

# ReactJS Post Training Test

Date: \_\_\_\_\_

Employee Name: \_\_\_\_\_

Employee ID: \_\_\_\_\_

**Note:** *Please do not forget to mention your name and your employee ID.*

- Q 1 ReactJS is an MVC framework:
- a) True
  - b) False
- Q. 2 In an MVC application, where will ReactJS fit in?
- a) Model (M)
  - b) View (V)
  - c) Controller (C)
  - d) None of the above
- Q. 3 Which types of components do we build in ReactJS?
- a) Functional Components
  - b) Class-based Components
  - c) Both a and b
  - d) None of a and b
- Q. 4 Which types of components can we build in ReactJS which do not maintain state?
- a) Functional Components
  - b) Class-based Components
  - c) Both a and b
  - d) None of a and b
- Q. 5 Which types of components can we build in ReactJS which maintains state?
- a) Functional Components
  - b) Class-based Components
  - c) Both a and b
  - d) None of a and b
- Q. 6 Which of the following is absolutely necessary in a ReactJS component?
- a) `getInitialState()`
  - b) `render()`
  - c) `renderComponent()`
  - d) `setState()`
- Q. 7 Which of the following force a ReactJS component to render / re-render itself?
- a) props
  - b) state
  - c) event
  - d) None of the above
- Q. 8 Let's say you have a component which has a state variable ***count*** and it has been

initialized to **0** (zero). In another part of the code you change the state using code something like ***this.state.count = 25***. Will your component re-render due to this change of state?

- a) Yes
- b) No

Q. 9 A ReactJS component can be composed of one or more child components.

- a) True
- b) False

Q. 10 For dynamic UI update of a component, which of the following must change?

- a) state
- b) props
- c) events
- d) None of the above

Q. 11 JSX is ES6 compliant:

- a) True
- b) False

Q. 12 While building a ReactJS application, can we use plain old vanilla JavaScript (i.e. ES5) in place of JSX and / or ES6?

- a) Yes
- b) No

Q. 13 Which of the following is used to pass data from parent component to child components?

- a) state
- b) props
- c) callbacks
- d) None of the above

Q. 14 Life cycle methods of a components fall under which of the following categories?

- a) Mounting, Unmounting
- b) Mounting, Updating
- c) Mounting, Updating, Unmounting
- d) None of the above

Q. 15 Which of the following methods mutates the state of a component?

- a) forceUpdate
- b) setState
- c) Both a and b
- d) None of a and b

Q. 16 If you provide an ***input*** in your code like so, **`<input value={this.state.count} />`** then this would be a:

- a) Controlled Component
- b) Uncontrolled Component
- c) None of the above

- Q. 17 A component can mutate its properties as and when required
- a) True
  - b) False
- Q. 18 In an ES6 fat-arrow function, the value of *this* would be that of:
- a) The fat-arrow function itself
  - b) *this* of the surrounding context
  - c) None of the above
- Q. 19 To use native JavaScript as an attribute value, the expression should be wrapped within
- a) Curly-braces{ }
  - b) Double-quotes
  - c) Single-quotes
  - d) Back-ticks
- Q. 20 ReactJS's own data-flow engine is known as
- a) Redux
  - b) Flux
  - c) Reflux
  - d) None of the above