

1. In the client/server model, is the web browser a client or a server?

1 / 1 point

- ☒ Client  
☐ Server

✓ Correct

Well done. In the client/server model, the web browser is a client.

2. In the web browser, what is the role of JavaScript?

1 / 1 point

- ☐ To describe the content of the web page  
☒ To provide interactivity and data processing  
☐ To describe the visual look and layout

✓ Correct

Well done. JavaScript allows developers to process user interaction and data.

3. Which of the following issues does UDP solve? Select all that apply.

1 / 1 point

- ☐ Out of order data  
☒ Corrupted data

✓ Correct

Well done. UDP prevents data corruption but data can still arrive out of order or not arrive at all.

- ☐ Lost data

4. True or False. Little Lemon will display in the web browser's main window.

1 / 1 point

```
1
2 <!DOCTYPE html>
3 <html>
4 <head>
5 |   <title>Little Lemon</title>
6 </head>
7 <body>
8 |   <p>Our Menu</p>
9 </body>
10 </html>
11
```

- ☐ True  
☒ False

✓ Correct

Well done. The content inside the body element displays on the web page.

5. Which of the following image elements is correct?

1 / 1 point

```
1
2 <image src="dog.png">
3 <img href="cat.png">
4 
5
```

- ☐ <image src="dog.png">
- ☐ <img href="cat.png">
- ☒ 

✓ Correct

Well done. The image element is defined using the img tag and src attribute.

6. What type of selector is used for the following CSS rule?

1 / 1 point

```
1
2 .header {
3   width: 50%;
4 }
5
```

- ☐ ID selector
- ☐ Element selector
- ☒ Class selector

✓ Correct

Well done. The class selector is prefixed with a . character.

7. What is the padding-box width for the following CSS rule?

1 / 1 point

```
1
2 div {
3   width: 10px;
4   padding: 5px;
5   margin-left: 10px;
6   margin-right: 10px;
7 }
8
```

- ☐ 10 pixels
- ☐ 15 pixels
- ☒ 20 pixels
- ☐ 40 pixels

✓ Correct

Well done. The padding-box width is the content width + padding width.

8. A responsive web page adapts its layout to provide the best user experience based on a user's device. The point at which it adapts is known as the \_\_\_\_\_.

1 / 1 point

- ☐ Design Point
- ☒ Breakpoint
- ☐ Box Point

✓ **Correct**

Well done. The responsive breakpoint is the point at which the web page will adapt its layout to provide the best user experience.

9. In the following HTML, the *btn-primary* CSS class is applied to the button element. What is this CSS class known as in Bootstrap?

1 / 1 point

```
1
2 <button class="btn btn-primary">Submit</button>
3
```

- ☐ Infix
- ☒ Modifier
- ☐ Component

✓ **Correct**

Well done. Modifiers adjust the style of Bootstrap components.

10. React stores a representation of the browser DOM in memory. What is this representation called?

1 / 1 point

- ☒ The Virtual DOM
- ☐ The Memory DOM
- ☐ The Copy DOM

✓ **Correct**

Well done. The virtual DOM is used to represent the browser DOM in memory.