ReactJS MCQ

1 React has been developed by:
- ❏ Google
- ❏ Apple
- ❏ Facebook
- ❏ Microsoft

2 What is the state in React?
- ❏ A persistent storage.
- ❏ An internal data store (object) of a component.

3 In React what is used to pass data to a component from outside?
- ❏ setState
- ❏ render with arguments
- ❏ props
- ❏ PropTypes

4 Check the correct answer(s):
- ❏ A child component can send a prop back to the parent component.
- ❏ Data binding is unidirectional.
- ❏ Props can be updated inside component.
- ❏ State can be updated inside component.

5 What is the correct order of component lifecycle:

❏ A

componentWillMount()
componentDidMount()
shouldComponentUpdate()
componentWillReceiveProps()
componentWillUpdate()
componentDidUpdate()
componentWillUnmount()

❏ B

componentWillReceiveProps()
componentWillMount()
componentDidMount()
componentWillUpdate()
componentDidUpdate()
shouldComponentUpdate()
componentWillUnmount()

❏ C

componentWillMount()
componentDidMount()
componentWillReceiveProps()
shouldComponentUpdate()
componentWillUpdate()
componentDidUpdate()
componentWillUnmount()

6 HOC:

❏ HOC are custom components which wrap another component within it.

❏ HOC are simple base components without Props which only has a render().

7 Everything in React is a :

- ❏ Module
- ❏ Component
- ❏ Package
- ❏ Class

8 Ref is used to refer an element / component returned by:

- ❏ react()
- ❏ render()
- ❏ reduce()
- ❏ refer()

9 Consider following example:

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

What will be the output:

- ❏ Hello world 1
- ❏ Hello world 2
- ❏ Hello world 1 Hello world 2
- ❏ Error

10 How do you access a function fetch() from a h1 element in JSX?
- ❏ <h1>{fetch()}</h1>
- ❏ <h1>${fetch()}</h1>
- ❏ <h1>{fetch}</h1>
- ❏ <h1>${fetch}</h1>

11 Which method in a React Component should you override to stop the component from updating?
- ❏ willComponentUpdate
- ❏ componentDidUpdate
- ❏ shouldComponentUpdate
- ❏ componentDidMount

12 Which of the following is correct syntax for a button click event handler, foo?
- ❏ <button onclick={this.foo()}>
- ❏ <button onclick={this.foo}>
- ❏ <button onClick={this.foo()}>
- ❏ <button onClick={this.foo}>

13 What happens when you call setState() inside render() method?
- ❏ Stack overflow error
- ❏ Duplicate key error
- ❏ Repetitive output appears on the screen
- ❏ Nothing happens

14 What happens when the following render() method executes?

```
render(){
  let langs = ["Ruby","ES6","Scala"]
    return (<div>
      {langs.map(it => <p>{it}</p>)}
    </div>)
}
```

❏ Displays the list of languages in the array
❏ Error. Cannot use direct JavaScript code in JSX
❏ Displays nothing
❏ Error. Should be replaced with a for..loop for correct output

15 What is the Virtual DOM ?
❏ A DOM virtualized in a container
❏ A way to optimize DOM updates
❏ A DOM managed in the cloud
❏ A way to allow inheritance in the DOM