SP21 JavaScripts Set 3

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

3.   Which statement accurately describes an aspect of promises?
    A. In a.then() function, returning results is not necessary since callbacks will catch the result of a previous promise.
    B. .then() cannot be added after a catch.
    C. **Arguments for the callback function passed to .then() are optional.**
    D. .then() manipulates and returns the original promise.

Answer: C

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

Which two promises are rejected?

A. Promise.reject('cool error here').then(error => console.error(error));
B. **New Promise(() => (throw 'cool error here'}).then(null, error => console.error(error)));**

C. **New Promise((resolve, reject) => (throw 'cool error here'}).catch(error => console.error(error));**
D. Promise.reject('cool error here').catch(error => console.error(error));

Answer: C, D

5.   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

personaliseContext 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. window.addEventListener('load',personalizeWebsiteContext);
     B. document.addEventListener(''onDOMContextLoaded', personalizeWebsiteContext);
     C. window.addEventListener('onload', personalizeWebsiteContext);
     D. Document.addEventListener('''DOMContextLoaded' , personalizeWebsiteContext);

Answer: A

6.   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 = Integer(textValue);
   B. Let numberValue = textValue.toInteger();
   C. Let numberValue = (Number)textValue;
   D. Let numberValue = Number(textValue);

Answer: D

7.   Refer to code below:
     Let productSKU = '8675309' ;

A developer has a requirement to generate SKU numbers that are always 19 characters lon, 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

8.   Given the following code:

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

What is the output of the line 02?

   A. **" object "**
   B. " x "
   C. " undefined "
   D. " null
" Answer: A

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

```
Function Person() {
        this.firstName = "John";
        this.lastName = 'Doe';
        This.name =() => (
                console.log('Hello $(this.firstName) $(this.firstName)');
        )}
        Const john = new Person ();
        Const dan = JSON.parse(JSON.stringify(john));
        dan.firstName ='Dan';
        dan.name();
```

What is the Output of the code execution?

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

Answer: A

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. ws.connect (( ) => {
   console.log('connected to client');
   }).catch((error) => {
   console.log('ERROR' , error);
   }};
B. ws.on ('connect', ( ) => {
   console.log('connected to client');
   ws.on('error', (error) => {
   console.log('ERROR' , error);
   });
   });
C. ws.on ('connect', ( ) => {
   console.log('connected to client');
   }};
   ws.on('error', (error) => {
   console.log('ERROR' , error);

   }};

D. try{
   ws.connect (( ) => {
   console.log('connected to client');
   });
   } catch(error) {
   console.log('ERROR' , error);
   };
}

ANSWER: C

11.   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);

```
            }
        }
```

What is the value of array after the code executes?

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

```
let array = [1, 2, 3, 4, 4, 5, 4, 4];
for (let i =0; i < array.length; i++){
if (array[i] === 4) {
array.splice(i, 1);
}
}
console.log(array)
▶ (6) [1, 2, 3, 4, 5, 4]                                    VM1963:7
undefined
```

Answer: D

12.   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 instanceof a Post with the three attributes correctly populated?

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

Answer: A

13.   Refer to HTML below:

<p> The current status of an Order: In Progress </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

14.   A developer wants to leverage a module to print a price in pretty format, and has imported a method as shown below:

Import printPrice from '/path/PricePrettyPrint.js';

Based on the code, what must be true about the printPrice function of the PricePrettyPrint module for this import to work ?

A. **printPrice must be be a named export**
B. printPrice must be an all export
C. printPrice must be the default export
D. printPrice must be a multi export

Answer: C

15.   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:A, C(c option doubt)

16.   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 1 2 3
B. 0 1 2 2
C. 0 1 1 2
D. 0 0 1 2

Answers: C

17.   A test has a dependency on database.query. During the test the dependency is replaces 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. Black box
B. Integration
C. White   box
D. Mocking

Answer:C D

18. 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.addEvenListener('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 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 with button.addEventListener("onclick", function() {

Answer: A

19. The developer wants to test this code:

Const toNumber =(strOrNum) => strOrNum;

Which two tests are most accurate for this code?

Choose 2 answers

A. console.assert(toNumber('2') === 2);

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

Answer: A,C

20.   A developer implements a function that adds a few values.

```
Function sum(num) {
If (num == undefined) {
Num =0;
}
Return function( num2, num3){ If
(num3 === undefined) { Num3
=0 ;
}
Return num + num2 + num3;
}
}
```

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: C, D

21.   Refer to the code:

```
Function Animal(size, type){

this.type = type () 'Animal';
this.canTalk =false;}
Let Pet = function(size, type, name, owner){
        Animal.call(this, size, type); this.name
        = name;
```

```
                    this.owner = owner;
              this.size = small;
              }
              Pet.prototype = object.create(Animal.prototype); Let
              pet1 = new Pet();
```

Given the code above, which three properties are set pet1?

Choose 3 answers:

A. **canTalk**
B. Speak
C. **Name**
D. Owner
E. **Type**

Answer: A,C,E

22.   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

23.   Given the code below:

const copy = JSON.stringify([new String(' false '), new Bollean(false), undefined]); What

is the value of copy?

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

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

Answer: C

24.   Refer to the code below:

```
let sayHello = () => {
Console.log ('Hello, world!');
};
```

Which code executes sayHello once, two minutes from now?

A. setTimeout(sayHello, 12000);
B. setInterval(sayHello, 12000);
C. setTimeout(sayHello, 12000);
D. delay(sayHello, 12000);

Answer:

25.   Refer to the code below:

```
flag();
anotherFlag();

Function flag() { Console.log
('another flag');

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

What is the result of the code block?

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:

26.   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         function Console 16 Bit (name) {
09                 GameConsole.call(this, name) ;
10         }
11         console16bit.prototype = Object.create ( GameConsole.prototype) ;
12         //insert code here
13         console.log( ` $(this.name) is loading a cartridge game : $(gamename)
…`);
14         }
15         const console16bit = new Console16bit(' SNEGeneziz ');
16         console16bit.load(' Super Nonic 3x Force ');
```

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

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

A. Console16bit = Object.create(GameConsole.prototype),load = function
(gamename) {
B. **Console16bit.prototype.load = function(gamename)**
C. Console16bit.prototype.load(gamename) {
D. (Console16bit.prototype.load(gamename) = function() {

Answer: B

27. **Set 2 51 question**

28. **Set 2 13 question**

29.   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

30. Set 2 question 38

31. Set 1 question 43

32. 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 running line 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

33. Refer to the code below:

Const searchTest = 'Yay! Salesforce is amazing!" ;

Let result1 = searchText.search(/sales/i); Let
result 21 = searchText.search(/sales/i);

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

```
> const searchText = "Yay! Salesforce is amazing!" ;

  let result1 = searchText.search(/sales/i);
  let result21 = searchText.search(/sales/i);

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

  5                                                    VM3465:6
⊗ ▶Uncaught ReferenceError: result2 is not defined    VM3465:7
      at <anonymous>:7:13
```

ANSWER: B

34.   Why would a developer specify a package.jason 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

35.   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 ="myFuntion()">
<img src=" /ad-library/ad01.gif "/>
</div>
```

All the elements include the same ad-library-item class. They are hidden by default, and they are randomly displayed while the user navigates through the page.
Tired of all ads, what can the developer do to temporarily and quickly remove them?

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

ANSWER: A
36. Set 1 Question 5

37.   Refer to the code below:
```
let o = {
get js() {
let city1 = String("st. Louis"); let
city2 = String(" New York");

return {
firstCity: city1.toLowerCase(),
secondCity: city2.toLowerCase(),
}
}
}
```
What value can a developer expect when referencing o.js.secondCity?

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

Answer: B
38. NOt found

39.   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.

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

Answer: B

41. Set 1 11 question

42.   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: A,B,E

43.   Refer to the code below:

```
Const myFunction = arr => {
        Return arr.reduce((result, current) =>{
Return result = current;
}, 10};
}
```

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

44.   Set 2 question 20
45.   Set 2 question 56
46.   Set 2 question 45
48.   Set 1 question 4

49.   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

50. 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: B,C,D

51. Refer to code below:

```
Const objBook = {

Title: 'Javascript',
};
        Object.preventExtensions(objBook);
        Const newObjBook = 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

52. Set 1 question 56
53. Set 1 question 1

55. 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

56. Set 1 question 24
57. Set 2 question 48
58. Set 1 question 33
59. Set 1 question 49
60. Set 1 question 32

61. 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:

62. Refer to the expression below:

Let x = ('1' + 2) == (6 * 2);
How should this expression be modified to ensure that evaluates to false?
    A. Let x = ('1' + ' 2') == (6 * 2);
    B. Let x = ('1' + 2) == (6 *2);
    C. Let x = (1 + 2) == ('6' / 2);
    D. Let x = (1 + 2) == (6 / 2);
Answer: B

63.Set 2 question 36
64. Set 2 question 57
65.Set 1 question 25