

**Test Summary**

- No. of Sections: 2
- No. of Questions: 13
- Total Duration: 90 min

**Section 1 - MCQ**

**Section Summary**

- No. of Questions: 10
- Duration: 20 min

**Additional Instructions:**

None

Q1. If we want to use a nice looking green dotted border around an image, which css property will we use?

border-color
border-decoration
border-style
border-line

Q2. If we want define style for an unique element, then which css selector will we use ?

id
text
class
name

Q3. For adding caption to the table we use \_\_\_\_\_

<th>
<tr>
<thead>
<caption>

Q4. What is the default type of 'type' attribute of <input> element?

Text

Password

Number

None

Q5. In JavaScript RegExp, \_\_\_\_\_ modifier is used to perform case-insensitive matching

i

g

m

Q6. Q. Predict the output of following code:  
<html><body>  
<p id="demo"></p>  
<script>  
var x = 5;  
var y = 8;  
var z = "30";  
var result = x + y + z;  
document.getElementById("demo").innerHTML = result;  
</script></body></html>

5830

1330

43

Q7. Q. Predict the output of following code:  
<html><body>  
<p id="demo"></p>  
<script>  
var names = ["Arush", "Liza", "Nysa", "Myra"];  
names.push("Amaira");  
document.getElementById("demo").innerHTML = names;  
</script>  
</body></html>

Arush,Liza,Nysa,Myra,Amaira

Amaira,Arush,Liza,Nysa,Myra

Arush,Liza,Nysa,Myra

Q8. Using \_\_\_\_\_ CSS property, we can create an ordered list as I, II, III, IV and so on...

list-style: roman;

list-style-type: upper-roman;

list-style-property: upper-roman;

list-style-type= l;

Q9. \_\_\_\_\_ target value opens the linked document in same window/tab as it was clicked

\_blank

\_self

\_frameName

Q10. **How to create a Date object in JavaScript?**  
A. dateObjectName = new Date([parameters])  
B. dateObjectName.new Date([parameters])  
C. dateObjectName := new Date([parameters])  
D. dateObjectName Date([parameters])

Only A

Only B

A and B

C and D

Section 2 - Coding

Section Summary

- No. of Questions: 3
- Duration: 70 min

Additional Instructions:

None

Q1. Create a registration form snapshot (Image1) given below

Image 1

Registration Form

First Name:

Last Name:

Email:

User Id:

Password:

Confirm Password:

Create

Apply the following validation:

a) all the fields are mandatory. otherwise print message as per image2.

Image2: This validation message appear user click on "create" button.

## Registration Form

First Name:	<input type="text"/>	Please enter your first name!
Last Name:	<input type="text"/>	Please enter your last name!
Email:	<input type="text"/>	Please enter your email!
User Id:	<input type="text"/>	Please enter your user id!
Password:	<input type="password"/>	Please enter your password!
Confirm Password:	<input type="password"/>	Please confirm your password!
<input type="button" value="Create"/>		

b) Valid Email is required. can contain any letter/digit/ splcharacter before "@" then anycharacter before "." and atleast 2 character after it.

like

abc@gmail.co

abc@gmail.com

123@yahoo.in

123.ab1@abc.com

above all are valid email example. for wrong email print message as given in image3

Image3 : As soon as user enter valid information in the field. validation message change. Use a appropriate event for that.

## Registration Form

First Name:	<input type="text" value="ABC"/>	OK!
Last Name:	<input type="text" value="Kumar"/>	OK!
Email:	<input type="text" value="aa"/>	Enter a valid email address!
User Id:	<input type="text"/>	Please enter your user id!
Password:	<input type="password"/>	Please enter your password!
Confirm Password:	<input type="password"/>	Please confirm your password!
<input type="button" value="Create"/>		

c) Password and confirm password should match. print message if not matched as given in image 4.

Image 4: As soon as user enter valid information in the field. validation message change. Use a appropriate event for that.

## Registration Form

First Name:	<input type="text" value="ABC"/>	OK!
Last Name:	<input type="text" value="Kumar"/>	OK!
Email:	<input type="text" value="aa@gmail.com"/>	OK!
User Id:	<input type="text" value="123"/>	OK!
Password:	<input type="password" value="..."/>	OK!
Confirm Password:	<input type="password" value="..."/>	Your passwords don't match!
<input type="button" value="Create"/>		

If all the particulars are fine then print message as given in image below image5.'

Image5: This message come when user click on the button.

## Registration Form

First Name:	<input type="text" value="ABC"/>	OK!
Last Name:	<input type="text" value="Kumar"/>	OK!
Email:	<input type="text" value="aa@gmail.com"/>	OK!
User Id:	<input type="text" value="123"/>	OK!
Password:	<input type="password" value="..."/>	OK!
Confirm Password:	<input type="password" value="..."/>	OK!
<input type="button" value="Create"/>		

All the data you entered is correct!!!

**Marks distribution:**

Both Names validation : 02 marks

Email validations: 03 marks

Q2. Using HTML tables , design the following table.

1	2	3		4
5	6	11	12	
		13	14	
7		8		9
10				

Marking Scheme:

Heading- 1 marks  
Outer table – 2 marks  
nested table- 1 marks  
rowspan and colspan- 1 marks

Q3. Create a java script program to count uppercase letters and Digits in a given String.  
for example:

generate **Alert Box message** when the specific button is clicked.  
like above message generate alert box of 5 for Uppercase and 5 for digit.

Answer Key & Solution

Section 1 - MCQ

Q1	border-style	<b>Solution</b>	No Solution
Q2	id	<b>Solution</b>	No Solution
Q3	<caption>	<b>Solution</b>	No Solution
Q4	Text	<b>Solution</b>	No Solution
Q5	i	<b>Solution</b>	No Solution
Q6	1330	<b>Solution</b>	No Solution
Q7	Arush,Liza,Nysa,Myra,Amaira	<b>Solution</b>	No Solution
Q8	list-style-type: upper-roman;	<b>Solution</b>	No Solution
Q9			

\_self

Solution

No Solution

Q10 Only A

Solution

No Solution

Section 2 - Coding

Q1 Solution

HTML Solution

No Solution

CSS Solution

No Solution

JS Solution

No Solution

Q2 Solution

HTML Solution

No Solution

CSS Solution

No Solution

JS Solution

No Solution

Q3 Solution

HTML Solution

```
<!DOCTYPE html>
<html>
<head>
  <title>Count capital letters in JavaScript</title>
</head>
<body>
  Enter some text: <br>
  <input type="text" id="textbox">
  <button onclick="count()">Uppercase</button>
```

```
<button onclick="count2()">Digit</button>

<br>

<script type="text/javascript">
  function count(){
    var mytext= document.getElementById("textbox").value;
    var numUpper = (mytext.match(/[A-Z]/g) || []).length;
    alert(numUpper);
  }

  function count2(){
    var mytext= document.getElementById("textbox").value;
    var numd = (mytext.match(/[0-9]/g) || []).length;
    alert(numd);
  }

</script>
</body>
</html>
```

### CSS Solution

No CSS Solution

### JS Solution

No JS Solution