

QUIZ- 1(CLO 1)

Registration # _____ Name: _____ Date: 29/09/2022

Question 1: Differentiate between **var** and **let** keyword in javascript with example.

(3)

<p>var name = value;</p> <p>var statement have function scope.</p> <p>We can declare a variable again even if it has been defined previously in the same scope.</p> <p>Hoisting is allowed with var.</p>	<p>Let name = value;</p> <p>let statement have block scope.</p> <p>We cannot declare a variable more than once if we defined that previously in the same scope.</p> <p>Hoisting is not allowed with let.</p>
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Question 2: Write a simple JavaScript program to join all elements of the following array into a string.

(2)

myColor = ["Red", "Green", "White", "Black"];

```
myColor.toString()
myColor.join([separator = ','])
```

Question 3:

(5)

5- Display only unique values from below array on console

Arr= ['a', 'b', 'c', 'd', 'e', 'f', 'a, b, c'] Output: a,b,c,d,e,f

```
arr=['a','b','c','d','e','f','a,b,c']
let arr2=[]
for(i of arr)
{
  arr2.push...(i.split(','))
}
a=[... new Set(arr2)]
console.log(a);
```

Question 4: var library = [

(5)

```
{ author: 'Bill Gates', title: 'The Road Ahead', libraryID: 1254},
{ author: 'Steve Jobs', title: 'Walter Isaacson', libraryID: 4264},
{ author: 'Suzanne Collins', title: 'Mockingjay: The Final Book of The Hunger Games', libraryID: 3245}
];
```

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Write a JavaScript function to filter the following array of objects by title value

```
function filter_books(t)
{
  let filtered=library.filter((obj)=>{return obj.title==t})
  return filtered;
}
console.log(filter_books('The Road Ahead'))
```