

React Question Bank

- 1) React.js is a free and open-source front-end
a) JavaScript library b) Bootstrap library c) CSS library d) None of these
- 2) React.js had Written in
a) JavaScript b) Python c) Java d) Php
- 3) is used in React.js to increase performance?
a) Virtual DOM b) Original DOM c) Both Original & Virtual DOM d) None of the Above
- 4) What is Babel?
a) A JavaScript transpiler b) A JavaScript interpreter
c) A JavaScript Compiler d) None of these
- 5) Which of the following command is used to create a react app?
a) install -g create-react-app b) npm install create-react-app
c) npx create-react-app reactapp d) None of the these
- 6) port is the default where the webpack-dev-server will run.
a) 3030 **b) 8080** c) 3306 d) 3000
- 7) A valid react component can return only element.
a) 2 b) 3 **c) 1** d) 4
- 8) A state in React.js is also known is
a) A permanent storage. **c) An Internal storage of the component.**
c) An External storage of the component. d) All of the these
- 9) In React what is used to pass data to a component from outside?
a) setState b) render with arguments **c) props** d) PropTypes
- 10) How can you access the state of a component from inside of a member function?
a) this.getState() **b) this.values** c) this.prototype.stateValue d) this.state
- 11) Props are _____ into other components
a) Methods b) Injected c) Both 1 & 2 d) All of these
- 12) What is a react.js in MVC?
a) Middleware b) Controller c) Model **d) View**
- 13) ReactJS uses ____ to increase performance
a) Original DOM **b) Virtual DOM** c) Both 1 & 2 d) None of these
- 14) We can prevent default behavior in React using
a) revokeDefault() **b) preventDefault()** c) avoidDefault() d) None of these

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- 15) React is used mainly for building
 a) Database **b) User interface** c) Connectivity d) Design platform
- 16) What is the smallest building block of ReactJS?
 a) props b) elements **c) components** d) None of these
- 17) React.js was Initially released in
a) May 29, 2013 b) April 29, 2013 c) June 29, 2013 d) May 29, 2014
7th summer
- 18) Keys are given to a list of elements in react. These keys should be -
 a) Do not requires to be unique b) Unique in the DOM
c) Unique among the siblings only d) All of these
- 19) Which of the following is the correct data flow sequence of flux concept?
 a) Dispatcher->Action->Store->View b) Action->Dispatcher->View->Store
c) Action->Dispatcher->Store->View d) Action->Store->Dispatcher->View
- 20) React.js Covers only the view layer of the app.
a) Yes b) No
- 21) helps react for keeping their data unidirectional.
 a) JSX **b) Flux** c) Dom d) Props
- 22) React merges the object you provide into the current state using setState().
a) True b) False
- 23) Arbitrary inputs of components are called
 a) Ref b) Keys **c) Props** d) Elements
- 24) We can prevent default behavior in React using
 a) revokeDefault() **b) preventDefault()** c) avoidDefault() d) None of these
- 25) React is used mainly for building
 a) Database **b) User interface** c) Connectivity d) Design platform
- 26) What is the smallest building block of ReactJS?
 a) props b) elements **c) components** d) None of these
- 27) Which function is used to change the state of react component?
 a) this.State{} **b) this.setState** c) this.setChangeState d) None of these
- 28) Who created React.js?
 a) A Tim Lee b) Jordan Walke **c) Jordan Walke**
- 29) State whether true or false: Props are methods into other components?
a) True b) False
- 30) State whether true or false: React.js covers only the view layer of the app.

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a) True

b) False

31) Among The following options, choose the one which helps react for keeping their data uni-directional?

a) DOM

b) Flux

c) JSX

32) Identify the smallest building block of ReactJS.

a) Elements

b) Props

c) Components

33) Among the following which acts as the input of class-based component?

a) Factory

b) Render

c) props

34) Among the following which is used to create a class inheritance?

a) Inherits

b) Extends

35) Which of the following are two ways to handle data in react?

a) Services and components

b) State and props

c) state and component

36) Choose the method with refers to the parent class in ReactJS?

a) this()

b) super()

c) None

37) The function which is called to render HTML to a web page in react?

a) render_DOM()

b) render()

c) None

38) In react, the key should be?

a) The key should be unique among his siblings only

b) unique in the DOM

c) None

39) Which company developed ReactJS?

a) Google

b) Facebook

c) None

40) Why is ref used?

a) to bind the function

b) None

c) Ref is used to directly access the DOM node.

41) Everything in React is a _____

a) Module

b) Component

c) Package

d) Class

42) How many elements does a react component return?

a) 2 Elements

b) 1 Element

c) Multiple Elements

d) None of These

43) What is state in React?

a) A persistent storage.

b) An internal data store (object) of a component.

44) What is Babel?

a) A transpiler

b) An interpreter

c) A Compiler

d) Both Compiler and Transpiler

45) What does the "webpack" command do?

a) transpires all the Javascript down into one file

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b) Runs react local development server.

c) A module bundler

46) What port is the default where the webpack-dev-server will run?

a) 3000

b) 8080

c) 3306

47) What is Reacts?

a) Server side Framework

b) User-interface framework

c) A Library for building interaction interfaces

d) None of These

48) What are the two ways that data gets handled in React?

a) state & props

b) services & components

49) In React what is used to pass data to a component from outside?

a) setState

b) render with arguments

c) props

d) PropTypes

50) How can you access the state of a component from inside of a member function?

a) this.getState() **b) this.values**

c) this.prototype.stateValue

d) this.state

51) Props are _____ into other components

a) Methods

b) Injected

c) Both 1 & 2

d) All of these

52) What is a react.js in MVC?

a) Middleware

b) View

c) Model

d) Router

53) ReactJS uses _____ to increase performance

a) Original DOM

b) Virtual DOM

c) Both 1 & 2

d) None of above

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

a) Do not requires to be unique

b) Unique in the DOM

c) Unique among the siblings only

d) All of the above

55) Which of the following is the correct data flow sequence of flux concept?

a) Dispatcher->Action->Store->View

b) Action->Dispatcher->View->Store

c) Action->Dispatcher->Store->View

d) Action->Store->Dispatcher->View

56) React.js Covers only the view layer of the app.

a) Yes

b) No

57) What is the name of React.js Developer ?

a) Jordan mike

b) Jordan Lee

c) Jordan Walke

d) Tim Lee

58) Who Develop React.js?

a) Apple

b) Facebook

c) Twitter

d) Google

59) helps react for keeping their data unidirectional.

a) JSX

b) Flux

c) Dom

d) Props

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60) What is a controlled input element?

- a) An input element with the controlled flag
- b) An input element whose value is being controlled by a component's state**
- c) An input element that can only accept a list of characters
- d) An input element that is controlled by the value of another input element

61) What is the declarative way to render a dynamic list of components based on values in an array

- a) Using the reduce array method
- b) With a for/while loop
- c) Using the <Each /> component
- d) Using the Array.map() method**

62) When it is recommended to pass this.setState as a function instead of an object?

- a) When the new state should completely replace the old state**
- b) When the new state depends on the old state
- c) When the new state does not depend on the old state

63) What will happen if you render an input element with disabled = {false}

- a) It will be rendered as enabled**
- b) It will be rendered as disabled
- c) It will not be rendered at all

64) What is a good use case for using a function while rendering a dynamic list of items

- a) If we need to compute a value based on properties of items in the loop.**
- b) None. Functions should not be used while rendering a dynamic list.
- c) To make the code shorter

65) What function can be used to change the state of a React component?

- a) this.setState**
- b) this.changeState
- c) this.State = {}

66) What is the second argument for setState useful for?

- a) To invoke code after the setState operation is done**
- b) To replace the state completely instead of the default merge action
- c) To access the previous state before the setState operation

67) Which of the following below act as the input of a class-based component?

- a) class and factory
- b) render and mount
- c) props**

68) React is a _____

- a) Javascript library**
- b) Javascript framework
- c) Both of above
- d) None of above

69) ReactJS covers _____

- a) User Interface layer in an application**
- b) Data layer in an application
- c) Both a and b
- d) None of above

69) React is _____

- a) Component based**
- b) Module based
- c) Both of these
- d) None of these

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70) Consider following example

```
var Helloworld=(props)=>
```

```
{
  return(
    <div>
      hello world 1
    </div>
    <div>
      Hello world 2
    </div>
  );
}
```

only 1 div tag is require
to remove the error provide 1 div tag inside them nest 2 tags

```
ReactDOM.render(<Helloworld/>,mountNode)
```

What will be the output

- a) Hello world 1 b) Hello world 2 c) Hello world 1 Hello world 2 **d) Error**

71) In ReactJS, props can be used to pass

- a) Properties to the component b) Event handler to component
c) Both of above d) None of above

72) In ReactJS props can be used to pass properties and event handlers to react component

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

- a) Synchronous in nature
b) Asynchronous in nature
c) Are asynchronous but can be made synchronous when required
d) None of above

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

- a) Does nothing , you have to call render method to render the component again
b) re-renders the component
c) be created again from scratch
d) None of above

74) React Lifecycle method static **getDerivedStateFromProps(props , state)** is called when ____

- a) Component is created for the first time b) State of the component is updated
c) Both of above d) None of above

75) componentDidMount lifecycle method is called when ____

- a) Component is created for the first time** b) Component is updated
c) Both of above d) None of above

76) For controlled components in react

- a) Source of truth is DOM **b) Source of truth is component state**
c) Source of truth can be anything d) None of above

77) For uncontrolled components in react

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- a) **Source of truth is DOM**
c) Source of truth can be anything
- b) Source of truth is component state
d) None of above.
- 78) To upload a file from react component, A developer will require to write
a) A controlled component
c) Can be done from both
- b) **An uncontrolled component**
d) None of these
- 79) Ref in react component is used to assign reference to DOM elements. Ref can be created by
a) Calling React.createRef method
c) **Both of above**
- b) Assigning a value to ref attribute in JSX
d) None of these
- 79) In which directory react components are saved?
a) **inside js/components/**
c) inside external/components
- b) inside vendor/components
d) inside vendor/components
- 80) How many elements does a react component returns?
a) 1
b) 0
- c) **Multiple elements with one root element**
d) None of these
- 81) Babel is a _____
a) interpreter
b) compiler
- c) transpiler
d) **Both b & c**
- 82) Webpack command act as a _____
a) **module bundler**
b) transpiler to transpile all javascript into 1 file
c) runs local dev server
d) none
- 83) What are two ways data gets handled in react?
a) **state & props**
b) services & components
- c) state & services
d) state & component
- 84) JSX is acronym for
a) Java Server eXtension
c) Java Script Extender
- b) **JavaScript syntax eXtension**
d) None of these
- 85) If JSX is used in React Js components then which of the following statements are true?
a) JSX is compiled into HTML
c) Both of these
- b) **.JSX is compiled in calls of React.createElement**
d) None of these
- 86) Regarding JSX attributes, Which of the following statement is true?
a) **Attribute names can be used in CAML case**
b) Attribute names can be used in Sentence case
c) Any case can be used it does not matter like html
d) None of these
- 87) Regarding React js components, which of following statement is true?
a) function components can have state
c) class components are light weight
- b) **function components are light weight**
d) class components are faster than function component

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- 88) Regarding React js events, Which statement is true ?
- a) Event raised in parent component can be handled in child component
 - b) Event raised in by child component can be handled in parent component**
 - c) Event raised by a component can be handled only in that component
 - d) All of these
- 89) In React js, which statement is true in relation to keys
- a) Keys are used by developer to traverse react js elements
 - b) Keys are used by react js to improve performance**
 - c) Both of above
 - d) None of above
- 90) How many stages are there in React js life cycle
- a) 1
 - b) 2
 - c) 3**
 - d) 0
- 91) In relation to React js life cycle, Which of the following statement is true
- a) render is called in Mounting life cycle state
 - b) render is called in Updating life cycle stage
 - c) render is called in both Mounting and Updating life cycle stages
 - d) All of above**
- 92) To update state in react forcefully, which method is used
- a) setState
 - b) forceUpdate**
 - c) Both of above
 - d) None of above
- 93) In relation to React js component lifecycle, which statement is true
- a) only function component can have life cycle
 - b) Only class components can have life cycle**
 - c) Both type of components can have life cycle
 - d) None of above
- 94) In React js component's render method_____
- a) JSX can be used to create elements
 - b) Java script can be used to create elements
 - c) Both can be used**
 - d) None of above