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**1. Which of the following is true about setTimeOut()?**

**Answers:**

• The statement(s) it executes run(s) only once.

• It pauses the script in which it is called.

• clearTimeOut() won't stop its execution.

• The delay is measured in hundredths of a second.

• It is required in every JavaScript function.

**2. How can the operating system of the client machine be detected?**

**Answers:**

• It is not possible using JavaScript.

• Using the navigator object

• Using the window object

• Using the document object

• None of these.

**3. Which of the following prints "AbBc"?**

**Answers:**

• var b = 'a'; var result = b.toUpperCase() + 'b' + 'b'.toUpperCase() +'C'['toLowerCase'](); alert(result);

• var b = 'a'; var result = b.toUpperCase() + 'b' + 'b'.toUpperCase() +'c'['toUpperCase'](); alert(result);

• var b = 'a'; var result = b.toUpperCase() + b + 'b'.toUpperCase() +'C'['toLowerCase'](); alert(result);

• var b = 'a'; var result = b.toUpperCase() + 'b' + 'b'.toUpperCase() +C; alert(result);

**4. Which of the following descriptions is true for the code below?**

**var object0 = {};**

**Object.defineProperty(object0, "prop0", { value : 1, enumerable:false, configurable : true });**

**Object.defineProperty(object0, "prop1", { value : 2, enumerable:true, configurable : false });**

**Object.defineProperty(object0, "prop2", { value : 3 });**

**object0.prop3 = 4;**

**Answers:**

• Object 'object0' contains 4 properties. Property 'prop2' and property 'prop3' are available in the for...in loop. Property 'prop0' and property 'prop1' are available to delete.

• Object 'object0' contains 4 properties. Property 'prop1' and property 'prop2' are available in the for...in loop. Property 'prop2' and property 'prop3' are available to delete.

• Object 'object0' contains 4 properties. Property 'prop0' and property 'prop2' are available in the for...in loop. Property 'prop0' and property 'prop2' are available to delete.

• Object 'object0' contains 4 properties. Property 'prop1' and property 'prop3' are available in the for...in loop. Property 'prop0' and property 'prop3' are available to delete.

**5. Performance-wise, which is the fastest way of repeating a string in JavaScript?**

**Answers:**

• String.prototype.repeat = function( num ) { return new Array( num + 1 ).join( this ); }

• function repeat(pattern, count) { if (count < 1) return ''; var result = ''; while (count > 0) { if (count & 1) result += pattern; count >>= 1, pattern += pattern; } return result; }

• String.prototype.repeat = function(count) { if (count < 1) return ''; var result = '', pattern = this.valueOf(); while (count > 0) { if (count & 1) result += pattern; count >>= 1, pattern += pattern; } return result; };

• String.prototype.repeat = function (n, d) { return --n ? this + (d || '') + this.repeat(n, d) : '' + this };

**6. Consider the following variable declarations:**

**var a="adam"**

**var b="eve"**

**Which of the following would return the sentence "adam and eve"?**

**Answers:**

• a.concatinate("and", b)

• a.concat("and", b)

• a.concatinate(" and ", b)

• a.concat(" and ", b)

**7. Which of the following code snippets will correctly split "str"?**

**Answers:**

• <script> var str = 'something -- something\_else'; var substrn = str.split(' -- '); </script>

• <script> var str = 'something -- something\_else'; var substrn = split.str(' --- '); </script>

• <script> var str = 'something -- something\_else'; var substrn = str.split(' - ',' - '); </script>

• <script> var str = 'something -- something\_else'; var substrn = split.str(' - ',' - '); </script>

**8. Which object can be used to ascertain the protocol of the current URL?**

**Answers:**

• document

• window

• history

• browser

• form

• location

9. Which **of the following best describes a "for" loop?**

**Answers:**

• "for" loop consists of six optional expressions, enclosed in parentheses and separated by semicolons, followed by a statement executed in the loop.

• "for" loop consists of five optional expressions, enclosed in parentheses and separated by semicolons, followed by a statement executed in the loop.

• "for" loop consists of four optional expressions, enclosed in parentheses and separated by semicolons, followed by a statement executed in the loop.

• "for" loop consists of three optional expressions, enclosed in parentheses and separated by semicolons, followed by a statement executed in the loop.

10. Which of the following descriptions best describes the code below?

<script>

var variable1 = { fastFood: "spaghetti", length: 10 };

Object.freeze(variable1);

variable1.price = 50;

delete variable1.length;

</script>

**Answers:**

• Object is frozen, a property named "price" is added in the variable1 object, a property named "length" is deleted from this object. At the end of the code, the object "variable1" contains 2 properties.

• Object is frozen, a property named "price" is not added in the variable1 object, a property named "length" is deleted from this object. At the end of the code, object "variable1" contains 1 properties.

• Object is frozen, a property named "price" is added in the variable1 object, a property named "length" is not deleted from this object. At the end of the code, object "variable1" contains 1 properties.

• Object is frozen, a property named "price" is not added in the variable1 object, a property named "length" is not deleted from this object. At the end of the code, object "variable1" contains 2 properties.

11. Which of the following is not a valid HTML event?

Answers:

• ondblclick

• onmousemove

• onclick

• onblink

12. Analyze the following code snippet which uses a Javascript Regular Expression character set. What will be the output of this code?

<html>

<body>

<script type="text/javascript">

var str = "Is this enough?";

var patt1 = new RegExp("[^A-J]");

var result = str.match(patt1);

document.write(result);

</script>

</body>

</html

Answers:

• I

• Is

• s

• I,s,

13. Consider the following image definition:

<img id="logo" src="companylogo1.gif" height="12" width="12" >

Which of the following will change the image to companylogo2.gif when the page loads?

Answers:

• logo.source="companylogo2.gif"

• logo.source="companylogo1.gif"

• document.getElementById('logo').src="companylogo1.gif"

• document.getElementById('logo').src="companylogo2.gif"

14. What is the final value of the variable bar in the following code?

var foo = 9;

bar = 5;

(function() {

var foo = 2;

bar= 1;

}())

bar = bar + foo;

Answers:

• 10

• 14

• 3

• 7

15. Which of the following are JavaScript unit testing tools?

Answers:

• Buster.js, jQuery, YUI Yeti

• QUnit, Modernizr, JsTestDriver

• Node.js, Modernizr, Jasmine

• Buster.js, YUI Yeti, Jasmine

16. Which of the following can be used for disabling the right click event in Internet Explorer?

Answers:

• event.button == 2

• event.button == 4

• event.click == 2

• event.click == 4

17. An image tag is defined as follows:

<img id="ERImage" width="100" height="100" onmouseover="ImageChange()" src="Image1.jpg">

The purpose of the ImageChange() function is to change the image source to Image2.jpg. Which of the following should the ImageChange() function look like?

Answers:

• document.getElementById('ERImage').src="Image1.jpg"

• document.getElementById('ERImage').src="Image2.jpg"

• document.getElementById('ERImage').style.src="Image1.jpg"

• document.getElementById('ERImage').style.src="Image2.jpg"

18. Consider the following JavaScript alert:

<script type="text/JavaScript">

function message() {

alert("Welcome to ExpertRating!!!")

}

</script>

Which of the following will run the function when a user opens the page?

Answers:

• body onload="message()"

• body onunload="message()"

• body onsubmit="message()"

• body onreset="message()"

19. Which of the following code snippets will correctly get the length of an object?

Answers:

• <script> var newObj = new Object(); newObj["firstname"] = "FirstName"; newObj["lastname"] = "LastName"; newObj["age"] = 21; Object.size = function(obj) { var size = 0, key; for (key in obj) { if (obj.hasOwnProperty(index)) size++; } return size; }; var size = Object.size(newObj); </script>

• <script> var newObj = new Object(); newObj["firstname"] = "FirstName"; newObj["lastname"] = "LastName"; newObj["age"] = 21; Object.size = function(obj) { var size = 0, key; for (key in obj) { if (obj.hasOwnProperty(value)) size++; } return size; }; var size = Object.size(newObj); </script>

• <script> var newObj = new Object(); newObj["firstname"] = "FirstName"; newObj["lastname"] = "LastName"; newObj["age"] = 21; Object.size = function(obj) { var size = 0, key; for (key in obj) { if (obj.hasOwnProperty(length)) size++; } return size; }; var size = Object.size(newObj); </script>

• <script> var newObj = new Object(); newObj["firstname"] = "FirstName"; newObj["lastname"] = "LastName"; newObj["age"] = 21; Object.size = function(obj) { var size = 0, key; for (key in obj) { if (obj.hasOwnProperty(key)) size++; } return size; }; var size = Object.size(newObj); </script>

20. Which of the following Array methods in JavaScript runs a function on every item in the Array and collects the result from previous calls, but in reverse?

Answers:

• reduce()

• reduceRight()

• reverse()

• pop()

21. In an HTML page, the form tag is defined as follows:

<form onsubmit="return Validate()" action="http://www.mysite.com/">

The validate() function is intended to prevent the form from being submitted if the name field in the form is empty. What should the validate() function look like?

Answers:

• <script type="text/javascript"> function Validate() { if(document.forms[0].name.value == "") return true; else return false; } </script>

• <script type="text/javascript"> function Validate() { if(document.forms[0].name.value == "") return false; else return true; } </script>

• script type="text/javascript"> function Validate() { if(document.forms[0].name== "") return false; else return true; } </script>

• <script type="text/javascript"> function Validate() { if(document.forms[0].name == "") return true; else return false; } </script>

22. Which of the following code snippets changes an image on the page?

Answers:

• var img = document.getElementById("imageId"); img.src = "newImage.gif";

• var img = document.getElementById("imageId"); img.style.src = "newImage.gif";

• var img = document.getElementById("imageId"); img.src.value = "newImage.gif";

• var img = document.getElementById("imageId"); img = "newImage.gif";

**23. Which of the following results is returned by the JavaScript operator "typeof" for the keyword "null"?**

**Answers:**

• function

• object

• string

• number

**24. What will be the final value of the variable "apt"?**

**var apt=2;**

**apt=apt<<2;**

**Answers:**

• 2

• 4

• 6

• 8

• 16

**25. How can a JavaScript object be printed?**

**Answers:**

• console.log(obj)

• console.print(obj)

• console.echo(obj);

• None of these