keys are used in Stateful DOM to:

b). identify the changes on an array

c). add or remove an element on an array

d). provide a stable identity for each element

Correct Answer: All of the above

33. What we can use as a key in absence of Stable IDs for rendered items?

a). What we can use as a key in absence of Stable IDs for rendered items?

b). item index

c). item map

d). item text

Correct Answer: item index

34. Uncontrolled Component is basically a collection of elements that are handled by:

a). Uncontrolled Component is basically a collection of elements that are handled by:

b). React.js

c). DOM

d). Both A and B

Correct Answer: DOM

35. Refs could be used:

a). Refs could be used:

b). Managing focus

c). text selection

d). media playback

Correct Answer: All of the above

36. In any React codebase, _____ are the only way to communicate between the components;

a). In any React codebase, _____ are the only way to communicate between the components;

b). Props

c). Props Types

d). SetState

Correct Answer: Props

37. _____ method is used in react to create a Ref?

a). _____ method is used in react to create a Ref?

b). React.createRef()

c). React.makeRef()

d). React.useRef()

Correct Answer: React.createRef()

38. The _____ method tells the browser to remove the form's default behaviour where it navigates to a page when a submit event is triggered.

a). The _____ method tells the browser to remove the form's default behaviour where it navigates to a page when a submit event is triggered.

b). event.removeDefault()

c). event.preventDefault()

d). event.rectifyDefault()

Correct Answer: event.preventDefault()

39. What does help us to store or cache the key-value pair in the web-browser?

   a). What does help us to store or cache the key-value pair in the web-browser?

   b). SessionStorage

   c). LocalStorage

   d). InternalStorage

Correct Answer: LocalStorage

40. Which property of Class Components is used to mutate the state of a component ?

   a). Which property of Class Components is used to mutate the state of a component ?

   b). setState

   c). Ref

   d). Component state is immutable

Correct Answer: setState