Quiz # 5
Date: 28-11-2019
Web Programming (CS 406)

Duration: 15 minutes   **Total**: 20
Answer all questions.

1. JSX is type safe.

- True
- False

2. React merges the object you provide into the current state using _____.

- setState()
- state()
- both of above

3. Arbitrary inputs of components are called _____.

- keys
- props
- elements
- ref

4. Which of the following needs to be updated to achieve dynamic UI updates?

- state
- props
- componentDidMount()

5. Lifecycle methods are mainly used _____.

- to keep track of event history
- to enhance components
- free up resources
- none of the above

6. State can be initialized when code is loaded, or state can be set on event changes.

- False
- True

7. In JSX most of the errors can be caught during _____.

- Interpretation
- Execution
- Compilation
- Build

8. Components cannot refer to other components in their output.

- True
- False

9. JSX is faster because it performs _____ while compiling code to JavaScript

- modification
- compression
- optimization
- encryption

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

- 8080
- 3300
- 80
- 3000

11. React considers everything as _____.

- user interface
- elements
- components
- objects

12. React is mainly for building _____.

- database
- connectivity
- user interface
- design platform

13. React supports all the syntax of _____.

- ES6
- redux
- none of options
- native Java

14. In React state can be accessed using _____.

- current
- state
- current()
- state()

15. Invoked once, only on the client, after rendering occurs.

- componentWillUnmount
- shouldComponentUpdate
- componentWillMount
- componentDidMount

16. ReactJS uses _____ to increase performance

- orignal DOM
- componentWillMount
- virtual DOM

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

- 0
- 1
- 2
- infinite

18. props in react can_____

- be changed inside the component
- be changed inside other component
- not be changed in the component
- none of above

19. componentDidMount lifecycle method is called when____

- component is updated
- component is created for the first time
- both of above
- none of above

20. As soon as the state of react component is changed, component will

- re-renders the component
- Does nothing, you have to call render method to render the component again
- be created again from scratch
- none of above