<https://www.freshersnow.com/react-js-quiz/>

1. Which of the following concepts is/are key to ReactJS?

1. Component-oriented design
2. Event delegation model
3. Both of the above
4. None

2. What were the major problems with MVC framework?

1. DOM manipulation was very expensive
2. Applications were slow and inefficient
3. Both A and B
4. None

3. What are the life cycles of ReactJS?

1. Initialization
2. State/Property Updates
3. Destruction
4. All of these

4. React JS was found in the year of

1. A. 2012
2. B. 2014
3. C. 2013
4. D. 2016

5. What are the refs in React?

1. A. Managing focus, text selection, or media playback
2. B. Triggering imperative animations
3. C. Integrating with third-party DOM libraries
4. D. All of these

6. What can we do with HOC?

1. A. Render High jacking
2. B. State abstraction and manipulation
3. C. Props manipulation
4. D. All of the above mentioned

7. What are the advantages of ReactJS?

1. A. Component and Data patterns improve readability
2. B. Can be used with other frameworks also
3. C. Both of these
4. D. None

8. Who is the author of React JS?

1. A. Jordan Walke
2. B. Williamson
3. C. Richards
4. D. None

9. React Js is written in

1. A. JavaScript
2. B. Swift
3. C. Ajax
4. D. None

10. Which of the following is used to pass the data from parent to child

1. State
2. Props
3. Both of these
4. None

11. How can you access the state of a component from inside of a member function?

1. this.getState()
2. this.statewrong
3. this.prototype.stateValue
4. this.values

12. What is a good use case for using a function while rendering a dynamic list of items

1. If we need to compute a value based on the properties of items in the loop.
2. None. Functions should not be used while rendering a dynamic list.
3. To make the code shorter

13. What is the second argument for setState useful for?

1. To invoke code after the setState operation is donecorrect
2. To replace the state completely instead of the default merge actionwrong
3. To access the previous state before the setState operation

14. ReactJS uses \_\_\_\_\_ to increase performance

1. Virtual DOM
2. Original DOM
3. Both of above
4. None of above

15. What is the default port for webpack dev server?

1. 3000
2. 8080
3. 3306
4. 8809

16. What are two ways data gets handled in react?

1. state & props
2. services & components
3. state & services
4. state & component

17. React Js is developed by

1. Google
2. Microsoft
3. Facebook
4. None of above

18. What are the limitations of ReactJS?

1. React is only for view layer of the app so we still need the help of other technologies to get a complete tooling set for the development
2. React is using inline templating and JSX. This can seem awkward to some developers
3. The library of react is too large
4. All of these

19. How many stages are there in React js life cycle

1. 1
2. 2
3. 3
4. 0

20. In relation to React js component lifecycle, which statement is true

1. only function component can have a life cycle
2. Only class components can have life cycle
3. Both types of components can have life cycle
4. None of above

21. In react, this is used to pass data to component from outside?

1. set state
2. render with the argument
3. props
4. propTypes

22. Ref in react component is used to assign reference to DOM elements. Ref can be created by

1. Calling React.createRef method
2. Assigning a value to ref attribute in JSX
3. Both of above
4. None of above

23. Everything in react is \_\_\_\_\_\_\_\_\_

1. module
2. component
3. package
4. class

24. How many elements does a react component returns?

1. 1
2. 0
3. Multiple elements with one root element
4. None of the above

25. Which of the following is a correct definition of state in react?

1. A persistent storage
2. An internal data store (object) of component
3. Both
4. None

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

1. Synchronous in nature
2. Asynchronous in nature
3. Are asynchronous but can be made synchronous when required
4. None of above

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

1. Unique in the DOM
2. Unique among the siblings only
3. Do not requires to be unique
4. None of above

28. Regarding React js components, which of following statement is true?

1. function components can have state
2. function components are lightweight
3. class components are lightweight
4. class components are faster than function component

29. To update state in react forcefully, which method is used

1. setState
2. force update
3. Both of above
4. None of above

30. What will happen if you render an input element with disabled = {false}

1. It will be rendered as enabled
2. It will be rendered as disabled
3. It will not be rendered at all

31. React is a \_\_\_\_\_\_\_\_

* A. Javascript library
* B. Javascript framework
* C. Both of above
* D. None of above

ReactJS is a javascript library for building user interfaces. its not a framework

32. ReactJS covers \_\_\_\_\_\_

* A. User Interface layer in an application
* B. Data layer in an application
* C. Both a and b
* D. None of above

ReactJS is a javascript library for building user interfaces. it covers only user interface layer of an application

33. ReactJS uses \_\_\_\_\_ to increase performance

* A. Virtual DOM
* B. Original DOM
* C. Both of above
* D. None of above

ReactJS uses virtual DOM to increase performance

34. React is \_\_\_\_\_\_\_

* A. Component-based
* B. Module based
* C. Both of above
* D. None of above

ReactJS is component based

35. Consider following example  
var Helloword=(props)=>  
{  
return(

hello world 1

Hello world 2

);  
}  
ReactDOM.render(,mountNode)  
What will be the output

* A. Hello world 1
* B. Hello world 2
* C. Hello world 1 Hello world 2
* D. Error

Two adjacent element in JSX should be wrapped in an element so this program will result an error

36. Number of elements, a valid react component can return

* A. 1
* B. 2
* C. 3
* D. 4

in react component we can return only one element

37. State in react is\_\_\_\_\_\_\_\_

* A. A permanent storage
* B. Internal storage of the component
* C. Both of above
* D. None of above

state in react is the storage of component

38. props in react can\_\_\_\_\_\_\_

* A. Be changed inside the component
* B. Not be changed in the component
* C. Be changed in side other component
* D. None of above

props can not be changed in the component

39. 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

in ReactJS props can be used to pass properties and event handlers to react component

40. 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

41. 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

As soon as state is updated, component re-renders itself

42. React Lifecycle method static getDerivedSateFromProps(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

static getDerivedSateFromProps(props , state) is called in both cases , when component is created and when component is updated

43. 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

componentDidMount lifecycle method is called when component is created for the first time.

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

* A. Unique in the DOM
* B. Unique among the siblings only
* C. Do not requires to be unique
* D. None of the above.

Keys given to the list of elements in react should be unique among the siblings only.

45. 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

For controlled components in react, source of truth is Component state

46. For uncontrolled 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.

For un-controlled components in react, source of truth is DOM.

47. To upload a file from react component, A developer will require to write

* A. A controlled component
* B. An uncontrolled component
* C. Can be done from both
* D. None of above

File upload can not be done from controlled components because it requires user input

48. Ref in react component is used to assign reference to DOM elements. Ref can be created by

* A. Calling React.createRef method
* B. Assigning a value to ref attribute in JSX
* C. Both of above
* D. None of above

reference can be created either by calling React.createRef or by assigning the value to ref attribute of an element

49. Everything in react is \_\_\_\_\_\_\_

* A. module
* B. component
* C. package
* D. class

50. In which directory react components are saved?

* A. inside js/components
* B. inside vendor/components
* C. inside external/components
* D. inside vendor/components

Top of Form

51. How many elements does a react component returns?

* A. 1
* B. 0
* C. Multiple elements with one root element
* D. None of the above

A react component returns only one root element. this root element can have multiple children

52. Which of the following is a correct definition of state in react?  
a. A persistent storage  
b. An internal data store (object) of component

* A. a
* B. b
* C. Both
* D. None

53. Babel is a \_\_\_\_\_\_\_

* A. interpreter
* B. compiler
* C. transpiler
* D. Both b & c

54. Webpack command act as a \_\_\_\_\_\_\_\_\_\_\_

* A. module bundler
* B. transpiler to transpile all javascript into 1 file
* C. runs local dev server
* D. none

55. What is the default port for webpack dev server?

* A. 3000
* B. 8080
* C. 3306
* D. 8809

56. Reactjs is a \_\_\_\_\_\_\_\_\_

* A. server-side framework
* B. user interface framework  
  wrong
* C. library for building interaction interfaces
* D. bundled jars

57. What are two ways data gets handled in react?

* A. state & props
* B. services & components
* C. state & services
* D. state & component

58. In react, this is used to pass data to component from outside?

* A. set state
* B. render with the argument
* C. props
* D. propTypes

59. React Js is developed by

* A. Google
* B. Microsoft
* C. Facebook
* D. None of above

React js is developed by facebook

60. JSX is acronym for

* A. Java Server eXtension
* B. JavaScript eXtension
* C. Java Script Extender
* D. None of above

JSX is acronym for JavaScript eXtension

61. 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

62. Props are \_\_\_\_\_\_\_\_\_\_ into other components

* A. Methods
* B. Injected
* C. Both 1 & 2
* D. All of the above

63. What is a react.js in MVC?

* A. Middleware
* B. Controller
* C. Model
* D. Router

64. ReactJS uses \_\_\_\_\_ to increase performance

* A. Original DOM
* B. Virtual DOM
* C. Both 1 & 2
* D. None of above

65. 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

66. React.js Covers only the view layer of the app.

* True
* False

67. What is the name of React.js Developer ?

* A. Jordan mike
* B. Jordan Lee
* C. Jordan Walke
* D. Tim Lee

68. Who Develop React.js?

* A. Apple
* B. Facebook
* C. Twitter
* D. Google

69. Who Develop React.js?

* A. Apple
* B. Facebook
* C. Twitter
* D. Google

70. .............. helps react for keeping their data unidirectional.

* A. JSX
* B. Flux
* C. Dom
* D. Props

71. What is ReactJS?

* A. Server-side Framework
* B. User-interface framework
* C. Both
* D. None

72. What are the limitations of ReactJS?

* A. React is only for view layer of the app so we still need the help of other technologies to get a complete tooling set for development
* B. React is using inline templating and JSX. This can seem awkward to some developers
* C. The library of react is too large
* D. All of these

73. How can you access the state of a component from inside of a member function?

* A. this.getState()
* B. this.prototype.stateValue
* C. this.state
* D. this.values

74. Props are \_\_\_\_\_\_\_\_\_\_ into other components

* A. Injected
* B. Methods
* C. Both A and B
* D. All of these

75. Which of the following API is a MUST for every ReactJS component?

* A. getInitialState
* B. renderwrong
* C. render component
* D. None

76. At the highest level, React components have lifecycle events that fall into

* A. Initialization
* B. State/Property Updates
* C. Destruction
* D. All of these

77. What are the advantages of React JS?

* A. React can be used on client and as well as server side too
* B. Using React increases readability and makes maintainability easier. Component, Data patterns improves readability and thus makes it easier for manitaining larger apps
* C. React can be used with any other framework (Backbone.js, Angular.js) as it is only a view layer
* D. All of the above

78. How does React handle Web Accessibility Initiative - Accessible Rich Internet Applications (WAI-ARIA) standard?

* A. aria-\* HTML attributes are fully supported in JSX. Where most DOM properties and attributes in React are camelCased, these attributes should be lowercased
* B. aria-\* attributes should be converted to camelCase like other attributes eg. className, onChange and so on
* C. React processes aria-\* attributes separately and update the DOM for accessibility if the user requires it
* D. React is yet to support WAI-ARIA standard

79. What does the “webpack” command do?

* A. Transpiles all the Javascript down into one file
* B. Runs react local development server
* C. Both A and B
* D. None

80. What is a react.js in MVC?

* A. Controller
* B. Middleware
* C. Model
* D. Router

81. What kind of component import React from 'react' is?

* A. stateless component
* B. statefull component
* C. pure component

82. What is ReactJS?

* A. User-interface framework
* B. Server-side Framework
* C. Both server & Client

83. Which of following is used to pass data to a component from outside?

* A. PropTypes
* B. set State
* C. render with arguments
* D. props

84. What function allows you to render React content in an HTML page?

* A. React.mount()
* B. ReactDOM.start()
* C. ReactDOM.render()
* D. React.render()

85. React.js was created by

* A. Jordan Walke
* B. Jordan mike
* C. Tim Lee
* D. Jordan Lee

86. Arbitrary inputs of components in React are called

* A. Keys
* B. Props
* C. Elements
* D. Ref

87. What is state in React?

* A. A persistant storage
* B. An internal data store (object) of a component.

88. What does the webpack command do?

* A. A module bundle
* B. Runs react local development server.
* C. Transpiles all the Javascript down into one file
* D. None of the above

89. What create-react-app command do

* A. Update a react app
* B. Creates new react app
* C. install dependencies

90. How many elements does a react component return?

* A. 1
* B. 2
* C. Multiple Elements

91. in which directory react components are saved?

* A. Inside vendor/
* B. Inside js/components/
* C. Inside vendor/components/
* D. Inside external/components/

92. Everything in react is a ...................

* A. Class
* B. Module
* C. Package
* D. Component

93. Props are \_\_\_\_\_\_\_\_\_\_ into other components.

* A. Injected
* B. Methods

94. React.js Covers only the view layer of the app.

* True
* False

95. How can you access the state of a component from inside of a member function?

* A. this.state
* B. this.values
* C. this.getState()
* D. this.prototype.stateValue

96. How many elements does a react component return?

* A. 1 Element
* B. 2 Elements
* C. Multiple Elements
* D. None of the above

97. ReactJS uses \_\_\_\_\_ to increase performance.

* A. Original DOM
* B. Virtual DOM
* C. Both Original & Virtual DOM
* D. None of the above

98. For controlled components in react

* A. Source of truth is DOM
* B. Source of truth can be anything
* C. Source of truth is a component state
* D. None of the above

99. What are the two ways that data gets handled in React?

* A. state & props
* B. services & components
* C. None of the above

100. Which of the following option is used to access the state of a component from inside of a member function?

* A. this.state
* B. this.values
* C. this.getState()
* D. this.prototype.stateValue

Props are used to pass data to a component from outside

101. At the highest level, React components have lifecycle events that fall into

* A. Destruction
* B. Initialization
* C. State/Property Updates
* D. All of these

102. React is mainly for building ..........

* A. Database
* B. Connectivity
* C. Design platform
* D. User interface

103. React supports all the syntax of ........

* A. ES6
* B. Redux
* C. Native Java
* D. None of the above

104. Which of the following concepts is/are key to ReactJS?

* A. Event delegation model
* B. Component-oriented design
* C. Both of the above
* D. None of the above

105. What is babel in react?

* A. Compiler
* B. Transpiler
* C. Interpreter
* D. Both Compiler & Transpiler

106. What is snapshot testing used for in react?

* A. It allows us to test Javascript objects
* B. It helps you write applications
* C. It provides clear, enduring assertions
* D. None of the above

107. React considers everything as ......................

* A. Objects
* B. Elements
* C. Components
* D. User interface

108. Javascript is used for dom manipulation in react

* True
* False

109. In react state can be accessed using .................

* A. this.state
* B. this.state()
* C. state.current()
* D. None of the above

110. Everything in React is a \_\_\_\_\_\_\_\_\_\_\_\_

* A. Module
* B. Component
* C. Package
* D. Class