

Salesforce

Exam Questions JavaScript-Developer-I

Salesforce Certified JavaScript Developer I



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 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 4

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 5

A developer receives a comment from the Tech Lead that the code given below has error:

```
const monthName = 'July'; const year = 2019;
if(year === 2019) { monthName = 'June';
}
}
```

Which line edit should be made to make this code run?

- A. 01 let monthName ='July';

- B. 02 let year =2019;
- C. 02 const year = 2020;
- D. 03 if (year == 2019) {

Answer: A

NEW QUESTION 6

A developer at Universal Containers creates a new landing page based on HTML, CSS, and JavaScript TO ensure that visitors have a good experience, a script named personalizeContext needs to be executed when the webpage is fully loaded (HTML content and all related files), in order to do some custom initialization. Which statement should be used to call personalizeWebsiteContent based on the above business requirement?

- A. document.addEventListener("DOMContentLoaded', personalizeWebsiteContext);
- B. window.addEventListener('load',personalizeWebsiteContext);
- C. window.addEventListener('onload', personalizeWebsiteContext);
- D. Document.addEventListener("DOMContentLoaded' , personalizeWebsiteContext);

Answer: B

NEW QUESTION 7

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 8

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 9

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 10

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 10

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 a web 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 11

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 15

developer is trying to convince management that their team will benefit from using Node.js for a backend server that they are going to create. The server will be a web server that handles API requests from a website that the team has already built using HTML, CSS, and JavaScript.

Which three benefits of Node.js can the developer use to persuade their manager? Choose 3 answers:

- A. Installs with its own package manager to install and manage third-party libraries.
- B. Ensures stability with one major release every few years.
- C. Performs a static analysis on code before execution to look for runtime errors.
- D. Executes server-side JavaScript code to avoid learning a new language.
- E. User non blocking functionality for performant request handling .

Answer: ACE

NEW QUESTION 18

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 21

Refer to the code below:

```
const event = new CustomEvent(
//Missing Code
);
obj.dispatchEvent(event);
```

A developer needs to dispatch a custom event called update to send information about recordId.

Which two options could a developer insert at the placeholder in line 02 to achieve this? Choose 2 answers

- A. 'Update', (recordId : '123abc' (
- B. 'Update', '123abc'
- C. { type : 'update', recordId : '123abc' }
- D. 'Update', { Details : { recordId : '123abc'}}

Answer: AD

NEW QUESTION 22

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 25

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 30

Refer to the HTML below:

```
<div id="main">
<ul>
<li>Leo</li>
<li>Tony</li>
<li>Tiger</li>
</ul>
</div>
```

Which JavaScript statement results in changing " Tony" to "Mr. T."?

- A. `document.querySelectorAll('$main $TONY').innerHTML = ' M`
- B. `;`
- C. `document.querySelector('$main li:second-child').innerHTML = ' M`
- D. `;`
- E. `document.querySelector('$main li.Tony').innerHTML = ' M`
- F. `;`
- G. `document.querySelector('$main li:nth-child(2)'),innerHTML = ' M`
- H. `;`

Answer: D

NEW QUESTION 31

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 34

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 36

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 40

Given the code below:

`const copy = JSON.stringify([new String(' false '), new Boolean(false), undefined])`; What is the value of copy?

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

Answer: D

NEW QUESTION 43

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 47

A developer writes the code below to calculate the factorial of a given number.

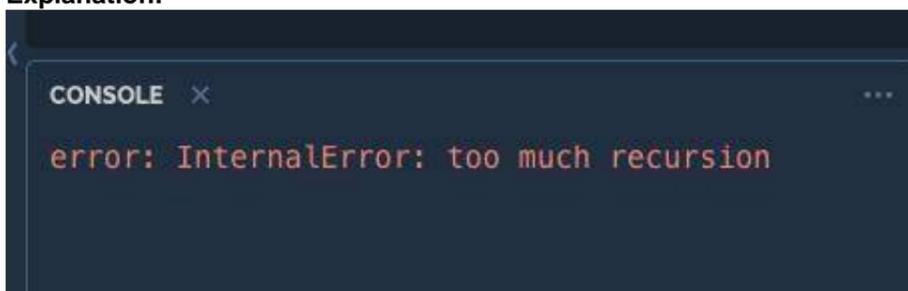
```
01 function factorial(number) {
02   return number * factorial(number - 1);
03 }
04 factorial(3);
```

What is the result of executing line 04?

- A. 6
- B. -Infinity
- C. RuntimeError

Answer: D

Explanation:



NEW QUESTION 52

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 54

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 55

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 56

Refer to the code below: `FunctionPerson(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 codeexecutes?

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

Answer: D

NEW QUESTION 59

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 timeld of the setTimeout last enqueued by the search string change handle.

Answer: ABC

NEW QUESTION 61

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 CContainers row ?

- A. `Document.querySelector('#row-uc').classes.push('priority-account');`
- B. `Document .querySelectorById('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 65

Universal Containers recently launched its new landing page to host a crowd-funding campaign. The page uses an external library to display some third-party ads. Once the page is fully loaded, it creates more than 50 new HTML items placed randomly inside the DOM, like the one in the code below:

```
<!-- This is an ad -->
<div class="ad-library-item ad-hidden" onload="myFunction()">
  
</div>
```

All the elements includes the same ad-library-item class, They are hidden by default, and they are randomly displayed while the user navigates through the page.

- A. Use the DOM inspector to prevent the load event to be fired.
- B. Use the browser to execute a script that removes all the element containing the class ad-library-item.
- C. Use the DOM inspector to remove all the elements containing the class ad-library-item.
- D. Use the browser console to execute a script that prevents the load event to be fired.

Answer: B

NEW QUESTION 66

Refer to the code below: function changeValue(param) { Param =5; }

Let a =10;
 Let b =5; changeValue(b);
 Const result = a+ " - "+ b;

What is the value of result when code executes?

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

Answer: A

NEW QUESTION 69

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 70

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);

```



NEW QUESTION 75

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 80

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 81

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 85

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 90

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 93

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 97

Refer to the code below:

```

for(let number =2 ; number <= 5 ; number += 1 ) {
// insert code statement here
}

```

The developer 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 102

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 106

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 109

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 110

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 113

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 117

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 andsecond is when

Answer: D

NEW QUESTION 121

Which codestatement below correctly persists an objects in local Storage ?

- A. `const setLocalStorage = (storageKey, jsObject) => { window.localStorage.setItem(storageKey, JSON.stringify(jsObject));}`
- B. `const setLocalStorage = (jsObject) => { window.localStorage.connectObject(jsObject);}`
- C. `const setLocalStorage = (jsObject) => { window.localStorage.setItem(jsObject);}`
- D. `const setLocalStorage = (storageKey, jsObject) => { window.localStorage.persist(storageKey, jsObject);}`

Answer: A

NEW QUESTION 125

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 126

Refer to the code below: `Function changeValue(obj) { Obj.value =obj.value/2; }`
`Const objA = (value: 10);`
`Const objB = objA; changeValue(objB); Const result = objA.value;`
 What is the value of `result` after the code executes?

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

Answer: C

NEW QUESTION 127

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 128

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:

```
Const button = document.querySelector('button'); button.addEventListener('click', () => (
```

```
Const input = document.querySelector('input'); console.log(input.getAttribute('value'));
```

When the user clicks the button, the output is always "Hello". What needs to be done 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.addEventListener("onclick", function() {`
- D. Replace line 02 with `button.addCallback("click", function() {`

Answer: A

NEW QUESTION 131

Refer to the following code:

```
01 function test(val) {
02   if (val === undefined) {
03     return 'Undefined value!';
04   }
05   if (val === null) {
06     return 'Null value!';
07   }
08   return val;
09 }
10
11 let x;
12
13 test(x);
```

What is returned by the function call on line 13?

- A. Undefined
- B. Line 13 throws an error.
- C. 'Undefined values!'
- D. 'Null value!'

Answer: A

NEW QUESTION 136

Refer to the code below:

```
Const resolveAfterMilliseconds = (ms) => Promise.resolve ( setTimeout (( => console.log(ms), ms ));  
Const aPromise = await resolveAfterMilliseconds(500); Const bPromise = await resolveAfterMilliseconds(500); Await aPromise, wait bPromise;  
What is the result of runningline 05?
```

- A. aPromise and bPromise run sequentially.
- B. Neither aPromise or bPromise runs.
- C. aPromise and bPromise run in parallel.
- D. Only aPromise runs.

Answer: B

NEW QUESTION 138

Which statement accurately describes the behaviour of the async/ await keywords ?

- A. The associated class contains some asynchronous functions.
- B. The associated function will always return a promise
- C. The associated function can only be called via asynchronous methods
- D. The associated sometimes returns a promise.

Answer: B

NEW QUESTION 141

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 144

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 it useful 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 scope
- 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 149

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 154

Given a value, which three options can a developer use to detect if the value is NaN? Choose 3 answers !

- A. value == NaN
- B. Object.is(value, NaN)
- C. value === Number.NaN
- D. value !== value
- E. Number.isNaN(value)

Answer: AE

NEW QUESTION 159

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 160

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 161

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 164

A developer is debugging a web server that uses Node.js The server hits a runtimeerror every third request to an important endpoint on the web server. The developer added a break point to the start script, that is at index.js at the root of the server's source code. The developer wants to make use of chrome DevTools to debug. Which command can be run to access DevTools and make sure the breakpoint is hit ?

- A. node -i index.js
- B. Node --inspect-brk index.js
- C. Node inspect index.js
- D. Node --inspect index.js

Answer: D

NEW QUESTION 165

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 169

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 A Option 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 172

A developer is required to write a function that calculates the sum of elements in an array but is getting undefined every 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 174

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 175

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 180

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 183

Given the JavaScript below:

```

1 function filterDOM (searchString) {
2   const parsedSearchString = searchString && searchString.toLowerCase();
3   document.querySelectorAll('.account') .forEach(account => (
4     const accountName = account.innerHTML.toLowerCase();
5     account. style.display = accountName.includes(parsedSearchString) ? /*Insert code*/;
6   ));
7 }

```

Which code should replace the placeholder comment on line 05 to hide accounts that do not match the search string?

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

Answer: B

NEW QUESTION 185

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 190

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 variables to module.exports and require them as needed.

Answer: B

NEW QUESTION 191

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 195

A developer wants to define a function log to be used a few times on a single-file JavaScript script.

```
01 // Line 1 replacement
02 console.log("LOG:", logInput);
03 }
```

Which two options can correctly replace line 01 and declare the function for use? Choose 2 answers

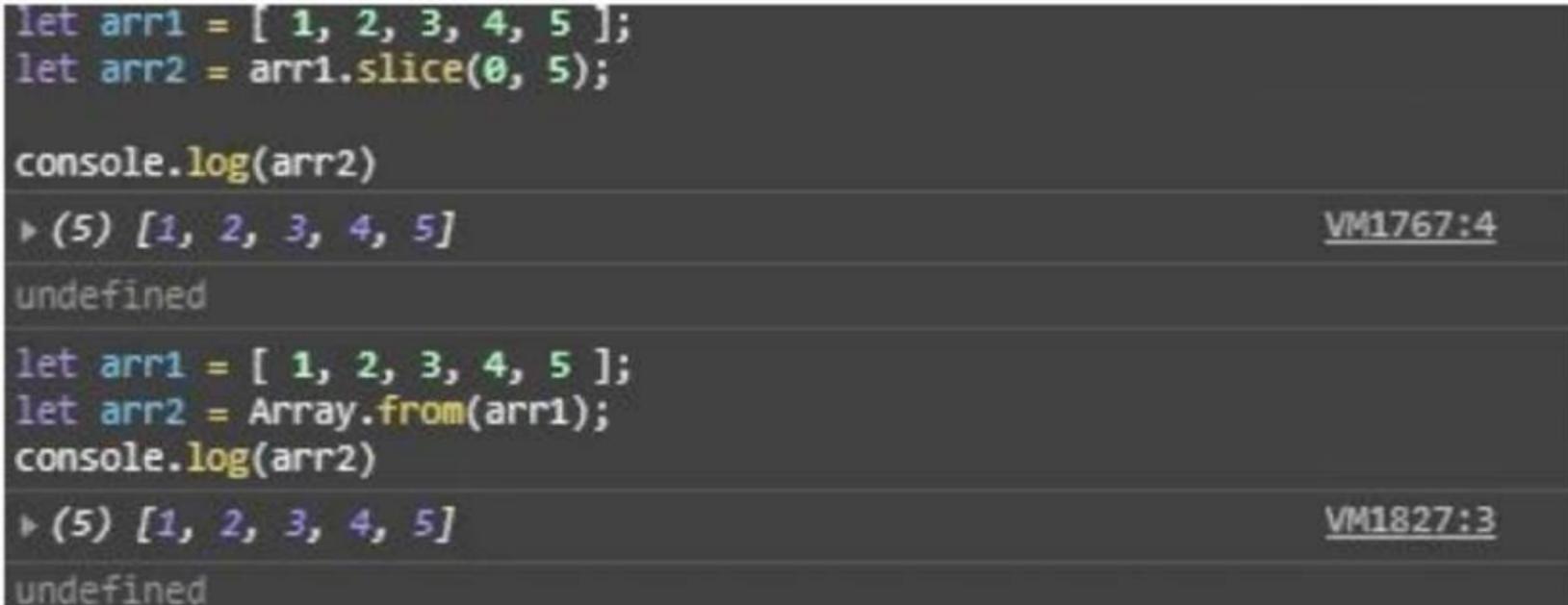
- A. function leg(logInput) {
- B. const log(loginInput) {
- C. const log = (logInput) => {
- D. function log = (logInput) {

Answer: AC

NEW QUESTION 200

Refer to the following array:

Let arr1 = [1, 2, 3, 4, 5];



```
let arr1 = [ 1, 2, 3, 4, 5 ];
let arr2 = arr1.slice(0, 5);

console.log(arr2)
▶ (5) [1, 2, 3, 4, 5] VM1767:4
undefined

let arr1 = [ 1, 2, 3, 4, 5 ];
let arr2 = Array.from(arr1);
console.log(arr2)
▶ (5) [1, 2, 3, 4, 5] VM1827:3
undefined
```

Which two lines of code result in a second array, arr2 being created such that arr2 is not a reference to arr1?

- A. Let arr2 = arr1.slice(0, 5);
- B. Let arr2 = Array.from(arr1);
- C. Let arr2 = arr1;
- D. Let arr2 = arr1.sort();

Answer: AB

NEW QUESTION 204

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 206

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 209

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