

Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I

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NEW QUESTION 1

Refer to the code snippet:

```
01 function getAvailabilityMessage(item) {
02     if (getAvailability(item)) {
03         var msg = "Username available";
04     }
05     return msg;
06 }
```

A developer writes this code to return a message to user attempting to register a new username. If the username is available, variable. What is the return value of msg hen getAvailabilityMessage ("newUserName") is executed and getAvailability("newUserName") returns false?

- A. "Username available"
- B. "newUserName"
- C. "Msg is not defined"
- D. undefined

Answer: D

NEW QUESTION 2

Refer to the following code:

Let sampleText = 'The quick brown foxjumps';

A developer needs to determine if a certain substring is part of a string. Which three expressions return true for the given substring ?

Choose 3 answers

- A. sampleText.includes('fox');
- B. sampleText.includes(' quick ', 4);
- C. sampleText.includes('Fox ', 3)
- D. sampleText.includes(' fox ');
- E. sampleText.includes(' quick ') !== -1;

Answer: BDE

NEW QUESTION 3

A developer is wondering whether to use, Promise.then or Promise.catch, especially when a Promise throws an error?

Which two promises are rejected? Which 2 are correct?

- A. Promise.reject('cool error here').then(error => console.error(error));
- B. Promise.reject('cool error here').catch(error => console.error(error));
- C. New Promise((resolve, reject) => (throw 'cool error here')).catch(error => console.error(error)) ;
- D. New Promise(() => (throw 'cool error here')).then(null, error => console.error(error));

Answer: BC

NEW QUESTION 4

A developer is creating a simple webpage with a button. When a user clicks 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, use event.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 5

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 6

Refer to code below:

```
Function myFunction(reassign){
  Let x = 1;
  var y = 1;
  if( reassign ) {
  Let x= 2;
  Var y = 2;
  console.log(x);
  console.log(y);}
  console.log(x);
  console.log(y);}
```

What is displayed when myFunction(true) is called?

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

Answer: C

NEW QUESTION 7

Which function should a developer use to repeatedly execute code at a fixed interval ?

- A. setInterval
- B. setTimeout
- C. setPeriod
- D. setInteria

Answer: A

NEW QUESTION 8

Refer to the code:

```
01 function Vehicle(name, price) {
02   this.name = name;
03   this.price = price;
04 }
05 Vehicle.prototype.priceInfo = function () {
06   return 'Cost of the ${this.name} is ${this.price}$';
07 }
08 var ford = new Vehicle('Ford Fiesta', '20,000');
```

Given the requirement to refactor the code above to JavaScript class format, which class definition is correct?

A)

```
01 class Vehicle {
02   constructor(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

B)

```
01 class Vehicle {
02   vehicle(name, price) {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

C)

```
01 class Vehicle {
02   constructor(name, price) {
03     name = name;
04     price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

D)

```
01 class Vehicle {
02   constructor() {
03     this.name = name;
04     this.price = price;
05   }
06   priceInfo() {
07     return 'Cost of the ${this.name} is ${this.price}$';
08   }
09 }
```

A.

Answer: B

NEW QUESTION 9

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 10

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 10

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 13

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 16

A test has a dependency on `database.query`. During the test, the dependency is replaced with an object called `database` with the method, `Calculator.query`, that returns an array. The developer does not need to verify how many times the method has been called.

Which two test approaches describe the requirement? Choose 2 answers

- A. White box
- B. Stubbing
- C. Black box
- D. Substitution

Answer: AD

NEW QUESTION 19

Refer to the code below: `Let textValue = '1984';`

Which code assignment shows a correct way to convert this string to an integer?

- A. `let numberValue = Number(textValue);`
- B. `Let numberValue = (Number)textValue;`
- C. `Let numberValue = textValue.toInteger();`
- D. `Let numberValue = Integer(textValue);`

Answer: A

NEW QUESTION 24

Refer to the code below:

```
01 const exec = (item, delay) =>
02   new Promise(resolve => setTimeout(() => resolve(item), delay));
03
04 async function runParallel() {
05   const [result1, result2, result3] = await Promise.all(
06     [exec('x', '100'), exec('y', '500'), exec('z', '100')]
07   );
08   return 'parallel is done: ${result1}${result2}${result3}';
09 }
```

Which two statements correctly execute the runParallel () function? Choose 2 answers

- A. Async runParallel () .then(data);
- B. runParallel () . done(function(data){ return data;});
- C. runParallel () .then(data);
- D. runParallel () .then(function(data) return data

Answer: BD

NEW QUESTION 28

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 29

Refer to the code below? Let searchString = ‘ look for this ‘;

Which two options remove the whitespace from the beginning of searchString? Choose 2 answers

- A. searchString.trimEnd();
- B. searchString.trimStart();
- C. trimStart(searchString);
- D. searchString.replace(/^\s*/, “”);

Answer: BD

NEW QUESTION 30

Refer to the following code:

```
01 let obj = {
02   foo: 1,
03   bar: 2
04 }
05 let output = [];
06
07 for (let something in obj) {
08   output.push(something);
09 }
10
11 console.log(output);
```

What is the output line 11?

- A. [1,2]
- B. [“bar”,“foo”]
- C. [“foo”,“bar”]
- D. [“foo:1”,“bar:2”]

Answer: C

NEW QUESTION 33

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 35

A developer uses a parsed JSON string to work with user information as in the block below:

```
01 const userInfo = {  
02   "id": "user-01",  
03   "email": "user01@universalcontainers.demo",  
04   "age": 25  
}
```

Which two options access the email attribute in the object? Choose 2 answers

- A. userInfo("email")
- B. userInfo.get("email")
- C. userInfo.email
- D. userInfo(email)

Answer: AC

NEW QUESTION 40

```
Refer to code below: console.log(0);  
setTimeout(() => console.log(1));  
});  
console.log(2); setTimeout(() => { console.log(3);  
, 0);  
console.log(4);
```

In which sequence will the numbers be logged?

- A. 01234
- B. 02431
- C. 02413
- D. 13024

Answer: C

NEW QUESTION 41

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: class Post {  
// 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 43

Refer to the code:

```
01 function Animal(size, type) {  
02   this.size = size || 'small';  
03   this.type = type || 'Animal';  
04   this.canTalk = false;  
05 }  
06  
07 let Pet = function(size, type, name, owner) {  
08   Animal.call(this, size, type);  
09   this.name = name;  
10   this.owner = owner;  
11 }  
12  
13 Pet.prototype = Object.create(Animal.prototype);  
14 let pet1 = new Pet();
```

Given the code above, which three properties are set pet1? Choose 3 answers:

- A. Name
- B. canTalk
- C. Type
- D. Owner

E. Size

Answer: BCE

NEW QUESTION 45

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 49

A developer implements and calls the following code when an application state change occurs: Const onStateChange =innerPageState) => { window.history.pushState(newPageState, ' ', null); }

If the back button is clicked after this method is executed, what can a developer expect?

- A. A navigate event is fired with a state property that details the previous application state.
- B. The page is navigated away from and the previous page in the browser's history is loaded.
- C. The page reloads and all Javascript is reinitialized.
- D. A popstate event is fired with a state property that details the application's last state.

Answer: B

NEW QUESTION 50

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 52

Given the code below:

```
01 function GameConsole(name) {
02   this.name = name;
03 }
04
05 GameConsole.prototype.load = function(gamename) {
06   console.log(`${this.name} is loading a game: ${gamename}...`);
07 }
08
09 function Console16bit(name) {
10   GameConsole.call(this, name);
11 }
12
13 Console16bit.prototype = Object.create(GameConsole.prototype);
14
15 //insert code here
16   console.log(`${this.name} is loading a cartridge game: ${gamename}...`);
17 }
18
19 const console16bit = new Console16bit('SNEGeneziz');
20 console16bit.load('Super Monic 3x Force');
```

What should a developer insert at line 15 to output the following message using the method ?

> SNEGeneziz is loading a cartridgegame: Super Monic 3x Force . . .

- A. Console16bit.prototype.load(gamename) = function() {
- B. Console16bit.prototype.load = function(gamename) {

- C. `Console16bit = Object.create(GameConsole.prototype).load = function (gamename) {`
D. `Console16bit.prototype.load(gamename) {`

Answer: B

NEW QUESTION 55

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 required packages depend on it for development.
D. It should be bundled when the package is published.

Answer: B

NEW QUESTION 60

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 63

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 66

A developer has code that calculates a restaurant bill, but generates incorrectanswers 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 70

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 71

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 73

Given code below: `setTimeout (() => (console.log(1);
) . 0);
console.log(2);
New Promise ((resolve, reject)) => (setTimeout(() => (reject(console.log(3));
) . 1000);
) . catch(() => (console.log(4);
));
console.log(5);`
What is logged to the console?

- A. 2 1 4 3 5
- B. 2 5 13 4
- C. 1 2 4 3 5
- D. 1 2 5 3 4

Answer: B

NEW QUESTION 78

Refer to the following code that imports a module named utils:

```
01 import {foo,bar} from '/path/Utils.js';
02 foo();
03 bar();
```

Which two implementations of Utils.js export foo and bar such that the code above runs without error?
Choose 2 answers

- A.

```
//FooUtils.js and BarUtils.js exist
import {foo} from '/path/FooUtils.js';
import {bar} from '/path/BarUtils.js';
export {foo, bar}
```
- B.

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export {foo, bar}
```
- C.

```
export default class {
  foo() { return 'foo'; }
  bar() { return 'bar'; }
}
```
- D.

```
const foo = () => { return 'foo'; }
const bar = () => { return 'bar'; }
export default foo, bar;
```

Answer: BC

NEW QUESTION 82

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 fuctions 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 84

Which two code snippets show working examples of a recursive function? Choose 2 answers

- A. `Let countingDown = function(startNumber) { If (startNumber >0) { console.log(startNumber) ;return countingDown(startNUmber);} else {return startNumber;}};`
- B. `Function factorial (numVar) { If (numVar < 0) return;if (numVar === 0) return 1; return numVar -1;`

- C. Const sumToTen = numVar => { If (numVar < 0)Return;return sumToTen(numVar + 1)};
- D. Const factorial =numVar => { If(numVar < 0) return;if (numVar === 0) return 1;return numVar * factorial (numVar - 1)};

Answer: AD

NEW QUESTION 88

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 92

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