

# Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I

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**NEW QUESTION 1**

A team that works on a big project uses npm to deal with projects dependencies. A developer added a dependency does not get downloaded when they executenpm install.

Which two reasons could be possible explanations for this?

Choose 2 answers

- A. The developer missed the option --add when adding the dependency.
- B. The developer added the dependency as a dev dependency, and NODE\_ENVIs set to production.
- C. The developer missed the option --save when adding the dependency.
- D. The developer added the dependency as a dev dependency, and NODE\_ENV is set to production.

**Answer:** BCD

**NEW QUESTION 2**

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 3**

A developer is creating a simple webpage with a button. When a userclicks this button for the first time, a message is displayed.

The developer wrote the JavaScript code below, but something is missing. The message gets displayed every time a user clicks the button, instead of just the first time.

```
01 function listen(event) {
02
03   alert('Hey! I am John Doe');
04
05 }
06 button.addEventListener('click', listen);
```

Which two code lines make this code work as required? Choose 2 answers

- A. On line 02, use event.first to test if it is the first execution.
- B. On line 04, useevent.stopPropagation (),
- C. On line 04, use button.removeEventListener(' click" , listen);
- D. On line 06, add an option called once to button.addEventListener().

Answer: CD

#### NEW QUESTION 4

A class was written to represent items for purchase in an online store, and a second class Representing items that are on sale at a discounted price. The constructor sets the name to the first value passed in. The pseudocode is below:

```
class Item {
  constructor(name, price){
    ... // Constructor Implementation
  }
}

class SaleItem extends Item {
  constructor(name, price, discount){
    ... // Constructor Implementation
  }
}
```

There is a new requirement for a developer to implement a description method that will return a brief description for Item and SaleItem.

```
01 let regItem = new Item('Scarf', 55);
02 let saleItem = new SaleItem('Shirt', 80, .1);
03 Item.prototype.description = function() { return 'This is a ' + this.name; }
04 console.log(regItem.description());
05 console.log(saleItem.description());
06
07 SaleItem.prototype.description = function() { return 'This is a discounted ' + this.name; }
08 console.log(regItem.description());
09 console.log(saleItem.description());
```

What is the output when executing the code above ?

- A. This is a ScarfUncaught TypeError:saleItem.description is not a function This is aScarfThis is a discounted Shirt
- B. This is a Scarf This is a Shirt This is a ScarfThis is a discounted Shirt
- C. This is a Scarf This is a ShirtThis is a discounted Scarf This is a discounted Shirt
- D. This is aScarfUncaught TypeError: saleItem.description is not a function This is a ShirtThis is a did counted Shirt

Answer: B

#### NEW QUESTION 5

A Developer wrote the following code to test a sum3 function that takes in an array of numbers and returns the sum of the first three number in the array, The test passes:

```
01 let res = sum3([1, 2, 3]);
02 console.assert(res === 6);
03
04 res=sum3([1, 2, 3, 4]);
05 console.assert(res === 6);
```

A different developer made changes to the behavior of sum3 to instead sum all of the numbers present in the array. The test passes:  
 Which two results occur when running the test on the updated sum3 function ? Choose 2 answers

- A. The line 02 assertion passes.
- B. The line 02 assertion fails
- C. The line 05 assertion passes.
- D. The line 05 assertion fails.

Answer: AD

#### NEW QUESTION 6

Refer to the code below: const addBy = ?  
 const addByEight =addBy(8); const sum = addBYEight(50);  
 Which two functions can replace line 01 and return 58 to sum? Choose 2 answers

- A. const addBy = function(num1){ return function(num2){return num1 + num2;}}
- B. const addBy = function(num1){ return num1 + num2;}
- C. const addBy = (num1) => num1 + num2 ;
- D. const addBY = (num1) => (num2) => num1 + num2;

Answer: AD

#### NEW QUESTION 7

Which three actions can be using the JavaScript browser console? Choose 3 answers:

- A. View and change DOM the page.
- B. Display a report showing the performance of a page.
- C. Run code that is not related to page.
- D. view , change, and debug the JavaScript code of the page.
- E. View and change security cookies.

**Answer:** ACD

### NEW QUESTION 8

Which code statement correctly retrieves and returns an object from localStorage?

- A. `const retrieveFromLocalStorage = () =>{return JSON.stringify(window.localStorage.getItem(storageKey));}` `const retrieveFromLocalStorage = () => { return JSON.stringify(window.localStorage.getItem(storageKey)); }`
- B. `const retrieveFromLocalStorage = (storageKey) =>{ return window.localStorage.getItem(storageKey);}` `const retrieveFromLocalStorage = (storageKey) => { return window.localStorage.getItem(storageKey); }`
- C. `const retrieveFromLocalStorage = (storageKey) =>{ returnJSON.parse(window.localStorage.getItem(storageKey));}` `const retrieveFromLocalStorage = (storageKey) => { return JSON.parse(window.localStorage.getItemstorageKey); }`
- D. `const retrieveFromLocalStorage = (storageKey) =>{ return window.localStorage[storageKey];}` `const retrieveFromLocalStorage = (storageKey) => { return window.localStorage[storageKey]; }`

**Answer:** C

### NEW QUESTION 9

Refer to HTML below:

```
<div id ="main">
<div id = " card-00">This card is smaller.</div>
<div id = "card-01">The width and height of this card is determined by its contents.</div>
</div>
```

Which expression outputs the screen width of the element with the ID card-01?

- A. `document.getElementById(' card-01 ').getBoundingClientRect().width`
- B. `document.getElementById(' card-01 ').style.width`
- C. `document.getElementById(' card-01 ').width`
- D. `document.getElementById(' card-01 ').innerHTML.lenght*e`

**Answer:** A

### NEW QUESTION 10

Refer to following code block:

```
Let array = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,];
Let output =0;
For (let num of array){ if (output >0){
Break;
}
if(num % 2 == 0){
Continue;
}
Output +=num;
```

What is the value of output after the code executes?

- A. 16
- B. 36
- C. 11
- D. 25

**Answer:** A

### NEW QUESTION 10

Universal Container(UC) just launched a new landing page, but users complain that the website is slow. A developer found some functions that cause this problem. To verify this, the developer decides to do everything and log the time each of these three suspicious functions consumes.

```
console.time('Performance'); maybeAHeavyFunction(); thisCouldTakeTooLong(); orMaybeThisOne(); console.endTime('Performance');
```

Which function can the developer use to obtain the time spent by every one of the three functions?

- A. `console.timeLog()`
- B. `console.getTime()`
- C. `console.trace()`
- D. `console.timeStamp()`

**Answer:** A

### NEW QUESTION 12

Refer to the code below:

```
Let foodMenu1 =[ 'pizza', 'burger', 'French fries']; Let finalMenu = foodMenu1; finalMenu.push('Garlic bread');
```

What is the value of foodMenu1 after the code executes?

- A. ['pizza', 'Burger', 'French fires', 'Garlic bread']
- B. ['pizza', 'Burger', 'French fires']
- C. ['Garlic bread', 'pizza', 'Burger', 'French fires']
- D. ['Garlic bread']

Answer: B

#### NEW QUESTION 13

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);
```

```
}
```

```
}
```

```
01 let array = [1, 2, 3, 4, 4, 5, 4, 4];
02 for (let i=0; i < array.length; i++) {
03   if (array[i] === 4) {
04     array.splice(i, 1);
05     i--;
06   }
07 }
```

What is the value of the 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, 4, 5, 4]
- D. [1, 2, 3, 5]

Answer: C

#### NEW QUESTION 14

Refer to the code below:

```
01 const myFunction = arr => {
02   return arr.reduce((result, current) => {
03     return result + current;
04   }, 10);
05 }
```

What is the output of this function when called with an empty array?

- A. Returns 0
- B. Throws an error
- C. Returns 10
- D. Returns NaN

Answer: C

#### NEW QUESTION 17

developer creates a new web server that uses Node.js. It imports a server library that uses events and callbacks for handling server functionality.

The server library is imported with require and is made available to the code by a

variable named server. The developer wants to log any issues that the server has while booting up.

Given the code and the information the developer has, which code logs an error at boot with an event?

- A. Server.catch ((server) => { console.log('ERROR', error);});
- B. Server.error ((server) => { console.log('ERROR', error);});
- C. Server.on ('error', (error) => { console.log('ERROR', error);});
- D. Try{server.start();} catch(error) { console.log('ERROR', error);}

Answer: C

#### NEW QUESTION 21

Refer to code below:

```
Let productSKU = '8675309' ;
```

A developer has a requirement to generate SKU numbers that are always 19 characters long, starting with 'sku', and padded with zeros.

Which statement assigns the values sku0000000008675309 ?

- A. productSKU = productSKU .padStart (19. '0').padstart('sku');
- B. productSKU = productSKU .padEnd (16. '0').padstart('sku');
- C. productSKU = productSKU .padEnd (16. '0').padstart(19, 'sku');
- D. productSKU = productSKU .padStart (16. '0').padstart(19, 'sku');

Answer: D

**NEW QUESTION 22**

A developer has an ErrorHandler module that contains multiple functions. What kind of export be leverages so that multiple functions can be used?

- A. Named
- B. All
- C. Multi
- D. Default

**Answer:** A

**NEW QUESTION 23**

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 27**

The developer wants to test the array shown: const arr = Array(5).fill(0)

Which two tests are the most accurate for this array ? Choose 2 answers:

- A. console.assert( arr.length === 5 );
- B. arr.forEach(elem => console.assert(elem === 0)) ;
- C. console.assert(arr[0] === 0 && arr[ arr.length] === 0);
- D. console.assert (arr.length >0);

**Answer:** AB

**NEW QUESTION 32**

Refer to code below:

```
01 let first = 'Who';  
02 let second = 'What';  
03 try {  
04   try {  
05     throw new Error('Sad trombone');  
06   } catch (err) {  
07     first = 'Why';  
08   } finally {  
09     second = 'When';  
10   }  
11 } catch (err) {  
12   second = 'Where';  
13 }
```

What are the values for first and second once the code executes ?

- A. First is Who and second is When
- B. First is why and second is where
- C. First is who and second is where
- D. First is why and second is when

**Answer:** D

**NEW QUESTION 35**

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 38**

Refer to the code below: `console.log("start");`  
`Promise.resolve('Success') .then(function(value){`  
`console.log('Success');`  
`});`  
`console.log('End');`  
What is the output after the code executes successfully?

- A. EndStart Success
- B. StartSuccess End
- C. StartEnd Success
- D. Success Start End

**Answer: C**

**NEW QUESTION 39**

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 41**

A test has a dependency on `database.query`. During the test the dependency is replaced with an object called `database` with the method, `query`, that returns an array. The developer needs to verify how many times the method was called and the arguments used each time.  
Which two test approaches describe the requirement? Choose 2 answers

- A. Integration
- B. Black box
- C. White box
- D. Mocking

**Answer: CD**

**NEW QUESTION 43**

Refer to the code below:  
`Let inArray =[ [ 1, 2 ] , [ 3, 4, 5 ] ];`  
Which two statements result in the array `[1, 2, 3, 4, 5]` ?  
Choose 2 answers

- A. `[ ]. Concat.apply ([ ], inArray);`
- B. `[ ]. Concat (... inArray);`
- C. `[ ]. concat.apply(inArray, [ ]);`
- D. `[ ]. concat ( [ ...inArray ] );`

**Answer: AB**

**NEW QUESTION 47**

A developer wrote a fizzbuzz function that when passed in a number, returns the following:  
'Fizz' if the number is divisible by 3. 'Buzz' if the number is divisible by 5.  
'Fizzbuzz' if the number is divisible by both 3 and 5. Emptystring if the number is divisible by neither 3 or 5.  
Which two test cases will properly test scenarios for the fizzbuzz function? Choose 2 answers

- A. `let res = fizzbuzz(5); console.assert ( res === ' ' );`
- B. `let res = fizzbuzz(15);console.assert ( res === ' fizzbuzz ' )`
- C. `let res = fizzbuzz(Infinity); console.assert ( res === ' ' )`
- D. `let res = fizzbuzz(3); console.assert ( res === ' buzz ' )`

**Answer: BCD**

**NEW QUESTION 51**

Refer to the code below:  
`new Promise((resolve, reject) => { const fraction = Math.random();`  
`if( fraction >0.5) reject("fraction > 0.5, " + fraction); resolve(fraction);`  
`})`  
`.then(() =>console.log("resolved"))`  
`.catch((error) => console.error(error))`  
`.finally(() => console.log(" when am I called?"));`

```
new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  reject(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
0.024493713600408196 VM1560:7
when am I called? VM1560:8
Promise {<fulfilled>: undefined}
```

```
new Promise((resolve, reject) => {
  const fraction = Math.random();
  if( fraction >0.5) reject("fraction > 0.5, " + fraction);
  resolve(fraction);
})
.then(() =>console.log("resolved"))
.catch((error) => console.error(error))
.finally(() => console.log(" when am I called?"));
resolved VM1349:6
when am I called? VM1349:8
Promise {<fulfilled>: undefined}
```

When does Promise.finally on line 08 get called?

- A. When rejected
- B. When resolved and settled
- C. When resolved
- D. When resolved or rejected

Answer: D

**NEW QUESTION 53**

Why would a developer specify a package.json as a developed forge instead of a dependency ?

- A. It is required by the application in production.
- B. It is only needed for local development and testing.
- C. Other requiredpackages depend on it for development.
- D. It should be bundled when the package is published.

Answer: B

**NEW QUESTION 55**

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 56**

Which two console logs output NaN? Choose 2 answers | |

- A. console.log(10 / Number('5') ) ;
- B. console.log(parseInt ('two')) ;
- C. console.log(10 / 0);
- D. console.loeg(10 / 'five');

Answer: BD

**NEW QUESTION 59**

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 63**

Refer to the following code that performs a basic mathematical operation on a provided input:

```
function calculate(num) { Return (num +10) / 3;
}
```

How should line 02 be written to ensure that x evaluates to 6 in the line below? Let x = calculate (8);

- A. Return Number((num +10) /3 );
- B. Return (Number (num +10 ) / 3);
- C. Return Integer(num +10) /3;
- D. Return Number(num + 10) / 3;

**Answer: B**

**NEW QUESTION 68**

Refer to the code below:

```
01 function changeValue(param) {
02   param = 5;
03 }
04 let a = 10;
05 let b = a;
06
07 changeValue(b);
08 const result = a + ' - ' + b;
```

What is the value of result when the code executes?

- A. 10-10
- B. 5-5
- C. 10-5
- D. 5-10

**Answer: A**

**NEW QUESTION 71**

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 tools
- C. Browser JavaScript console
- D. On the webpage.

**Answer: C**

**NEW QUESTION 76**

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 scoped, 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 78**

Consider type coercion, what does the following expression evaluate to? True + 3 + '100' + null

- A. 104
- B. 4100
- C. '3100null'
- D. '4100null'

**Answer: D**

**NEW QUESTION 81**

Refer to the following array: Let arr = [ 1,2, 3, 4, 5];

Which three options result in x evaluating as [3, 4, 5] ? Choose 3 answers.

- A. Let x= arr.filter (( a ) => ( a<2));
- B. Let x=arr.splice(2,3);
- C. Let x= arr.slice(2);
- D. Let x= arr.filter((a) => ( return a>2 ));
- E. Let x = arr.slice(2,3);

**Answer:** BCD

#### NEW QUESTION 83

In which situation should a developer include a try .. catch block around their function call ?

- A. The function has an error that shouldnot be silenced.
- B. The function results in an out of memory issue.
- C. The function might raise a runtime error that needs to be handled.
- D. The function contains scheduled code.

**Answer:** C

#### NEW QUESTION 84

A developer has two ways to write a function: Option A:

```
function Monster() { This.growl = () => { Console.log ("Grr!");
}
}
```

Option B:

```
function Monster() {}; Monster.prototype.growl =() => { console.log("Grr!");
}
```

After deciding on an option, the developer creates 1000 monster objects. How many growl methods are created with Option AOption B?

- A. 1 growl method is created for Option
- B. 1000 growl methods are created for Option B.
- C. 1000 growl method is created for Option
- D. 1 growl methods are created for Option B.
- E. 1000 growl methods are created regardless of which option is used.
- F. 1 growl method is created regardless of which option is used.

**Answer:** B

#### NEW QUESTION 87

A developer is required to write a function that calculates the sum of elements in an array but is getting undefinedevery time the code is executed. The developer needs to find what is missing in the code below.

```
Const sumFunction = arr => {
Return arr.reduce((result, current) => {
//
Result += current;
//
}, 10);
};
```

Which option makes the code work as expected?

- A. Replace line 02 with return arr.map(( result, current) => (
- B. Replace line 04 with result = result +current;
- C. Replace line 03 with if(arr.length == 0 ) ( return 0; )
- D. Replace line 05 with return result;

**Answer:** D

#### NEW QUESTION 91

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 withbutton.addEventListener("onclick", function() {

Answer: A

### NEW QUESTION 93

What is the result of the code block?

```
flag();
anotherFlag();

function flag() {
  console.log('flag');
}

const anotherFlag = () => {
  console.log('another flag');
}
```

- A. The console logs only 'flag'.
- B. The console logs 'flag' and another flag.
- C. An error is thrown.
- D. The console logs 'flag' and then an error is thrown.

Answer: D

### NEW QUESTION 95

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 99

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 103

A developer has a web server running with Node.js. The command to start the web server is node server.js.  
The web server started having latency issues. Instead of a one second turnaround for web requests, the developer now sees a five second turnaround.  
Which command can the web developer run to see what the module is doing during the latency period?

- A. NODE\_DEBUG=true node server.js
- B. DEBUG=http, https node server.js
- C. NODE\_DEBUG=http,https node server.js
- D. DEBUG=true node server.js

Answer: D

### NEW QUESTION 104

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