



Salesforce

Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I

NEW QUESTION 1

A developer wants to use a try...catch statement to catch any error that countSheep () may throw and pass it to a handleError () function. What is the correct implementation of the try...catch?

A)

```
try {
  setTimeout(function() {
    countSheep();
  }, 1000);
} catch (e) {
  handleError(e);
}
```

B)

```
try {
  countSheep();
} finally {
  handleError(e);
}
```

C)

```
setTimeout(function() {
  try {
    countSheep();
  } catch (e) {
    handleError(e);
  }
}, 1000);
```

D)

```
try {
  countSheep();
} handleError (e){
  catch(e):
```

- A. Option
- B. Option
- C. Option
- D. Option

Answer: A

NEW QUESTION 2

A developer has the following array of student test grades: Let arr = [7, 8, 5, 8, 9];
 The Teacher wants to double each score and then see an array of the students who scored more than 15 points.
 How should the developer implement the request?

- A. Let arr1 = arr.filter((val) => (return val > 15)) .map ((num) => (return num *2))
- B. Let arr1 = arr.mapBy ((num) => (return num *2)) .filterBy ((val) => return val > 15);
- C. Let arr1 = arr.map((num) => num*2). Filter ((val) => val > 15);
- D. Let arr1 = arr.map((num) => (num *2)).filterBy((val) => (val >15));

Answer: C

NEW QUESTION 3

Refer to the code below:

```
Let car1 = new Promise((_, reject) => setTimeout(reject, 2000, "car 1 crashed in" =>
Let car2 = new Promise(resolve => setTimeout(resolve, 1500, "car 2 completed") Let car3 = new Promise(resolve => setTimeout(resolve, 3000, "car 3 completed")
Promise.race(( car1, car2, car3))
.then (value => (
Let result = `${value} the race.`;))
.catch(arr => {
console.log("Race is cancelled.", err);
});
```

What is the value of result when Promise.race executes?

- A. Car 3 completes the race
- B. Car 2 completed the race.
- C. Car 1 crashed in the race.
- D. Race is cancelled.

Answer: B

NEW QUESTION 4

A developer needs to test this function:

```
01const sum3 = (arr) => (
02if (!arr.length) return 0,
03if (arr.length === 1) return arr[0],
04if (arr.length === 2) return arr[0]+ arr[1],
05 return arr[0] + arr[1] + arr[2],
06 );
```

Which two assert statements are valid tests for the function? Choose 2 answers

- A. console.assert(sum3(1, '2')) == 12;
- B. console.assert(sum3(0)) == 0;
- C. console.assert(sum3(-3, 2)) == -1;
- D. console.assert(sum3('hello', 2, 3, 4)) === NaN;

Answer: AC

NEW QUESTION 5

Which javascript methods can be used to serialize an object into a string and deserialize a JSON string into an object, respectively?

- A. JSON.stringify and JSON.parse
- B. JSON.serialize and JSON.deserialize
- C. JSON.encode and JSON.decode
- D. JSON.parse and JSON.deserialize

Answer: A

NEW QUESTION 6

Given the following code: Let x =null; console.log(typeof x);

What is the output of the line 02?

- A. "Null"
- B. "X"
- C. "Object"
- D. "undefined"

Answer: C

NEW QUESTION 7

Refer to HTML below:

```
<p> The current status of an Order: <span id="status"> In Progress </span> </p>.
```

Which JavaScript statement changes the text 'In Progress' to 'Completed' ?

- A. document.getElementById("status").Value = 'Completed' ;
- B. document.getElementById("#status").innerHTML = 'Completed' ;
- C. document.getElementById("status").innerHTML = 'Completed' ;
- D. document.getElementById(".status").innerHTML = 'Completed' ;

Answer: C

NEW QUESTION 8

The developer wants to test this code:

Const toNumber =(strOrNum) => strOrNum; Which two tests are most accurate for this code? Choose 2 answers

- A. console.assert(toNumber('2') ===2);
- B. console.assert(Number.isNaN(toNumber()));
- C. console.assert(toNumber('-3') < 0);
- D. console.assert(toNumber () === NaN);

Answer: AC

NEW QUESTION 9

Refer to code below:

```
Const objBook = { Title: 'Javascript',
};
```

```
Object.preventExtensions(objBook); ConstnewObjBook = objBook; newObjectBook.author = 'Robert';
```

What are the values of objBook and newObjBook respectively ?

- A. [title: "javaScript"] [title: "javaScript"]
- B. {author: "Robert", title: "javaScript} Undefined
- C. {author: "Robert", title: "javaScript}{author: "Robert", title: "javaScript}
- D. {author: "Robert"}{author: "Robert", title: "javaScript}

Answer: A

NEW QUESTION 10

Given the following code:

```
01 let x = null;
02 console.log(typeof x);
```

is the output of line 02?

- A. "x"
- B. "null"
- C. "object"
- D. "undefined"

Answer: C

NEW QUESTION 10

Given the code below: Setcurrent URL ();
 console.log('The current URL is: ' +url); function setCurrentUrl() {
 Url = window.location.href;
 What happens when the code executes?

- A. The url variable has local scope and line 02 throws an error.
- B. The url variable has global scope and line 02 executes correctly.
- C. The url variable has global scope and line 02 throws an error.
- D. The url variable has local scope and line 02 executes correctly.

Answer: B

NEW QUESTION 12

Refer to code below:

```
01 function Person() {
02   this.firstName = 'John';
03 }
04
05 Person.prototype = {
06   job: x => 'Developer'
07 };
08
09 const myFather = new Person();
10 const result = myFather.firstName + ' ' + myFather.job();
```

What is the value of the result after line 10 executes?

- A. Error: myFather.job is not a function
- B. Undefined Developer
- C. John undefined
- D. John Developer

Answer: D

NEW QUESTION 15

At Universal Containers, every team has its own way of copyingJavaScript objects. The code Snippet shows an implementation from one team:

```
01 function Person() {
02   this.firstName = "John";
03   this.lastName = "Doe";
04   this.name = () => {
05     console.log('Hello ${this.firstName} ${this.lastName}');
06   }
07 }
08
09 const john = new Person();
10 const dan = JSON.parse(JSON.stringify(john));
11 dan.firstName = 'Dan';
12 dan.name();
```

What is the Output of the code execution?

- A. Hello Dan Doe
- B. Hello John DOe
- C. TypeError: dan.name is not a function
- D. TypeError: Assignment to constant variable.

Answer: C

NEW QUESTION 19

Refer to the code below: `Function Person(firstName, lastName, eyeColor) { this.firstName = firstName; this.lastName = lastName; this.eyeColor = eyeColor; } Person.job = 'Developer'; const myFather = new Person('John', 'Doe'); console.log(myFather.job);`
 What is the output after the code executes?

- A. ReferenceError: eyeColor is not defined
- B. ReferenceError: assignment to undeclared variable "Person"
- C. Developer
- D. Undefined

Answer: D

NEW QUESTION 23

Refer to code below:

```
01 let a = 'a';
02 let b;
03 // b = a;
04 console.log(b);
```

What is displayed when the code executes?

- A. ReferenceError: b is not defined
- B. a
- C. Undefined
- D. Null

Answer: C

Explanation:



NEW QUESTION 26

Universal Containers (UC) notices that its application that allows users to search for accounts makes a network request each time a key is pressed. This results in too many requests for the server to handle.

Address this problem, UC decides to implement a debounce function on string change handler.

What are three key steps to implement this debounce function? Choose 3 answers:

- A. If there is an existing `setTimeout` and the search string change, allow the existing `setTimeout` to finish, and do not enqueue a new `setTimeout`.
- B. When the search string changes, enqueue the request within a `setTimeout`.
- C. Ensure that the network request has the property `debounce` set to `true`.
- D. If there is an existing `setTimeout` and the search string changes, cancel the existing `setTimeout` using the persisted `timerId` and replace it with a new `setTimeout`.
- E. Store the `timerId` of the `setTimeout` last enqueued by the search string change handle.

Answer: ABC

NEW QUESTION 31

Given the following code: Let $x = ('15' + 10) * 2$;
 What is the value of a ?

- A. 3020
- B. 1520
- C. 50
- D. 35

Answer: A

NEW QUESTION 32

Given HTML below:

```
<div>
  <div id="row-uc">Universal Containers</div>
  <div id="row-as">Applied Shipping</div>
  <div id="row-bt">Burlington Textiles</div>
</div>
```

Which statement adds the `priority = account` CSS class to the universal Containers row ?

- A. `Document.querySelector('#row-uc').classes.push('priority-account');`
- B. `Document.querySelector('#row-uc').addClass('priority-account');`
- C. `Document.querySelector('#row-uc').classList.add('priority-account');`
- D. `Document.querySelectorAll('#row-uc').classList.add('priority-account');`

Answer: B

NEW QUESTION 34

Given the code below:

```
const delay = async delay => {
  return new Promise((resolve, reject) => {
    setTimeout(resolve, delay);
  });
};

const callDelay = async () => {
  const yup = await delay(1000);
  console.log(1);
};

console.log(2);
callDelay();
console.log(3);
```

What is logged to the console?

- A. 1 2 3
- B. 1 3 2
- C. 2 1 3
- D. 2 3 1

Answer: D

NEW QUESTION 35

A developer creates a class that represents a blog post based on the requirement that a Post should have a body author and view count.

```
The Code shown Below: ClassPost {
// Insert code here This.body =body This.author = author;
this.viewCount = viewCount;
}
}
```

Which statement should be inserted in the placeholder on line 02 to allow for a variable to be set to a new instance of a Post with the three attributes correctly populated?

- A. `super (body, author, viewCount) {`
- B. `Function Post (body, author, viewCount) {`
- C. `constructor (body, author, viewCount) {`
- D. `constructor() {`

Answer: C

NEW QUESTION 39

Cloud Kicks has a class to represent items for sale in an online store, as shown below: Class Item{
 constructor (name, price){ this.name = name; this.price = price;
 }
 formattedPrice(){

return 's' + String(this.price);}}

A new business requirement comes in that requests a ClothingItem class that should have all of the properties and methods of the Item class but will also have properties that are specific to clothes.

Which line of code properly declares the clothingItem class such that it inherits from Item?

- A. Class ClothingItem implements Item{
- B. Class ClothingItem {
- C. Class ClothingItem super Item {
- D. Class ClothingItem extends Item {

Answer: D

NEW QUESTION 44

Refer to the following code:

```
<html lang="en">
<body>
<div onclick = "console.log('Outer message') ;">
<button id ="myButton">Click me<button>
</div>
</body>
<script>
function displayMessage(ev) { ev.stopPropagation(); console.log('Inner message. ');
}
const elem =document.getElementById('myButton'); elem.addEventListener('click' , displayMessage);
</script>
</html>
```

What will the console show when the button is clicked?

- A. Outer message
- B. Outer message Inner message
- C. Inner message Outer message
- D. Inner message

Answer: D

NEW QUESTION 47

A developer is asked to fix some bugs reported by users. To do that, the developer adds a breakpoint for debugging.

Function Car (maxSpeed, color){ This.maxspeed =masSpeed; This.color = color;

Let carSpeed = document.getElementById(' CarSpeed'); Debugger;

Let fourWheels =new Car (carSpeed.value, 'red');

When the code execution stops at the breakpoint on line 06, which two types of information are available in the browser console ?

Choose 2 answers:

- A. The values of the carSpeed and fourWheels variables
- B. A variable displaying the number of instances created for theCar Object.
- C. The style, event listeners and other attributes applied to the carSpeed DOM element
- D. The information stored in the window.localStorage property

Answer: CD

NEW QUESTION 49

Refer to the expression below: Let x = ('1' + 2) == (6 * 2);

How should this expression be modified to ensure that evaluates to false?

- A. Let x = ('1' + ' 2') == (6 * 2);
- B. Let x = ('1' + 2) == (6 * 2);
- C. Let x = (1 + 2) == ('6' / 2);
- D. Let x = (1 + 2) == (6 / 2);

Answer: B

NEW QUESTION 51

Refer to the code below:

01 const server = require('server');

02 /* Insert code here */

A developer imports a library that creates a web server.The imported library uses events and callbacks to start the servers

Which code should be inserted at the line 03 to set up an event and start the web server ?

- A. Server.start ();
- B. server.on(' connect ' , (port) => { console.log('Listening on ' , port);})
- C. server()
- D. serve((port) => (
- E. console.log('Listening on ' , port) ;

Answer: B

NEW QUESTION 54

developer uses the code below to format a date.

```
01 const date = new Date(2020, 05, 10);
02 const dateDisplayOptions = {
03   year: 'numeric',
04   month: 'long',
05   day: 'numeric'
06 };
07
08 const formattedDate = date.toLocaleDateString('en', dateDisplayOptions);
```

After executing, what is the value of formattedDate?

- A. May 10, 2020
- B. June 10, 2020
- C. October 05, 2020
- D. November 05, 2020

Answer: A

NEW QUESTION 55

A developer wants to setup a secure web server with Node.js. The developer creates a directory locally called app-server, and the first file is app-server/index.js. Without using any third-party libraries, what should the developer add to index.js to create the secure web server?

- A. const https = require('https');
- B. const server = require('secure-server');
- C. const tls = require('tls');
- D. const http = require('http');

Answer: A

NEW QUESTION 59

Refer to the code below:

```
01 function foo() {
02   const a = 2;
03   function bar() {
04     console.log(a);
05   }
06   return bar;
07 }
```

Why does the function bar have access to variable a ?

- A. Inner function's scope
- B. Hoisting
- C. Outer function's scope
- D. Prototype chain

Answer: C

NEW QUESTION 64

is below:

```
<input type="file" onchange="previewFile()">
<img src="" height="200" alt="Image Preview..."/> The JavaScript portion is:
1 function previewFile(){
2   const preview = document.querySelector('img');
3   const file = document.querySelector("input[type=file]").files[0]; 04 //line 4 code
05   reader.addEventListener("load", () =>{ 06   preview.src = reader.result;
7   },false);
8 //line 8 code
9 }
```

In lines 04 and 08, which code allows the user to select an image from their local computer , and to display the image in the browser?

- A. 04 const reader = new File();08 if (file) URL.createObjectURL(file);
- B. 04 const reader = new FileReader();08 if (file) URL.createObjectURL(file);
- C. 04 const reader = new File();08 if (file) reader.readAsDataURL(file);
- D. 04 const reader = new FileReader();08 if (file) reader.readAsDataURL(file);

Answer: D

NEW QUESTION 69

Which three options show valid methods for creating a fat arrowfunction? Choose 3 answers

- A. x => (console.log(' executed ') ;)

- B. [] => (console.log(' executed ') ;)
- C. () => (console.log(' executed ') ;)
- D. X,y,z => (console.log(' executed ') ;)
- E. (x,y,z) => (console.log(' executed ') ;)

Answer: AE

NEW QUESTION 72

Which statement parses successfully?

- A. JSO
- B. parse ("foo");
- C. JSON.parse ("foo");
- D. JSON.parse ("foo");
- E. JSON.parse ("foo");

Answer: A

NEW QUESTION 73

Refer to the code below: let timeFunction = () => {
 console.log('Timer called.');

};
 let timerId = setTimeout (timeFunction, 1000);

Which statement allows a developer to cancel the scheduled timed function?

- A. removeTimeout(timeFunction);
- B. removeTimeout(timerId);
- C. clearTimeout(timerId);
- D. clearTimeout(timeFunction);

Answer: C

NEW QUESTION 77

A developer has the function, shown below, that is called when a page loads.

```
function onLoad() {
  console.log("Page has loaded!");
}
```

Where can the developer see the log statement after loading the page in the browser?

- A. Terminal running the web server.
- B. Browser performance toots
- C. Browser javaScript console
- D. On the webpage.

Answer: C

NEW QUESTION 78

What are two unique features of functions defined with a fat arrow as compared to normal function definition?

Choose 2 answers

- A. The function generated its own this making ituseful for separating the function's scope from its enclosing scope.
- B. The function receives an argument that is always in scope, called parentThis, which is the enclosing lexical scop
- C. If the function has a single expression in the function body, the expression will be evaluated and implicit returned.
- D. The function uses the this from the enclosing scope.

Answer: AC

NEW QUESTION 80

Teams at Universal Containers(UC) work on multiple JavaScript projects at the same time. UC is thinking about reusability and how each team can benefit from the work of others. Going open-source or public is not an option at this time.

Which option is available to UC with npm?

- A. Private packages can be scored, and scopes can be associated to a private registries.
- B. Private registries are not supported by npm, but packages can be installed via URL.
- C. Private packages are not supported, but they can use another package manager like yarn.
- D. Private registries are not supported by npm, but packages can be installed via git.

Answer: A

NEW QUESTION 81

Which statement accurately describes an aspect of promises?

- A. Arguments for the callback function passed to .then() are optional.
- B. In a.then() function, returning results is not necessary since callbacks will catch the result of a previous promise.

- C. .then() cannot be added after a catch.
- D. .then() manipulates and returns the original promise.

Answer: A

NEW QUESTION 84

A developer has code that calculates a restaurant bill, but generates incorrect answers while testing the code:

```
function calculateBill ( items ) { let total = 0;
total += findSubTotal(items); total += addTax(total);
total += addTip(total); return total;
}
```

Which option allows the developer to step into each function execution within calculateBill?

- A. Using the debugger command on line 05.
- B. Using the debugger command on line 03
- C. Calling the console.trace (total) method on line 03.
- D. Wrapping findSubtotal in a console.log() method.

Answer: A

NEW QUESTION 89

A developer creates a simple webpage with an input field. When a user enters text in the input field and clicks the button, the actual value of the field must be displayed in the console.

Here is the HTML file content:

```
<input type="text" value="Hello" name="input">
<button type="button">Display</button>
```

The developer wrote the javascript code below:

```
01 const button = document.querySelector('button');
02 button.addEventListener('click', () => {
03   const input = document.querySelector('input');
04   console.log(input.getAttribute('value'));
05 });
```

When the user clicks the button, the output is always "Hello". What needs to be done to make this code work as expected?

- A. Replace line 04 with console.log(input .value);
- B. Replace line 03 with const input = document.getElementById('input');
- C. Replace line 02 with button.addCallback("click", function() {
- D. Replace line 02 with button.addEventListener("onclick", function() {

Answer: A

NEW QUESTION 91

Which three statements are true about promises ? Choose 3 answers

- A. The executor of a new Promise runs automatically.
- B. A Promise has a .then() method.
- C. A fulfilled or rejected promise will not change states .
- D. A settled promise can become resolved.
- E. A pending promise can become fulfilled, settled, or rejected.

Answer: BCE

NEW QUESTION 93

A developer is leading the creation of a new browser application that will serve a single page application. The team wants to use a new web framework Minimalist.js. The Lead developer wants to advocate for a more seasoned web framework that already has a community around it.

Which two frameworks should the lead developer advocate for? Choose 2 answers

- A. Vue
- B. Angular
- C. Koa
- D. Express

Answer: BD

NEW QUESTION 94

Refer to the code snippet below: Let array = [1, 2, 3, 4, 4, 5, 4, 4];

```
For (let i =0; i < array.length; i++) if (array[i] === 4) {
array.splice(i, 1);
}
```

```

let array = [1, 2, 3, 4, 4, 5, 4, 4];
for (let i = 0; i < array.length; i++){
  if (array[i] === 4) {
    array.splice(i, 1);
  }
}
console.log(array)

```

▶ (6) [1, 2, 3, 4, 5, 4] VM1963:7

undefined

What is the value of array after the code executes?

- A. [1, 2, 3, 4, 5, 4, 4]
- B. [1, 2, 3, 4, 4, 5, 4]
- C. [1, 2, 3, 5]
- D. [1, 2, 3, 4, 5, 4]

Answer: B

NEW QUESTION 99

developer wants to use a module named universalContainersLib and then call functions from it.
 How should a developer import every function from the module and then call the functions foo and bar ?

- A. import * as lib from '/path/universalContainersLib.js'; lib.foo();lib.bar();
- B. import {foo, bar} from '/path/universalContainersLib.js'; foo();bar();
- C. import all from '/path/universalContainerLib.js'; universalContainersLib.foo(); universalContainersLib.bar();
- D. import * from '/path/universalContainerLib.js'; universalContainersLib.foo(); universalContainersLib.bar();

Answer: A

NEW QUESTION 103

Which option is true about the strict mode in imported modules?

- A. Add the statement use non-strict, before any other statements in the module to enable not-strict mode.
- B. You can only reference notStrict() functions from the imported module.
- C. Imported modules are in strict mode whether you declare them as such or not.
- D. Add the statement use strict =false; before any other statements in the module to enable not- strict mode.

Answer: B

NEW QUESTION 106

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