Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I

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NEW QUESTION 1
Refer to the code below:
```
<html lang="en">
<table onclick="console.log(Table log');">
<tr id="row1">
<td>Click me!</td>
</tr>
<table>
<script>
function printMessage(event) { console.log('Row log');
}
Let elem = document.getElementById('row1'); elem.addEventListener('click', printMessage, false);
</script>
</html>
```
Which code change should be made for the console to log only Rowlog when 'Click me! ' is clicked?

A. Add.event.stopPropagation(); to window.onLoad event handler.
B. Add event.stopPropagation(); to printMessage function.
C. Add event.removeEventListener(); to window.onLoad event handler.
D. Addevent.removeEventListener(); toprintMessage function.

Answer: B

NEW QUESTION 2
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 userattempting 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 3
Refer to the code below:
```
01 let 0 = {
02    get js() {
03       let city1 = String('St.Louis');
04       let city2 = String('New York');
05
06       return {
07          firstCity: city1.toLowerCase(),
08          secondCity: city2.toLowerCase(),
09       }
10    }
11 }
```
What value can a developer expect when referencing o.js.secondCity?

A. Undefined
B. ' new york '
C. ' New York '
D. An error

Answer: B

NEW QUESTION 4
Refer to the code below: Let str = 'javascript'; Str[0] = 'J';
Str[4] = 'S';
After changing the string index values, the value of str is 'javascript'. What is the reason for this value:

A. Non-primitive values are mutable.
B. Non-primitive values are immutable.
C. Primitive values are mutable.

D. Primitive values are immutable.

Answer: D

NEW QUESTION 5
A developer creates an object where its properties should be immutable and prevent properties from being added or modified.
Which method shouldbe used to execute this business requirement ?

A. Object.const()
B. Object.eval()
C. Object.lock()
D. Object.freeze()

Answer: D

NEW QUESTION 6
Which three browser specific APIs are available for developers to persist data between page loads ? Choose 3 answers

A. IIFEs
B. indexedDB
C. Global variables
D. Cookies
E. localStorage.

Answer: ABE

NEW QUESTION 7
A developer is setting up a new Node.js server with a client library that is built using events and callbacks. The library:
* Will establish aweb socket connection and handle receipt of messages to the server
* Will be imported with require, and made available with a variable called we.
The developer also wants to add error logging if a connection fails.
Given this info, which code segment shows the correct way to set up a client with two events that listen at execution time?

A.
```
04 ws.connect(() => {
05   console.log('Connected to client');
06 }).catch((error) => {
07   console.log('ERROR', error);
08 });
```

B.
```
04 ws.on('connect', () => {
05   console.log('Connected to client');
06
07   ws.on('error', (error) => {
08     console.log('ERROR', error);
09   });
10 });
```

C.
```
04 ws.on('connect', () => {
05   console.log('Connected to client');
06 });
07
08 ws.on('error', (error) => {
09   console.log('ERROR', error);
10 });
```

D.
```
04 try {
05   ws.connect(() => {
06     console.log('Connected to client');
07   });
08 } catch(error) {
09   console.log('ERROR', error);
10 }
```

Answer: C

NEW QUESTION 8
Giventhe code below:
const copy = JSON.stringify([new String(' false '), new Bollean(false), undefined]); What is the value of copy?

A. -- [\"false\" , { }]-

B. -- [false, { }]-
C. -- [\"false\" , false, undefined]-
D. -- [\"false\" ,false, null]-

Answer: D

NEW QUESTION 9
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 notneed 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 10
developer publishes a new version of a package with new features that do not break backward compatibility. The previous version number was 1.1.3.
Following semantic versioning format, what should the new package version number be?

A. 2.0.0
B. 1.2.3
C. 1.1.4
D. 1.2.0

Answer: D

NEW QUESTION 10
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 14
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, UCdecides 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 existingsetTimeout 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 timeId of the setTimeout last enqueued by the search string change handle.

Answer: ABC

NEW QUESTION 19
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 22
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 .queryElementById('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 23
Refer to the code below:

```
const searchText = 'Yay! Salesforce is amazing!';

let result1 = searchText.search(/sales/i);
let result2 = searchText.search(/sales/);

console.log(result1);
console.log(result2);
```

After running this code, which result is displayed on the console?

A. > true > false
B. > 5 >undefined
C. > 5 > -1
D. >5 > 0

Answer: B

Explanation:

```
1    import 'bootstrap@4.6.0'
2    import $ from 'jquery'
3
4    const searchText = 'Yay! Salesforce is amazing!';
5
6    let result1 = searchText.search(/sales/i);
7    let result2 = searchText.search(/sales/);
8
9    console.log(result1);
10   console.log(result2);
```

```
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5
5
```

NEW QUESTION 27
Given the following code:
document.body.addEventListener(' click ', (event) => { if (/* CODE REPLACEMENT HERE */) {
console.log('button clicked!');
)
});
Which replacement for the conditional statement on line 02 allows a developer to correctly determine that a button on page is clicked?

A. Event.clicked
B. e.nodeTarget ==this
C. event.target.nodeName == 'BUTTON'
D. button.addEventListener('click')

Answer: C

NEW QUESTION 32
Refer to following code: class Vehicle { constructor(plate) { This.plate =plate;
}
}
Class Truck extends Vehicle { constructor(plate, weight) {
//Missing code This.weight = weight;
}
displayWeight() {
console.log('Thetruck ${this.plate} has a weight of ${this.weight} lb.');}} Let myTruck = new Truck('123AB', 5000);
myTruck.displayWeight();
Which statement should be added to line 09 for the code to display 'The truck 123AB has a weight of 5000lb.'?

A. Super.plate =plate;
B. super(plate);
C. This.plate =plate;
D. Vehicle.plate = plate;

Answer: B

NEW QUESTION 34
Considering type coercion, what does the following expression evaluate to? True + '13' + NaN

A. ' 113Nan '
B. 14
C. ' true13 '
D. ' true13NaN '

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 instanceof 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 36
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 3answers:

A. Name
B. canTalk
C. Type
D. Owner
E. Size

Answer: BCE

NEW QUESTION 41
Refer to the code below:
for(let number =2 ; number <= 5 ; number += 1) {
// insert code statement here
}
Thedeveloper needs to insert a code statement in the location shown. The code statement has these requirements:
* 1. Does require an import
* 2. Logs an error when the boolean statement evaluates to false
* 3. Works in both the browser and Node.js
Which meet the requirements?

A. assert (number % 2 === 0);
B. console.error(number % 2 === 0);
C. console.debug(number % 2 === 0);
D. console.assert(number % 2 === 0);

Answer: B

NEW QUESTION 46
A developer has an ErrorHandler module that contains multiple functions. What kind of export be leverages sothat multiple functions can be used?

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

Answer: A

NEW QUESTION 50
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 55
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 56
is below:
<input type="file" onchange="previewFile()">
 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 61
The developer has a function that prints "Hello" to an input name. To test this, the developer created a function that returns "World". However the following snippet does not print " Hello World".

```
const sayHello = (name) => {
    console.log("Hello" , name());};

    .

    const world = () => {
    return "world";
    };

    sayHello(world);
```

What can the developer do to change the code to print "Hello World" ?

A. Changeline 7 to) () ;
B. Change line 2 to console.log('Hello' , name());
C. Change line 9 to sayHello(world) ();
D. Change line 5 to function world ( ) {

Answer: B

NEW QUESTION 63
A developer wants to create an object from a function in the browser using the code below:

Function Monster() { this.name ='hello' }; Const z = Monster();
What happens due to lack of the new keyword on line 02?

A. The z variable is assigned the correct object.
B. The z variable is assigned the correct object but this.name remains undefined.
C. Window.name is assigned to 'hello' and the variable z remains undefined.
D. Window.m is assigned the correct object.

Answer: C

NEW QUESTION 67
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
A developer is working on an ecommerce website where the delivery date is dynamically calculated based on the current day. The code line below is responsible for this calculation. Const deliveryDate = new Date ();
Due to changes in the business requirements, the delivery date must now be today's date + 9 days.
Which code meets thisnew requirement?

A. deliveryDate.setDate((new Date ( )).getDate () +9);
B. deliveryDate.setDate(Date.current () + 9);
C. deliveryDate.date = new Date(+9) ;
D. deliveryDate.date = Date.current () + 9;

Answer: A

NEW QUESTION 77
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 79
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 thatx 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 80
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 83
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 87
Which two console logs outputs NaN? Choose 2 answers

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

Answer: BC

NEW QUESTION 90
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.getElementByName('input');
C. Replace line 02 with button.addCallback("click", function() {
D. Replace line 02 withbutton.addEventListener("onclick", function() {

Answer: A

NEW QUESTION 92
Given the following code: Counter = 0;
const logCounter = () => { console.log(counter);
);
logCounter(); setTimeout(logCOunter, 1100); setInterval(() => {
Counter++ logCounter();
}, 1000);
What is logged by the first four log statements?

A. 0 0 1 2
B. 0 1 2 3
C. 0 1 1 2
D. 0 1 2 2

Answer: C

NEW QUESTION 96
A developer implements a function that adds a few values.

```
01 function sum(num) {
02   if (num === undefined) {
03     num = 0;
04   }
05   return function(num2, num3) {
06     if (num3 === undefined) {
07       num3 = 0;
08     }
09     return num + num2 + num3;
10   }
11 }
```

Which three options can the developer invoke for this function to get a return value of 10 ? Choose 3 answers

A. Sum () (20)
B. Sum (5, 5) ()
C. sum() (5, 5)
D. sum(5)(5)
E. sum(10) ()

Answer: CD

NEW QUESTION 98
Given the JavaScript below:
1 function filterDOM (searchString) {
2 const parsedSearchString = searchString && searchString.toLowerCase() ;
03 document.quesrySelectorAll(' .account') . forEach(account => (
04 const accountName = account.innerHTML.toLOwerCase();
05 account. Style.display = accountName.includes(parsedSearchString) ? /*Insert code*/;
06)};
07 }
Which code should replace the placeholder comment on line 05 to hide accounts that do not match thesearch string?

A. ' name ' : ' block '
B. ' Block ' : ' none '
C. ' visible ' : ' hidden '
D. ' hidden ' : ' visible '

Answer: B

NEW QUESTION 101
In the browser, the window object is often used to assign variables that require the broadest scope in an application Node.js application does not have access to the window object by default.
Which two methods are used to address this ? Choose 2 answers

A. Use the document object instead of the window object.
B. Assign variables to the global object.
C. Create a new window object in the root file.
D. Assign variablesto module.exports and require them as needed.

Answer: B

NEW QUESTION 103
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