

1. What is react?

React is an open source user interface created by Facebook that is used to make an interactive webpage.

2. What do you understand by react component and what command do you use to create a react component with or without a property?

A component is a block of code that can be reused multiple times. It comes in 2 types – Function components and Class components. A function component is just a normal js function whereas class component requires you to create a render function that returns an element. Props are passed into components through HTML attributes.

```
Function name(props)
{
  Return ();
}
```

3. <MyReact/>

4. <MyReact heading= "this is my first element" />

5. Answer questions about block of code

- a. AppColor
- b. 3

6. export default:

GreetingElementwithPop

7. Add two numbers function

```
8. import './App.css'
9.
10. function Lab(props)
11. {
12.   function Addition()
13.   {
14.     const addition = Number(props.n1) + Number(props.n2)
15.     alert(props.n1 + " + " + props.n2 + " = " + addition)
16.   }
17.
18.   return (
19.     <div>
20.       <h2>Add 2 Numbers function</h2>
```

```
21.     <p>{props.n1} + {props.n2} = <button onClick={Addition}>Calculate</button></p>
22.
23.     </div>
24.   );
25. }
26.
27. export default Lab
```