KBA 308 - JavaScript

- Due No due date
- Points 200.1
- Questions 29
- Time Limit 90 Minutes

Instructions

Topics:

---Data Types, Variables, Type Conversion---
•Integer
• String
• float
• Booleans
• character
• Objects
• Numbers

---Operators---
•Arithmetics
• Logical
• Comparisons
• Assignment
• Bitwise

---Control Statements---
• If/else
• if/elseif
• switch statements

---Loops---
-For Loop
• while loop
• do/while loop

• for in loop

---Basic Keywords---
• Break
• continue

---Collections---
•Arrays
• List
• Maps
• Objects

---Functions---
•Scope
• custom function syntax
• String Methods
• Number Methods
• Array Methods
• Date Get Methods
• Date Set Methods
• Array Sort

---Class and Objects---
•Math
• Random
• Dates

---Best Practices---
-RegExp
• Errors
• Debugging
• Hosting

• Best Practices
• Mistakes
• Performance
• Versions
• JSON

---JS Forms---
•Forms and Forms API

---JS Objects---
-Definitions
• Properties
• Methods
• Constructors
• Prototypes

---JS Functions---
-Invocation
• Call
• Apply
• Closures

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	25 minutes	172.5 out of 200.1

ⓘ Correct answers are hidden.

Score for this quiz: 172.5 out of 200.1
Submitted May 17 at 10:59am
This attempt took 25 minutes.

Question 1
6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
console.log("Hello" - " World");
```

- (•) NaN
- ( ) "Hello" + " World"
- ( ) Error
- ( ) Hello World

Question 2
6.9 / 6.9 pts

What is the correct syntax for referring to an external script called “script.js”?

- (•) <script src="script.js">
- ( ) <script href="script.js">
- ( ) <script ref="script.js">
- ( ) <script name="script.js">

Question 3

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
numbers = "12345";
for (let i = 0; i < 5; i++) {
    if (numbers[i] == 3) {
        continue;
    }
    console.log(numbers[i]);
}
```

- 1 2 4 5
- 1 2
- 1 2 3 4 5
- 5

Question 4

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
console.log("Hello" + " World");
```

- Hello World
- NaN
- "Hello" + " World"
- Error

Question 5

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
let date = new Date("Thu Jan 29 2009 17:31:44");
let now = new Date("2019-01-24 18:31:44");

console.log(now.getMonth() === date.getMonth());
```

- (●) True
- ( ) False
- ( ) 1
- ( ) Jan

Question 6

6.9 / 6.9 pts

What are 2 ways of registering an event listener? (Select all that apply)

- [x] Using an inline event handler like onClick="myEventListener()"
- [ ] Add an button listener to the html tag
- [x] use "addEventListener" to register the event handler
- [ ] Add prototypes using HTML tag

IncorrectQuestion 7

0 / 6.9 pts

Which of the following pieces of Javascript code would display "true" if a variable "***i***" is not equal to 5?

- ( ) console.log(i!=5);

```
var x = function () {
    if (i != 5) {
        x = true
    } else {
        x = false
    }
};
console.log(x());

console.log(function () {
    if (i != 5) {
        return true
    } else {
        return false
    }
});
```

```
var x = function () {
    if (i === 5) {
        return true
    } else {
        return false
    }
};
```

- ◉ console.log(x());

Question 8

6.9 / 6.9 pts

In a dynamic Web app, elements and text are often added with JavaScript. The _____ and _____ methods are used to create new nodes or elements and content in the DOM. (Select all that apply)

- ☑ createElement()
- ☐ new Paragraph()
- ☐ doument.Element()
- ☑ createTextNode()

Question 9

6.9 / 6.9 pts

What will be the result of the following statement in Javascript? (True / False)

8 === "8"

- ○ True

- False

Question 10

6.9 / 6.9 pts

What does a number data type represent in JavaScript?

- integers and floats
- integers only
- floats only
- none of the mentioned

Question 11

6.9 / 6.9 pts

What is JavaScript?

In **Strongly typed languages** once a type is assigned to a variable - say at run time or compile time, it retains that type and can't be intermingled in expressions with other types easily.

In **Weakly typed languages**, once a type is assigned to a variable - say at run-time or compile-time, it can be intermingled in expressions with other types easily.

- A high-level and weakly typed scripting programming language
- A high-level and strongly typed compiled programming language
- A low-level and strongly typed compiled programming language
- A low-level and weakly typed compiled programming language

Question 12

6.9 / 6.9 pts

What is the correct syntax for adding comments in JavaScript?

- //This is a comment
- <!–This is a comment–&gt
- –This is a comment
- **This is a comment**

Question 13

6.9 / 6.9 pts

What is one difference between the Array.slice() and the Array.splice() methods in JavaScript?

- The Array.splice() changes the original array whereas Array.slice() does not
- The Array.slice() changes the original array whereas Array.splice() does not .
- The Array.slice() returns all elements of the array starting at the indicated index until the end of the array, whereas the Array.splice() returns all elements of the array starting at the beginning of the array until the indicated index.
- The Array.splice() returns all elements of the array starting at the indicated index until the end of the array, whereas the Array.slice() returns all elements of the array starting at the beginning of the array until the indicated index.

Question 14

6.9 / 6.9 pts

Which function of an Array object calls a function for every element in the array?

- forEach()
- forEvery()
- callForEach()
- callForEvery

Question 15

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
var name = "Per Scholas";
var name = "JavaScript";

console.log(name);
```

- (•) JavaScript
- ( ) Per Scholas
- ( ) Error
- ( ) name

Question 16

6.9 / 6.9 pts

Modern JavaScript is a “safe” programming language. It does not provide low-level access to memory or CPU, because it was initially created for browsers which do not require it.

True or False?

- (•) True
- ( ) False

IncorrectQuestion 17

0 / 6.9 pts

What is the console output of the following JavaScript code?

```
let person = {
    firstName: "John",
    lastName: "Doe",
    age: 50,
    eyeColor: "blue"
};

for (let i in person) {
    console.log(i);
}
```

- "firstName" "lastName" "age" "eyeColor"
- "John" "Doe" 50 "blue"
- undefined undefined undefined undefined

Question 18

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
numbers = "12345";
for (let i = 0; i < 5; i++) {
    if (numbers[i] == 3) {
        break;
    }
    console.log(numbers[i]);
}
```

- 1 2
- 1 2 4 5
- 1 2 3 4 5
- 5

Question 19

6.9 / 6.9 pts

We can use the _____ method of the Document object, which returns a collection of all elements in the document with the specified **tag name** as a NodeList object

- (●) getElementsByTagName()
- ( ) getElementsByID()
- ( ) getElementsByHtml()
- ( ) getElementsByClass()

Incorrect Question 20

0 / 6.9 pts

What is the console output of the following JavaScript code?

```
let arr = [1, 2, 3, 4, 5, ];
arr.forEach(function(value, index, array) {
    array[index] = value * value
});
console.log(arr.reverse().filter(function(x) {
    return x % 5
}));
```

- ( ) [16, 9, 4, 1]
- ( ) [25, 16, 9, 4, 1]
- ( ) [4, 3, 2, 1]
- (●) Error

Question 21

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
let a = "Per Scholas";
```

```
let x = a.lastIndexOf("l");
console.log(x);
```

- 7
- 8
- 6
- Error

Question 22

6.9 / 6.9 pts

The *querySelector()* method returns the first element that matches a specified CSS selector(s) in the document.

- True
- False

Question 23

6.9 / 6.9 pts

The external JavaScript file must contain HTML tags. True or False?

- True
- False

Question 24

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
let name = "Per Scholas";
let name = "JavaScript";
```

```
console.log(name);
```

- (●) Error
- ( ) Per Scholas
- ( ) JavaScript
- ( ) name

Question 25

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
let a = "Per Scholas";
let result = a.substring(4, 5);

console.log(result);
```

- ( ) M
- ( ) Me
- ( ) s
- (●) S

IncorrectQuestion 26

0 / 6.9 pts

What is the console output of the following JavaScript code?

```
let x = 5;
let y = 6;
let res = ("x*y");

console.log(res);
```

- x*y
- "x*y"
- 5*6
- Error

Question 27

6.9 / 6.9 pts

_____ event handler invokes when the mouse clicks on an element.

- onmouseover
- onclick
- onmouseleave
- onmousedown

Question 28

6.9 / 6.9 pts

Which of the following is the correct syntax to display “Hello JS!” in an alert box using JavaScript?

- alert("Hello JS!");
- alertbox(“Hello JS!”);
- msg(“Hello JS!”);
- msgbox(“Hello JS!”);

Question 29

6.9 / 6.9 pts

What is the console output of the following JavaScript code?

```
a = 8 + "8";
console.log(a);
```

- (●) 88
- ( ) Run Time Error
- ( ) Compilation Error
- ( ) 16

Quiz Score: 172.5 out of 200.1