QUIZ

Started on	Wednesday, 27 December 2023, 9:18 PM
State	Finished
Completed on	Wednesday, 27 December 2023, 9:21 PM
Time taken	3 mins 31 secs
Marks	4.00/22.00
Grade	**7.27** out of 40.00 (**18.18**%)

Question **1**
Incorrect
Mark 0.00 out of 1.00

What is the main difference between the PUT and PATCH methods in HTTP?

- a.   PUT can only be used with a request body, while PATCH can be used with or without a request body ✖
- b.   PUT is used for creation, while PATCH is used for updates
- c.   PUT is idempotent, while PATCH is not
- d.   PUT replaces the entire resource, while PATCH modifies only a portion of it

The correct answer is:
PUT is idempotent, while PATCH is not

Question **2**
Incorrect
Mark 0.00 out of 1.00

What HTTP methods are considered to be safe methods?

- a.   OPTIONS and TRACE ✖
- b.   POST and PUT
- c.   DELETE and PATCH
- d.   GET and HEAD

The correct answer is:
GET and HEAD

Question 3

Incorrect

Mark 0.00 out of 1.00

What HTTP status code indicates that the server is unable to fulfill the request because it is dependent on another resource that has failed?

- a.   504 Gateway Timeout ✖
- b.   510 Not Extended
- c.   502 Bad Gateway
- d.   503 Service Unavailable

The correct answer is:
502 Bad Gateway

Question 4

Correct

Mark 1.00 out of 1.00

What is the default value of the "cellspacing" attribute in a HTML table?

- a.   3
- b.   0 ✔
- c.   1
- d.   2

The correct answer is:
0

Question 5

Incorrect

Mark 0.00 out of 1.00

What is the correct syntax to specify multiple CSS classes to be applied to an HTML element?

- a.   <element class="class1 + class2">
- b.   <element class="class1, class2"> ✖
- c.   <element class="class1 class2">
- d.   <element class1="class1" class2="class2">

The correct answer is:
<element class="class1 class2">

Question 6

Incorrect

Mark 0.00 out of 1.00

What is the CSS code to set the width of an element with class "box" to 50% and height to 300 pixels, and center it vertically and horizontally?

- a.   .box {width: 50%; height: 300px; align: center; valign: center;} ✖
- b.   .box {width: 300px; height: 50%; margin: 0 auto;}
- c.   .box {width: 50%; height: 300px; margin: auto; position: absolute; top: 0; left: 0; right: 0; bottom: 0;}
- d.   .box {width: 300px; height: 50%; text-align: center;}

The correct answer is:
.box {width: 50%; height: 300px; margin: auto; position: absolute; top: 0; left: 0; right: 0; bottom: 0;}

Question 7

Correct

Mark 1.00 out of 1.00

What is the CSS code to set the background image of an element with id "header" to "header-bg.jpg", repeat it both vertically and horizontally, and set the background color to lightgray as a fallback?

- a.   #header {background: url("header-bg.jpg") repeat; background-color: lightgray;} ✔
- b.   #header {background-image: url("header-bg.jpg"); background-repeat: repeat-x repeat-y; fallback-color: lightgray;}
- c.   #header {background-image: url("header-bg.jpg") repeat both; color: lightgray;}
- d.   #header {bg-image: url("header-bg.jpg") repeat-x repeat-y; bg-color: lightgray;}

The correct answer is:
#header {background: url("header-bg.jpg") repeat; background-color: lightgray;}

Question 8

Incorrect

Mark 0.00 out of 1.00

How do you set the scrolling behaviour of an <iframe> tag?

- a.   <iframe src="url" flow="scroll"></iframe> ✖
- b.   <iframe src="url" style="overflow:scroll;"></iframe>
- c.   <iframe src="url" move="auto"></iframe>
- d.   <iframe src="url" navigation="scroll"></iframe>

The correct answer is:
<iframe src="url" style="overflow:scroll;"></iframe>

Question 9

Incorrect

Mark 0.00 out of 1.00

What will be the output ?
<button id="myButton">Click Me</button>

<script>
$("#myButton").click(function(){
  $("#myButton").text("Hello World");
});
</script>

- a.   Error ✖
- b.   None of the above
- c.   "Click Me"
- d.   "Hello World"

The correct answer is:
"Hello World"

Question 10

Incorrect

Mark 0.00 out of 1.00

What will be the output ?
<div id="example">Hello World</div>

<script>
$(document).ready(function(){
  $("#example").text(function(i, origText){
    return "Old text: " + origText + " New text: Hello jQuery";
  });
});
</script>

- a.   Error ✖
- b.   Hello World
- c.   None of the above
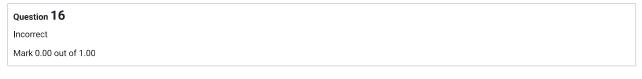- d.   Old text: Hello World New text: Hello jQuery

The correct answer is:
Old text: Hello World New text: Hello jQuery

Question 11

Incorrect

Mark 0.00 out of 1.00

What will be the output ?
```
<div class="container">
  <p>Hello World</p>
  <p>Goodbye World</p>
</div>
<script>
  console.log($("div p").slice(1,2).text());
</script>
```

○ a.   undefined ✖

○ b.   Goodbye World

○ c.   World

○ d.   Hello World

The correct answer is:
Goodbye World

Question 12

Incorrect

Mark 0.00 out of 1.00

What is the difference between .detach() and .remove() methods in jQuery?

○ a.   .detach() does not keep the data and events of the removed element, whereas .remove() does.

○ b.   Both methods are the same. ✖

○ c.   .detach() keeps the data and events of the removed element, whereas .remove() does not.

○ d.   .detach() is used to remove elements from the DOM, whereas .remove() is used to remove data from elements.

The correct answer is:
.detach() keeps the data and events of the removed element, whereas .remove() does not.

Question 13

Incorrect

Mark 0.00 out of 1.00

Can multiple animation effects be combined in a single call to the animate() method in jQuery?

○ a. Yes, but only if the effects are of the same type ✖

○ b. Yes, multiple effects can be combined

○ c. No, only one effect can be specified per call to animate()

○ d. No, multiple effects require multiple calls to animate()

The correct answer is:
Yes, multiple effects can be combined

Question 14

Incorrect

Mark 0.00 out of 1.00

What is the correct way to listen for incoming requests on a specified port for the HTTP server in Node.js?

○ a. server.listen(3000); ✖

○ b. server.listen();

○ c. server.listen(3000, function() {});

○ d. server.listen(function() {});

The correct answer is:
server.listen(3000, function() {});

Question 15

Incorrect

Mark 0.00 out of 1.00

What is the correct way to create an HTTP server in Node.js using the HTTP module?

○ a. var server = new http.Server(); ✖

○ b. var server = http.Server();

○ c. http.createServer();

○ d. var server = http.createServer(function (request, response) {});

The correct answer is:
var server = http.createServer(function (request, response) {});

Question 16

Incorrect

Mark 0.00 out of 1.00

What is the correct way to write to a file asynchronously in Node.js?

- ⦿ a.   fs.writeSync('file.txt', data) ✖
- ◯ b.   fs.writeFile('file.txt', data, sync = true)
- ◯ c.   fs.writeFileSync('file.txt', data)
- ◯ d.   fs.write('file.txt', data, async = true)

The correct answer is:
fs.writeFileSync('file.txt', data)

Question 17

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code ?

File: employee.js
exports.name = 'John Doe';
exports.age = 30;
exports.designation = 'Manager';
exports.getDetails = function() {
return Name: ${this.name}, Age: ${this.age}, Designation: ${this.designation};
};

Code:
var employee = require('./employee');
console.log(employee.getDetails.bind({name: 'Jane Doe', age: 28})().designation);

- ⦿ a.   Error ✖
- ◯ b.   Undefined
- ◯ c.   Jane Doe
- ◯ d.   Manager

The correct answer is:
Undefined

Question 18

Incorrect

Mark 0.00 out of 1.00

How can you define a route in an ExpressJS application?

- ○ a. Using the router.post() method. ✗
- ○ b. Using the app.get() method.
- ○ c. Using the req.delete() method.
- ○ d. Using the server.put() method.

The correct answer is:
Using the app.get() method.

Question 19

Incorrect

Mark 0.00 out of 1.00

Which of the following is true about Props, State, and Context in React components?

- ○ a. Props are used to pass data from parent to child component, State is used to pass data through the component ✗
  tree without having to pass props down manually at every level, and Context is used to store component-specific
  data.
- ○ b. Props are used to pass data from parent to child component, State is used to store component-specific data, and
  Context is used to pass data through the component tree without having to pass props down manually at every level.
- ○ c. Props are used to store component-specific data, State is used to pass data from parent to child component, and
  Context is used to pass data through the component tree without having to pass props down manually at every level.
- ○ d. Props are used to pass data through the component tree without having to pass props down manually at every level,
  State is used to store component-specific data, and Context is used to pass data from parent to child component.

The correct answer is:
Props are used to pass data from parent to child component, State is used to store component-specific data, and Context is
used to pass data through the component tree without having to pass props down manually at every level.

Question 20

Incorrect

Mark 0.00 out of 1.00

In a React component, which of the following is the recommended way to update state based on the previous state?

- ○ a. this.setState(this.state = {...}); ✗
- ○ b. this.state = {...};
- ○ c. this.setState(previousState => {...});
- ○ d. this.setState({...});

The correct answer is:
this.setState(previousState => {...});

Question 21

Correct

Mark 1.00 out of 1.00

What is the main difference between a function component and a class component in React?

- ○ a.   Function components are stateless while class components can have state. ✔
- ○ b.   Function components can handle user-defined props while class components cannot.
- ○ c.   Class components can handle lifecycle methods while function components cannot.
- ○ d.   Class components must always render a component while function components have the option to return null.

The correct answer is:
Function components are stateless while class components can have state.

Question 22

Correct

Mark 1.00 out of 1.00

What will be logged to the console in the following code?

```
class MyParentComponent extends React.Component {
constructor(props) {
  super(props);
  this.state = { message: 'Hello World' };
}

handleClick() {
  this.setState({ message: 'Goodbye World' });
}

render() {
  return (
    <MyChildComponent message={this.state.message} onClick={() => this.handleClick()} />
  )
}
}

function MyChildComponent (props) {
console.log(props);
return (
  <div>
    <div>{props.message}</div>
    <button onClick={props.onClick}>Change Message</button>
  </div>
)
}
```

- ○ a.   { message: 'Hello World', onClick: [Function] } ✔
- ○ b.   { message: 'Hello World' }
- ○ c.   { onClick: [Function] }
- ○ d.   { message: 'Goodbye World', onClick: [Function] }

The correct answer is:
{ message: 'Hello World', onClick: [Function] }