

Frontend With ReactJS

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MCQ FRONTEND

Total - 75 Questions

Duration - 90Mins

1. The most basic part of any HTML page is?

1 point

- ☒ a) ASCII Text
- ☐ b) Binary Text
- ☐ c) Text
- ☐ d) None of the above

Clear selection

2. Which of the following things are necessary to create an HTML page?

1 point

- ☐ a) A text editor.
- ☐ b) Web Browser
- ☒ c) Both A and B
- ☐ d) None of the above

Clear selection



3. What are the types of unordered lists in HTML?

1 point

- ☒ a) Circle, square, disc.
- ☐ b) Triangle, Square, disc.
- ☐ c) Triangle, Circle, Disc.
- ☐ d) All the above.

Clear selection

4. Which of the following HTML tag is used to display the text with scrolling effect? 1 point

- ☐ a) <marquee>
- ☐ b) <scroll>
- ☐ c) <div>
- ☐ d) None of the above

5. Which of the following is the correct way to start an ordered list with the count of numeric value 4? 1 point

- ☐ a) <ol type = "1" initial = "4">
- ☐ b) <ol type = "1" begin = "4">
- ☐ c) <ol type = "1" num = "4">
- ☐ d) <ol type = "1" start = "4">



6. Which tag is used in HTML5 for the initialization of the document type?

1 point

- ☐ a) <Doctype HTML>
- ☒ b) <!DOCTYPE html>
- ☐ c) <Doctype>
- ☐ d) <\Doctype html>

Clear selection

7. Which HTML tag do we use for displaying the power in the expression, $(x^2 - y^2)$?

1 point

- ☐ a) <p>
- ☐ b) <sub>
- ☐ c) <sup>
- ☐ d) None of the above

8. Which of these doesn't support the MP3 format?

1 point

- ☐ a) Opera
- ☐ b) Safari
- ☐ c) Chrome
- ☐ d) Firefox



9. The tags in HTML are –

1 point

- ☐ a) case-sensitive
- ☐ b) in the upper case
- ☐ c) not case sensitive
- ☒ d) in lowercase

Clear selection

10. If a background image is smaller than the screen on which it is being displayed, what will occur on the webpage?

1 point

- ☐ a) The blank space will be shown in black
- ☐ b) The image will be stretched.
- ☒ c) The image will be repeated.
- ☐ d) The image won't be displayed.

Clear selection

11. What are the properties of block-level elements?

1 point

- ☐ a) It always starts on a new line.
- ☐ b) It always takes the full width available.
- ☐ c) It has a top and bottom margin.
- ☐ d) All of the above.



12. Which of the following is the correct way to create a list using lowercase letters? 1 point

- ☐ a) <ol alpha = "a" >
- ☐ b) <ol type = "a">
- ☐ c) <ol letter = "a">
- ☐ d) None of the above

13. A program in HTML can be rendered and read by –

1 point

- ☐ a) Web browser
- ☐ b) Server
- ☐ c) Interpreter
- ☐ d) None of the above

14. The non-ASCII characters would be replaced with _____ by the process of URL encoding. 1 point

- ☐ a) "+"
- ☐ b) "%"
- ☐ c) "&"
- ☐ d) "*"



15. What is the work of element in HTML 5

1 point

- ☐ a) contains the IP address
- ☐ b) contains the home address
- ☐ c) contains url
- ☐ d) contains contact details for author

16. Which of the following tag is used to create a text area in HTML Form?

1 point

- ☐ a) `<textarea> </textarea>`
- ☐ b) `<text></text>`
- ☐ c) `<input type="text" />`
- ☐ d) `<input type="textarea" />`

17. Which HTML element is removed from HTML5?

1 point

- ☐ a) `<center>`
- ☐ b) `<canvas>`
- ☐ c) `<datalist>`
- ☐ d) `<dfn>`



18. Which HTML element is used for a short quote?

1 point

- ☐ a)
- ☐ b) <abbr>
- ☐ c) <q>
- ☐ d) <blockquote>

19. In HTML, which attribute is used to create a link that opens in a new window tab?

1 point

- ☐ a) src="_blank"
- ☐ b) alt="_blank"
- ☐ c) target="_self"
- ☐ d) target="_blank"

20. What is the correct syntax to write an HTML comment?

1 point

- ☐ a) <!-- Comment -->
- ☐ b) // Comment
- ☐ c) # Comment
- ☐ d) /* Comment */



21. What is the function of the HTML style attribute?

1 point

- ☐ a) It is used to add styles to an HTML element.
- ☐ b) It is used to uniquely identify some specific styles of some element.
- ☐ c) Both A and B.
- ☐ d) None of the above.

22. Which attribute is used to provide a unique name to an HTML element?

1 point

- ☐ a) id
- ☐ b) class
- ☐ c) type
- ☐ d) None of the above

23. HTML is a subset of _____

1 point

- ☐ a) SGMT
- ☐ b) SGML
- ☐ c) SGME
- ☐ d) XHTML



24. Which of the following is not the element associated with the HTML table layout?

1 point

- ☐ a) alignment
- ☐ b) color
- ☐ c) size
- ☐ d) spanning

25. Which element is used to get highlighted text in HTML5?

1 point

- ☐ a) <u>
- ☐ b) <mark>
- ☐ c) <highlight>
- ☐ d)

26. What is CSS?

1 point

- ☐ a) CSS is a style sheet language
- ☐ b) CSS is designed to separate the presentation and content, including layout, colors, and fonts
- ☐ c) CSS is the language used to style the HTML documents
- ☐ d) All of the mentioned



27. Which of the following CSS selectors are used to specify a group of elements?

1 point

- ☐ a) tag
- ☐ b) id
- ☐ c) class
- ☐ d) both class and tag

28. Which of the following CSS selector is used to specify a rule to bind a particularly unique element?

1 point

- ☐ a) tag
- ☐ b) id
- ☐ c) class
- ☐ d) both class and tag

29. What will be the output the of following CSS code snippet?
h1 {color: "#ff0000";}

1 point

- ☐ a) nothings happen
- ☐ b) error occurs
- ☐ c) heading becomes dark-green
- ☐ d) heading becomes green



30. What will be the output of the following CSS code snippet?
h1 {color: red text-decoration: underline; font-style: italic;}

1 point

- ☐ a) color: red, text-decoration: underline works
- ☐ b) only font-style: italic works
- ☐ c) color: red, text-decoration: underline and font-style: italic all works
- ☐ d) text-decoration: underline and font-style: italic works

31. Which of the following are the CSS Extension Prefixes for Webkit?

1 point

- ☐ a) -chrome
- ☐ b) -web
- ☐ c) -o-
- ☐ d) -webkit

32. Which of the following is the correct syntax to link an external style sheet in the HTML file?

1 point

- ☐ a) <link rel="stylesheet" href="style.css" />
- ☐ b) <link rel="stylesheet" src="style.css" />
- ☐ c) <style rel="stylesheet" src="style.css" />
- ☐ d) <style rel="stylesheet" link="style.css" />



33. Which of the following function defines a linear gradient as a CSS image? 1 point

- ☐ a) gradient()
- ☐ b) linear-gradient()
- ☐ c) grayscale()
- ☐ d) image()

34. In the below code snippet, in what order will the margins be added? 1 point

```
p {  
  margin: 25px 50px 75px 100px;  
}
```

- ☐ a) Top, Right, Bottom, Left
- ☐ b) Top, Left, Bottom, Right
- ☐ c) Top, Bottom, Right, Left
- ☐ d) Right, Left, Top, Bottom



35. What will be the output of the following CSS code snippet?

1 point

```
span {  
  border: 1px solid #ff0000;  
  outline: #00FF00 dotted thick;  
}
```

- ☐ a) All span elements will have a green thick border and a red outline
- ☐ b) All span elements will have a red border and a green dotted outline
- ☐ c) All span elements will have an outer green dotted border and an inner red border
- ☐ d) All span elements will have an outer red border and an inner green dotted border

36. How can we specify the spacing between each letter in a text in CSS?

1 point

- ☐ a) alpha-spacing
- ☐ b) letter-spacing
- ☐ c) character-spacing
- ☐ d) None of the above

37. Which of the following are valid CSS position property values?

1 point

- ☐ a) static
- ☐ b) relative
- ☐ c) fixed
- ☐ d) All the above



38. What does the inherit value for a property do?

1 point

- ☐ a) Inherits the value of the parent element.
- ☐ b) Invalid property name.
- ☐ c) Changes the value of the parent element's property.
- ☐ d) Inherits the value of the root element.

39. What value should be passed to the width parameter if we want an element, say a table, to span the entire width of the screen?

1 point

- ☐ a) 100%
- ☐ b) 50%
- ☐ c) 0%
- ☐ d) 90%

40. Which of the following CSS properties specifies the stack order of elements?

1 point

- ☐ a) z-index
- ☐ b) overlap
- ☐ c) No such specific property is present.
- ☐ d) Clip-path



41. How can we select elements with a specified attribute in CSS? 1 point

- ☐ a) [attribute] selector
- ☐ b) [property] selector
- ☐ c) Both A and B
- ☐ d) None of the above

42. Which of the following are types of length units in CSS? 1 point

- ☐ a) Absolute
- ☐ b) Relative
- ☐ c) Both A and B
- ☐ d) contain

43. What parameter does the calc () function in CSS take? 1 point

- ☐ a) A sentence
- ☐ b) A mathematical expression
- ☐ c) A number
- ☐ d) None of the above



44. What is the general syntax of writing the var () function?

1 point

- ☐ a) var (--name, value)
- ☐ b) var (--name)
- ☐ c) var(value)
- ☐ d) None of the above

45. If we don't want to allow a floating div to the left side of an element, _____ CSS property will we use.

1 point

- ☐ a) clear
- ☐ b) padding
- ☐ c) margin
- ☐ d) float

46. Which of the following Cascading Style Sheet text properties defines the minimum and maximum space between words?

1 point

- ☐ a) word-wrap
- ☐ b) word-break
- ☐ c) word-spacing
- ☐ d) white-space



47. In a CSS file, there is a CSS rule for paragraphs tags – what does p can be called?

1 point

- ☐ a) Selector
- ☐ b) Attribute
- ☐ c) Property
- ☐ d) Tag

48. Which CSS property is used to style the hyperlinks on hover (Mouse over)?

1 point

- ☐ a) a:mouseover
- ☐ b) a:move
- ☐ c) a:mover
- ☐ d) a:hover

49. The CSS property used to specify whether the text is written in the horizontal or vertical direction?

1 point

- ☐ a) writing-mode
- ☐ b) text-indent
- ☐ c) word-break
- ☐ d) None of the above



50. Which of the following is the correct syntax to select the p siblings of a div element?

1 point

- ☐ a) p
- ☐ b) div + p
- ☐ c) div p
- ☐ d) div ~ p

51. What is a state in React?

1 point

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

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

1 point

- ☐ a) Render with arguments
- ☐ b) PropTypes
- ☐ c) SetState
- ☐ d) Props



53. What is the use of the “web pack” command in React.js?

1 point

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

54. What do you call the message wrapped in curly braces below?

1 point

```
let message = 'Hi there';  
const element = {message};
```

- ☐ a) JS function
- ☐ b) JS element
- ☐ c) JSX wrapper
- ☐ d) JS expression

55. Which of the following method refers to the parent class in React.js?

1 point

- ☐ a) this()
- ☐ b) self()
- ☐ c) inherits()
- ☐ d) super()



56. How many ways of defining your variables in ES6?

1 point

- ☐ a) 3
- ☐ b) 1
- ☐ c) 4
- ☐ d) 2

57. We can update the state in React.js by calling to setState() method. These calls are_____

1 point

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

58. Which of the following is method is not a part of ReactDOM?

1 point

- ☐ a) ReactDOM.hydrate()
- ☐ b) ReactDOM.destroy()
- ☐ c) ReactDOM.createPortal()
- ☐ d) All of the mentioned



59. Which of the following keyword is used to create a class inheritance?

1 point

- ☐ a) Create
- ☐ b) Inherits
- ☐ c) Extends
- ☐ d) This

60. Which of the following best defines the “key” prop?

1 point

- ☐ a) “Key” prop is a way for React to identify a newly added item in a list and compare it during the “diffing” algorithm.
- ☐ b) It is one of the attributes in HTML.
- ☐ c) “Key” prop is used to look pretty, and there is no benefit whatsoever.
- ☐ d) None of these

61. Which of the following lifecycle methods does not get triggered on the component’s initial render?

1 point

- ☐ a) componentWillMount()
- ☐ b) render()
- ☐ c) componentWillReceiveProps()
- ☐ d) componentDidMount()



62.What can you use to handle code splitting?

1 point

- ☐ a)React.split
- ☐ b)React.lazy
- ☐ c) React.memo
- ☐ d) React.fallback

63. What would be the output of the following example?

1 point

```
var Helloword=(props)=>
{
  return(
<div>
Hello World 1
<div>
<div>
Hello World 2
<div>
);
}
ReactDOM.render(,mountNode)
```

- ☐ a) Hello World 1
- ☐ b) Hello World 2
- ☐ c) Hello World 1 Hello World 2
- ☐ d) Error



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

1 point

- ☐ a) Initialization
- ☐ b) State/Property Updates
- ☐ c) Destruction
- ☐ d) All of these

65. What of the following is used in React.js to increase performance?

1 point

- ☐ a) Original DOM
- ☐ b) Virtual DOM
- ☐ c) Both A and B.
- ☐ d) None of the above.

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

1 point

- ☐ a) It will do nothing; you must call the 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.



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

1 point

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

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

1 point

- ☐ a) function components can have a state.
- ☐ b) function components are light weight.
- ☐ c) class components are light weight.
- ☐ d) class components are faster than function component

69. In React js, which statement is true in relation to keys

1 point

- ☐ a) Keys are used by the developer to traverse react js elements.
- ☐ b) Keys are used by react js to improve performance.
- ☐ c) Both options a & b
- ☐ d) None of above



70. In relation to React js component lifecycle, which statement is true 1 point

- ☐ a) only function components can have a life cycle.
- ☐ b) Only class components can have a life cycle.
- ☐ c) Both types of components can have life cycle
- ☐ d) None of above

71. What does this React element look like given the following function? 1 point

`React.createElement('h1', null, "What's happening?");`

- ☐ a) `<h1 props={null}>What's happening?</h1>`
- ☐ b) `<h1>What's happening?</h1>`
- ☐ c) `<h1 id="component">What's happening?</h1>`
- ☐ d) `<h1 id="element">What's happening?</h1>`



72. How do you destructure the properties that are sent to the ReactTest component?

1 point

```
function ReactTest (props) {
```

```
  return (
```

```
    <h1> {props.name} {props.reactTest} </h1>
```

```
  ); }
```

- ☐ A) function ReactTest([name, reactTest]) { return <h1>{name} { reactTest } </h1>; }
- ☐ B) function ReactTest({name, reactTest }) { return <h1>{name} { reactTest } </h1>; }
- ☐ C) function ReactTest(props) {return <h1>{name} { reactTest } </h1>; }
- ☐ D) function ReactTest(...props) { return <h1>{name} { reactTest } </h1>; }

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

1 point

- ☐ a) getInitialState
- ☐ b) render
- ☐ c) renderComponent
- ☐ d) None of the Above



74. How do you invoke setDone only when the component mounts, using hooks? 1 point

```
function MyComponent(props) {  
  const [done, setDone] = useState(false);  
  return <h1> Done: {done}</h1>;  
}
```

- ☐ a) useEffect(() => { setDone(true); });
- ☐ b) useEffect(() => { setDone(true); }, []);
- ☐ c) useEffect(() => { setDone(true); }, [setDone]);
- ☐ d) useEffect(() => { setDone(true); }, [done, setDone]);

75. What do you need to change about this code to get it to run? 1 point

```
class clock extends React.Component {  
  render() {  
    return Look at the time: {this.props.time}</h1>;  
  }  
}
```

- ☐ a) Remove this.props
- ☐ b) Remove the render method.
- ☐ c) Capitalize clock.
- ☐ d) Add quotes around the return value

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