1.

Question 1

Let’s suppose you have the below JSX that gets returned from a component, what would be the equivalent object representation (Element) that React will create internally?

{

type: "button",

props: {

className: "button-primary",

children: {

type: "div",

props: {

children: "Submit",

}

},

},

}

2.

Question 2

What is the concept of component specialization?

A component defined as a special case of another more generic component.

3.

Question 3

You would like to clone a React element by using the React.cloneElement API, where the particular element has the below structure:

const buttonElement = {

type: SubmitButton,

props: {

color: "green",

children: "Submit!",

},

};

What would be the value of the variable output when using the API with the following parameters?

const output = React.cloneElement(buttonElement, {disabled: true, color: “blue” });

{

type: SubmitButton,

props: {

color: "blue",

children: "Submit!",

disabled: true,

},

};

4.

Question 4

Imagine you are using the spread operator in the below component as follows:

const props = { title: "tiramisu", cal: 400 };

const element = <Component title="cake" {...props} cal={500} />;

What would be the value of element.props?

{ title: "tiramisu", cal: 500 }

5.

Question 5

Amongst the below expressions, select all that will not render anything on the screen when being used in JSX.

<div>{null}</div>

<div>{undefined}</div>

<div>{false}</div>