

1.What is React.js?

- a. Open-source JavaScript back-end library
- b. JavaScript front-end library to create a database
- c. Free and open-source JavaScript front-end library
- d. None of the mentioned

2.What is a state in React?

- a.A permanent storage.
- b.Internal storage of the component.
- c.External storage of the component.
- d.None of the above.

3.In which of the following directory React.js components are saved?

- a. Inside the js/components/
- b. Inside the vendor/components
- c. Inside the external/components/
- d. Inside the vendor/

4. Does React.js create a VIRTUAL DOM in the memory?

- a.Can't say
- b.FALSE
- c.Can be true or false
- d.TRUE

5.What is the use of "webpack" command in React.js?

- a.The "webpack" command is used to transpile all the JavaScript down into one file.
- b.It runs React local development server.
- c.It is a module bundler.
- d.None of the above.

6.Which of the following is used to pass data to a component from outside in React.js?

- a.Props
- b.Render with arguments
- c.SetState
- d.PropTypes

7. In which condition is the React.js Lifecycle method static `getDerivedStateFromProps(props, state)` is called?

- a. When the state of the component is updated
- b. When a component is created for the first time**
- c. None of the mentioned
- d. Both of the mentioned

8. Which of the following is correct about prop in react?

- a. Can be changed inside another component
- b. Cannot be changed inside the component**
- c. Can be changed in the component
- d. All of the mentioned

9. Which of the following is used to pass data to a component from outside in React?

- a. Props**
- b. render with arguments
- c. `setState`
- d. `PropTypes`

10. Which of the following function is used to change the state of the React.js component?

- a. `this.setState`**
- b. `this.setChangeState`
- c. `this.State{}`
- d. None of the above.

11. Which of the following lifecycle events React components have at the highest level?

- a. Destruction
- b. Initialization**
- c. State/Property Updates
- d. All of the above.

12.Which of the following function is called to render HTML to the web page in React?

- a.render()
- b.rend()
- c.ReactDOM_render()
- d.send()

13.Why is the usage of setState?

- a.Access the previous state before the setState operation.
- b.Replace the state completely instead of the default merge action.
- c.Invoke code after the setState operation is done.
- d.None of the above.

14.How can you set a default value for an uncontrolled form field?

- a.By using the value property
- b.By using the defaultValue property
- c.By using the default property
- d.It is assigned automatically.

15.We can update the state in React.js by calling to setState() method. These calls are:

- a.Synchronous in nature.
- b.Asynchronous and synchronous in nature.
- c.Are asynchronous but can be made synchronous when required.
- d.Asynchronous in nature.

16.What changes would appear in the component as soon as the state of the React component is changed?

- a.It will do nothing; you have to call render method to render the component again.
- b.It will re-render the component.
- c.It can be created again from scratch.
- d.None of the above.

17.What is the use of the create-react-app command in the React.js application?

- a.It is used to update a React app.
- b.It is used to delete React app.
- c.It is used to install dependencies.
- d.It is used to create a new React app.

18.What is true for the keys given to a list of elements in React?

- a.Unique in the DOM.
- b.Unique among the siblings only.
- c.Do not require to be unique.
- d.None of the above.

19.Among the corner which is a must-have for every ReactJS component?

- a.renderComponent
- b.SetinitialComponent
- c.Render
- d.All of the above

20.Which of the following is used to access a function fetch() from h1 element in JSX?

- a.<h1>\${fetch()}</h1>
- b.<h1>{fetch}</h1>
- c.<h1>{fetch()}</h1>
- d.<h1>\${fetch}</h1>