

## A. JQuery

1. Which jquery method is used to set one or more style properties for selected elements?

All

2. Which jquery function is used to prevent code from running, before the document is finished loading?

All

3. Look at the following selector: ("div?"). What does it select?

All

4. Which jquery method is used to remove selected element?

All

5. Which jquery method returns the direct parent element of the selected element?

All

6. Which of the following jquery method sets the HTML contents of an element?

All

7. Which of the following jquery method inserts the specified content at the end of selected elements.

All

8. Which of the following jquery method gets a set of elements containing the unique next siblings of each of the given set of elements?

All

9. What used in a jquery event handler function \$(this) refers to;

All

10. What is the correct jquery code to set the background color of all p element to red?

All

## Javascript

14

12. "Consider the following definition of an object Account with the private Variables, two private variable and two public var

```
Var Account = (function() {  
    Var Balance = 0; // private  
    Var AcctNo = 0; // private  
    Var Owner = ""; // private  
    Var getBalance = function() { // private Method  
        return Balance;  
    }  
    Var setBalance = function(newBalance) { // private Method  
        Balance = newBalance;  
    }  
    Var open = function(Balance, acctNo, owner) { // Public Method  
        setBalance(Balance);  
        AcctNo = acctNo;  
        Owner = owner;  
    }  
    Var Deposit = function(amount) { // public Method  
        setBalance(getBalance() + amount);  
    }  
    return { ... }; // your return object here  
})();
```

Your job is complete the code of this Account definition by supplying the return object

15  
13. What is the result of executing the following javascript code:

```
var a = 10;  
function f() {  
  var b = 20;  
  function g() {  
    var c = a + b;  
    return c;  
  }  
  b = 30; return g;  
}
```

var myfunction = f();

x = myfunction();

alert(x); ?? your answer here 30 = 40

a = 100;

y = myfunction();

alert(y); ?? your answer here 130

16  
14. What is the result of executing the following javascript code

```
var b = 1000;  
function g() {  
  var a = 100;  
  b = 10;
```

var z = a + b;

alert(z); your answer here 110

```
function f(z) {  
  return 2 * z;  
}
```

var b = 20;

alert(f(b)); 40

}

g();

alert(b); 1000

14. Consider the following ~~definition~~ Object Factory function Employer

```
Employee = function() {  
    theEmp = {  
        name: "", // public field  
        salary: 0, // " " " "  
    };  
    getSalary = function() { // private method  
        return theEmp.salary;  
    };  
    setSalary = function(aSalary) { // private method  
        theEmp.salary = aSalary;  
    };  
    giveRaise = function(amount) { // public method  
        setSalary(getSalary() + amount);  
    };  
    ... // Insert a statement here to make giveRaise public  
    theEmp.x = giveRaise; // " "  
    return theEmp;  
}
```

A new Employee object with Salary 1500 is Created as follows

```
aEmp = Employee();  
aEmp.name = "George Smith";  
aEmp.salary = 1500;  
aEmp.giveRaise(1000); // Give Raise of 1000
```

To make this object factory work correctly, one additional Javascript statement is needed right before the return to make the giveRaise method public, as indicated by the comment above

18) The purpose of the following HTML web page and Javascript code is to display list items, each with ~~delete~~ delete button, when the user clicks on delete button,

The corresponding list item (with its button) disappears from the list. Your job is to write the code of the Javascript DeleteItem() function.

Write your answer.

HTML

```
<h1> Shopping Cart </h1>  
<ul>
```

```
  <li> Shirt <button> Delete </button> </li>  
  <li> Tie      "      "      "      "  
  " Jacket    "      "      "      "  
  " Hat       "      "      "      "
```

```
</ul>
```

JAVASCRIPT

```
(function () {
```

```
  function DeleteItem() {
```

```
    ... Insert your code $(this).parent().remove();  
  }
```

```
$(document).ready(function () {
```

```
  $("button").click(DeleteItem);
```

```
});
```



```

17. function Data() {
    var x = [];
    return {
        put: function (item) {
            x.push(item);
        },
        take: function () {
            return x.pop();
        },
        size: function () {
            return x.length;
        }
    };
}

```

```

y = Data(); y.put(10); y.put(-15);
alert(y.size());
alert(y.take());
alert(y.size());

```

What is the result of executing the above javascript code.

~~Navigator~~ `App Name()`

True & False

T

1. In Javascript, an event handler is Always a function?

F

2. The DOM document object Contains the window object.

T

3. All global Variables in any Javascript file are visible to all other Js file of same web page.

F

4. Each Javascript file has its own global namespace, separate from other files.

F

5. All declarations of free variables are hoisted into the global object.

6. Using the DOM, Javascript Code can determine with Browser is being used.

F

7. Unobtrusive Javascript means all Javascript Code for a website is put in the same file.

T

8. Javascript Code is Executed when the Browser reads the Script tag.

F

9. An Anonymous function can never be called because it has no name.

T

10. The javascript instruction `X = $( "p" )` Stores a JQuery object in variable X.

T

11. If `y` is a DOM object, then `y.tagName` Contains the HTML tag name.

F

12. HTML form data always goes directly to the server, it can't be accessed by Javascript running on the Browser.

F

13. An XML HTTP Request to a web server must always return data in XML format.

T

14. When Using a JQuery `$.ajax()` call, webpage form data can be sent to the server.