

Santiago Canyon College
CIS 132 JavaScript
Quiz 3

Please select the best answer from the questions below. Put your answers on a #882 Scantron. The questions are worth 2pts each.

1. If the prompt method displays a dialog box, and the user enters some text and clicks on the OK button, what does the prompt method return?
 - a. a null value
 - b. a Boolean value
 - c. a numeric value
 - d. a string value

2. For the following code, if the user clicks the Cancel button in the first dialog box that's displayed, a second dialog box is displayed that says...

```
var firstName = prompt("Please enter your first name:");  
if ( firstName == null )  
{  
    alert("You must enter your first name.");  
}  
else if (firstName == "")  
{  
    alert("First name is required.");  
}  
Else  
{  
    alert("Thank you.");  
}
```

- a. Please enter your first name:
 - b. You must enter your first name.
 - c. First name is required.
 - d. Thank you.

3. What property of the Radio object is used to determine if a radio button is selected?
 - a. the value property
 - b. the checked property
 - c. the selected property
 - d. the radio property

4. Recall my "\$" sign function I showed you. Now, assuming you have a radio button with an id of "contact_via", which of the following statements selects that radio button?
- a. **\$("#contact_via").selected = true;**
 - b. **\$("#contact_via").checked = true;**
 - c. **\$("#contact_via").value = true;**
 - d. **\$("#contact_via").enabled = true;**
5. Which type of loop will always execute its code at least once?
- a. while
 - b. do-while
 - c. for
 - d. for-in
6. What method of the Number object returns a string with the number rounded to the specified number of decimal places?
- a. the toString method
 - b. the round method
 - c. the toPrecision method
 - d. the toFixed method
7. Which of the following statements performs a case-insensitive comparison of the strings named text1 and text2?
- a. **text1 = text2**
 - b. **text1 == text2**
 - c. **text1.toLowerCase() = text2.toLowerCase()**
 - d. **text1.toLowerCase() == text2.toLowerCase()**
8. In JavaScript, objects are passed to a function by value.
- A. True
 - B. False
9. In JavaScript, numbers are passed to a function by reference.
- A. True
 - B. False
10. If you create a variable outside of any function, it has global or form-level scope.
- A. True
 - B. False

11. What type of variable scope does JavaScript use?

- a. dynamic
- b. block
- c. lexical
- d. nested

12. If the `orderTotal = $299.00`, what will the value of `discountAmount` be?

```
var discountAmount;  
var orderTotal = 200;  
if (orderTotal > 200) {  
    discountAmount = orderTotal * .3;  
} else if (orderTotal > 100) {  
    discountAmount = orderTotal * .2;  
} else {  
    discountAmount = orderTotal * .1;  
}
```

- a. \$10.0
- b. \$20.0
- c. \$40.0
- d. \$60.0

13. How many times will the while loop that follows be executed?

```
var months = 5;  
var i = 1;  
while (i < months) {  
    futureValue = futureValue * (1 + monthlyInterestRate);  
    i = i+1;  
}
```

- a. 0
- b. 4
- c. 5
- d. 6

14. After the statement that follows is executed, `rateText` contains

```
var rateText = document.getElementById("rate");
```

- a. the string that was entered in the XHTML element with "rate" as its id
- b. a reference to the XHTML element with "rate" as its id
- c. the value that was entered in the XHTML element with "rate" as its id
- d. the XHTML element with "rate" as its id

15. The index value of the first element in a JavaScript array is zero.

- A. True
- B. False

16. The _____ property of an array returns the number of elements in the array.

- A. size
- B. max
- C. len
- D. numItems
- E. None of the above

17. Given the following code, which of the following statements displays "John Smith is 29"?

```
var employee = [];  
employee["name"] = "John Smith";  
employee["age"] = 29;
```

- a. **alert(employee[0] + " is " + employee[1]);**
- b. **alert(employee[1] + " is " + employee[2]);**
- c. **alert(employee["name"] + " is " + employee["age"]);**
- d. **alert(employee["name"][0] + " is " + employee["age"][0]);**

18. The _____ loop is called a "post-test loop" because its conditional expression is at the end of the loop.

- A. for
- B. do-until
- C. loop-until
- D. while
- E. do-while

19. The _____ loop is typically used when the loop requires a counting variable.

- A. for
- B. do-until
- C. loop-until
- D. while
- E. do-while

20. What is displayed when the following code executes?

```
var statusCode = "403";  
switch ( statusCode ) {  
  case "200":  
    alert("OK");  
    break;  
  case "403":  
    alert("Forbidden");  
    break;  
  case "404":  
    alert("Not Found");  
    break;  
  default:  
    alert("Unknown Status");  
    break;  
}
```

- a. OK
- b. Forbidden
- c. Not Found
- d. Unknown Status

The End