

ORIGINIAL QUESTIONS

Question 10

Which of the following statements are True about functional components in React?

- I. Functional components cannot have states within it
- II. Functional components must have a render() method
- III. Functional components can return more than one JSX elements
- IV. To access props in a functional component, we need to pass props as a parameter to the function
- V. We can use JavaScript Arrow functions to write functional components

☒ I, IV, V

☐ I, II, III

☐ IV, V

☐ I, V

Reset

Save

Question 9

Consider the below code snippet:

```
const App = () => { const [name, setName] = useState("Micky");  
  useEffect(() => { console.log("Line 1"); }, []);  
  useEffect(() => { console.log("Line 2"); }, [1]);  
  useEffect(() => { console.log("Line 3"); }, [name]);  
  const setNameState = () => { console.log("Line 4"); setName("Jill"); };  
  return ( <div> <h1>This is the state {name}</h1>  
    <button onClick={setNameState}>Change Name</button> </div> );
```

What will be the output logged on the console after clicking on button for the first time?

- ☐ Line 4, Line 1, Line 3
- ☒ Line 4, Line 3, Line 3
- ☐ Line 1, Line 3, Line 4
- ☐ Line 1, Line 2, Line 4

Reset

Save

03 : 01 : 55

Hours Minutes Seconds

RECAPTURE QUESTIONS

React Advanced

Question 8

Predict the output of console statement and div element after button is clicked.

```
function Counter() {  
  const [val, setVal] = useState(0);  
  return <div>  
    <div>{val}</div>  
    <button onClick={() => {  
      val = val + 1;  
    }}>Increment</button> </div>  
  }  
}
```

- ☐ console:1 div:1
- ☐ console:0 div:0
- ☒ console: Uncaught TypeError: Assignment to constant variable. div:0
- ☐ console:0 div:1

Reset

Save

03 : 04 : 36

Hours Minute Seconds

OBJECTIVE QUESTIONS

Question 7

What will be printed in UI, when the user types "a" in the input field Note: Consider all imports are done.

```
function Form() {  
  const [name, setName] = useState("");  
  const [nameerror, setNameerror] = useState("");  
  const handleChange = (e) => {  
    setName(e.target.value)  
    if (e.target.value === "") {  
      setNameerror("field Empty");  
    } else {  
      setNameerror("field came")  
    }  
  }  
  return (<form>  
    <input type="text" value={name} name="name" onChange={handleChange} />  
    <div>{nameerror}</div> </form>(</>  
  )  
}
```

- ☒ "field came" will be printed in the UI
- ☐ "field Empty" will be printed in the UI

03 : 06 : 42

Hours Minutes Seconds

OBJECTIVE QUESTIONS

Question 6

Consider the below code

Line No. 1 function AppComp(props) {

Line No. 2 return <h1>Hello </h1>;

Line No. 3 }Line No. 4 export AppComp;

When name is passed as props to the above AppComp, how to access name in Line No. 2?

☐ (this.props.name)

☐ {props}

☐ {name}

☒ {props.name}

Reset

Save

03 : 09 : 37

Hours Minutes Seconds

OBJECTIVE QUESTIONS

React Advanced

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

Question 5

Which of the following statement is false with respect to Redux

- ☒ mapStateToProps helps in transforming the current state present in the redux store as props
- ☐ mapDispatchToProps is used by presentational components to dispatch actions.
- ☐ useSelector hook is equivalent to mapStateToProps
- ☐ useDispatch hook is equivalent to mapDispatchToProps

Reset

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03 : 16 : 18

Hours Minutes Seconds

Reference

Sign Out

OBJECTIVE QUESTIONS

React Advanced



Question 3

In order to have an uncontrolled component and get the value from the input field

- I. Attach an onChange handler with the change event
- II. Provide 'id' to the input field
- III. Set the value of the input field with the respective input field state
- IV. Have a ref prop for the input field

☒ I & IV

☐ I & II

☐ II & III

☐ I & III

Reset

Save

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03 : 19 : 16

Hours Minutes Seconds

OBJECTIVE QUESTIONS

React Advanced

1

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Question 2

Mr. Jill has created two React components named Sample and Test in his application. He wants to render the Test component within the Sample component, but only if the value of isValid variable is true. Which of the following is the correct syntax?

a.

```
function Sample() {  
  var isValid = true  
  return (<div>{isValid} && <Test/>)</div>  
}
```

b.

```
function Sample() {  
  var isValid = true  
  return(<div>{isValid} & <Test/> : null)</div>  
}
```

c.

```
function Sample() {  
  var isValid = true  
  if(isValid) {  
    return <Test/>  
  }  
  else {  
    return null  
  }  
}
```



03 : 12 : 34

Hours : Minutes : Seconds



OBJECTIVE QUESTIONS

React Advanced

1 2 3
4 5 6
7 8 9
10

Question 4

Consider the below given code:

```
<BrowserRouter>
  <Routes>
    <Route path="/course" element={ <Course /> } />
    <Route path="/course/:course_name/" element={ <IndividualCourse /> } />
    <Route path="/course/:course_name/:course_id" element={ <CourseDetails /> } />
  </Routes>
</BrowserRouter>
```

In case the path is "/course/react/123", which component(s) will be rendered?

- ☐ IndividualCourse
- ☒ CourseDetails
- ☐ Course and CourseDetails
- ☐ Course, IndividualCourse and CourseDetails

Reset

Save



03 : 20 : 41

Hours : Minutes : Seconds



OBJECTIVE QUESTIONS

React Advanced

1

2

3

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Question 1

Which of the below component helps in rendering child route?

☐ router-outlets

☐ Outlets

☐ react-outlets

☒ <Routes>

ROUTES

Reset

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