RESTful APIs Questions and Answers

1. ***What does REST stand for? A. Representational State Transfer.***
2. ***REST relies on a statelessness, client-server protocol, which is almost always \_\_\_\_\_\_? A. HTTP.***
3. ***What does API stand for? A. Application program interface.***
4. ***The Web is based off what three technologies? A. URL, HTTP, HTML.***
5. ***The goal of \_\_\_\_\_\_\_\_ is to improve server scalability by eliminating any need for the server to maintain an awareness of the client state beyond the current request. A. Statelessness.***
6. ***Which HTTP verb (command) updates a specified resource? A. PUT.***
7. ***Which of the following are considered an advantage of RESTful APIs? A. All of the above. ( Flexibility. Statelessness. High-performance. )***
8. ***Which of the following are considered a disadvantage of RESTful APIs? A. All of the above. ( Challenges with passing test runs. Costly programming procedures. Complex functionality structures. )***
9. ***Every URI is a URL? A. False.***
10. ***If the URL is valid, the \_\_\_\_ request will output the content of the website. A. GET.***

JavaScript Questions and Answers

***1. Why use the JavaScript language? A. It is a widely-used programming language of the Web and is used to specify the behavior of a page.***

***2. Client-side JavaScript programmers like to use client-side libraries such as \_\_\_\_\_\_\_\_\_ to simplify their work tasks. A. jQuery.***

***3. Which style is not a correct way to apply text comments to JavaScript code? A. \*/***

***4. Functions are considered which type of JavaScript object? A. Native object.***

***5. How does JavaScript enhance user experience in Web browsers? A. By creating animations and other visual effects through sorting, hiding, and revealing details as user interacts with page content.***

***6. What element tags are used to input JavaScript into an HTML file? A. <script> and </script>.***

***7. What is the proper JavaScript function syntax? A. function helloWorld() {}.***

***8. What is the for loop syntax? A.* for(var x = 0; x < a.length; x++)**

***9. The \_\_\_\_\_\_ means that* every time the loop has run the statements in the {}, one is added to the x (counter)*? A.* x++**

***10. What is the combination of scriptable content, presentation, and behavior called? A. Dynamic HTML or DHTML.***

HTML & CSS

1. ***What is the combination of scriptable content, presentation, and behavior called? A. Dynamic HTML or DHTML.***
2. ***What are some elements that make up the HTML5 layout? A. Nav, section, article, aside.***
3. ***HTML links are created using the \_\_\_\_\_\_\_ element. A. <a>***
4. ***Which HTML element exists within another list element? A. The list element. <li>***
5. ***Where can you place images in your HTML code? A. All of the above. (Before a paragraph, Inside the start of a paragraph, In the middle of a paragraph).***
6. ***What does CSS stand for and what is it used for? Cascading Style Sheets; Specifying the presentation of a page.***
7. ***What are three ways to specify color in CSS? A. RGB, Hex, and color name.***
8. ***What properties can be used to specify background values? A. All of the above. (background-color, background-image, background-position)***
9. ***Why are tables important? A. Tables represent information in a grid format, such as, financial reports, TV schedules, and sports results.***
10. ***Every box has three available properties. In order from outermost to inner, what is the order of appearance? A. Margin, border, padding.***