

1. In order to provide good accessibility, you should use `<a>` and `<button>` elements when:
--the user will interact with the element
2. To prevent a link or button from doing what it normally would, you use the event object's:
--`preventDefault()` method
3. jQuery `show()`, `hide()` and `toggle()` methods calculate the size of:
--a box including content, margins and padding
4. Using the keyword `'this'` and jQuery selector `$(this)` do the same thing.
--False
5. Which of the following is not a content panel?
--jQuery plug-in
6. An accordion panel has the advantage over a tabbed panel:
--it can have more panels
7. If the user does not have JavaScript enabled in their browser, they should be able to:
--view all the content anyway
8. The keyword `'this'` generally refers to:
--the object that the method is acting on
9. To create your own jQuery plugin, you extend the jQuery object using its:
--`fn` object
10. Why would you go through the extra trouble of making your jQuery code a jQuery plug-in?
--So it is reusable
11. What method allows you to get the vertical position of the scroll bar for an element?
--`.scrollTop()`
12. You can interact normally with the rest of the page when a modal is open.
--False
13. When creating a picture viewer content panel, there's an issue with loading the same large images over and over when you switch from one image to another. How did we solve this?
--Cache the images
14. If you want to display information to the user in an element in the center of the screen, no matter where the user is on the page, which content panel is your best option?
--Modal
15. In jQuery, the `height()` method and `outerHeight()` method return the same dimensions.
--False
16. If you want to display an album of multiple images, with preview images associated to them, which content panel is the best option?
--Photo Viewer

17.How can you halt animations using jQuery?

--.stop()

18.To create your own jQuery plugin, you extend the jQuery object using its:

--fn object

19.If you want to display information about 20 employees in a company, which content panel would be best?

--Accordion

20.If you want to display automatically cycling headlines to the user with hero images, what would be the best content panel to use?

--Slider

21.In HTML5, you can store additional information on tags using:

--data attributes

22.the split() method of the string object will create

--an array of values

23.If you use an array to store information (rather than an object), you can:

--store information in a specific order

24.On an array, the difference between the pop() and shift() methods is

--one removes an item from the beginning and the other from the end

25.When creating an array of objects, the object properties must always be added in the same order.

--False

26.When doing a search, the script will match the user input to:

--any value that is required

27.Which method would you use to reorder the contents of an array?

--sort()

28.Rather than recreating the displayed data every time a filter or search is changed, it is better to:

--show/hide values

29.Filtering is a technique that

--shows items within a range of values

30.Searching is a technique that

--allows the user to type a value to display

31.In the following compare function definition, when would the sort swap the order of a and b?

```
var arr = [15, 6, 9, 2, 30];
```

```
arr.sort (function(a, b){  
    return a - b;  
});
```

--When b is greater than a

32.Sorting is a technique that:

--changes the order of the items being displayed

33.What does the following code do to the prices array?

```
var prices = [1, 2, 125, 19, 14];
```

```
prices = prices.sort((a, b) => b - a);
```

--Sort prices in descending order

34.Given the following code, what would be the value of the scores array?

```
--[1, 10, 2, 5, 9]
```

35.Sorting arrays lexicographically in JavaScript orders strings in the following order:

--numbers, uppercase, lowercase

36.You can change the order returned by your array sort method by using a compare function.

--True

37.Filtering and searching accomplish the same thing

--False

38.The array sort method can be used to: (select all that apply)

-- randomize an array order

sort an array in ascending order

sort an array in descending order

39.You cannot use the array sort method to randomize the array order.

--False

40.When sorting an array, we can define a compare function that will specify

--the order of two values

41.Which attribute would we change to show the value of a password field to the user?

--type

42.Which property of the ``<form>`` element contains a node representing each form control?

--elements

43.Which of the following is NOT a property or method of the ``<form>`` element?

--fields

44.If we want to run our JavaScript when the form is submitted instead of sending it to the server, what method must we call?

--preventDefault()

45.When a form control loses focus it triggers a(n) _____ event.

--blur

46.Form enhancement refers to HTML5 and JavaScript code that:

--will help make it easier for the user fill in the form

47.Form controls contain a reference to the form they are inside of.

--True

48.Which event tells you when a user has changed the value of a text input?

--input

49.When a form control loses focus it triggers a(n) _____ event.

--checked

50.The term "Form Controls" refers to:
--all fields and buttons in the form

51.The this keyword works the same in normal function definitions and arrow function definitions
--False

52.Which methods exist in the Object.prototype? Select all that apply
--constructor
valueOf
toLocaleString

53.Given the following code, which method has an error in it?

```
class Temperature {  
    constructor(celsius) {  
        this.celsius = celsius;  
    }  
    get fahrenheit() {  
        return this.celsius * 1.8 + 32;  
    }  
    set fahrenheit(val) {  
        this.celsius = (val - 32) / 1.8;  
    }  
    toString() {  
        return `Temperature is ${celcius} degrees C`;  
    }  
}
```

--toString.

54.What operator allows us to check if a property or method is a member of an object?
--in

55.What is the base prototype for all objects?
--Object.prototype

56.We have the ability to define methods in our class that can act as a variable by an instantiated object of that class.
--True

57.The class keyword was added to javascript in the year 2015
--True

58.Creating objects was not possible in JavaScript before ES2015
--False

59.We can find the prototype of any object by using the Object.getPrototypeOf() method
--True

60.When instantiating an object, what method in the class definition gets called?
--constructor

