

**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. By default Hyperlinks are displayed with an underline. How do you remove the underline from all hyperlinks by using CSS code ?

a {text-decoration:none;}

a {text: no-underline;}

a {text-style: no-underline;}

a {text-decoration: no-underline;}

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 format of defining comments in HTML?

<!-- comments --!>

<!-- comments -->

<?-- comments -->

<#-- comments -->

Q5. What is the use of 'Get' attribute in form tag?

To get normal form data from previous page.

To send normal form data to next page.

To send secured form data to next page.

To get secured form data from previous page

Q6. Which element is used for short quote?

<blockquote>

<q>

<em>

<sq>

Q7. Which value can't be assigned to 'target' attribute in link tag?

\_blank

\_self

\_new

\_top

Q8. From the given snippet, how to access "User2".

```
1 const lines = [  
2   { time: '10:00:00',  
3     user: 'User1',  
4     content: 'Line1',  
5   },  
6   { time: '20:00:00',  
7     user: 'User2',  
8     content: 'Line3',  
9   },  
10  { time: '30:00:00',  
11    user: 'User3',  
12    content: 'Line3',  
13  }
```

```
13 },
14 ];
15 document.getElementById("demo").innerHTML =??
```

lines[1].user

lines[1][1]

line[1][user]

line[2][2]

Q9. What is the output of the following program. What myArray will print.

```
1
2 <script>
3 function myFunction() {
4   var myRe = /d(b+)d/g;
5   var myArray = myRe.exec('cdbbdsbz');
6   document.getElementById("demo").innerHTML = myArray;
7 }
8 </script>
9
10 |
```

dbbd,bb

dbbd

bb

none

Q10. How would you style table rows to have alternating background colors?

tr:even{background-color:#CCC;}

td:even{background-color:#CCC;}

td:nth-child(even){background-color:#CCC;}

tr:nth-child(even){background-color:#CCC;}

Section 2 - Coding

Section Summary

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

Additional Instructions:

None

Q1. Create a java-script program to count lowercase and special character in a input string.

for example

Generate the **alert message Box** for the output.  
like above example alert message of 6 in lowercase and 3 for special character.

Q2. “Z institute of Management and Technology” is planning to organise a trip for students and the resources they got from their sponsors need to be informed to the students. Basic needs like food and stay with other facilities like parking , free wi-fi has been delivered by the sponsors. Design the below shown page as per their need and help them to propagate the information to their students:

| Available services  |   |
|---|---|
| Food Services   | Accomodation  |
| ii. Lunch: <ul style="list-style-type: none"><li>Fried Rice</li><li>Paneer Tikka</li><li>Chhole Bhature</li></ul> iii. Dinner: <ul style="list-style-type: none"><li>Fried Tuna</li><li>Masala Dosa</li><li>Cheese Chilly</li></ul> | Block <ul style="list-style-type: none"><li>C. 2 Rooms<ul style="list-style-type: none"><li>-Deluxe AC rooms with Breakfast</li></ul></li><li>D. 6 Rooms<ul style="list-style-type: none"><li>-Super-Deluxe AC rooms with Breakfast</li></ul></li></ul> |

table background color is pink and body background color is lightgreen.

Marking Scheme:  
List(Left side)- 1 Marks  
Lists(right side)- 2 marks  
Table structure with coloring - 2 Marks

Q3. 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:

Please enter your first name!

Last Name:

Please enter your last name!

Email:

Please enter your email!

User Id:

Please enter your user id!

Password:

Please enter your password!

Confirm Password:

Please confirm your password!

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  
User Id: 01 mark  
Password validations: 03  
Last Image 5 message: 01 marks

Answer Key & Solution

Section 1 - MCQ

|    |  |
|----|--|
| Q1 | <div>a {text-decoration:none;}</div> <div>Solution</div> <div>No Solution</div>              |
| Q2 | <div>id</div> <div>Solution</div> <div>No Solution</div>                                     |
| Q3 | <div>&lt;caption&gt;</div> <div>Solution</div> <div>No Solution</div>                        |
| Q4 | <div>&lt;!-- comments --&gt;</div> <div>Solution</div> <div>No Solution</div>                |
| Q5 | <div>To send normal form data to next page.</div> <div>Solution</div> <div>No Solution</div> |
| Q6 | <div>&lt;q&gt;</div> <div>Solution</div> <div>No Solution</div>                              |
| Q7 | <div>_new</div> <div>Solution</div> <div>No Solution</div>                                   |
| Q8 | <div>lines[1].user</div> <div>Solution</div> <div>No Solution</div>                          |
| Q9 | <div>dbbd,bb</div>   |

|     |  |
|-----|--|
|     | <div><div>Solution</div><div>No Solution</div></div>   |
| Q10 | <div>tr:nth-child(even){background-color:#CCC;}</div>  |
|     | <div><div>Solution</div><div>No Solution</div></div>   |
|     | <div>Section 2 - Coding</div>  |
| Q1  | <div><div>Solution</div><div>HTML Solution</div><div><pre>&lt;!DOCTYPE html&gt; &lt;html&gt; &lt;head&gt;   &lt;title&gt;Count capital letters in JavaScript&lt;/title&gt; &lt;/head&gt; &lt;body&gt;   Enter some text: &lt;br&gt;   &lt;input type="text" id="textbox"&gt;   &lt;button onclick="count()"&gt;Lowercase&lt;/button&gt;    &lt;button onclick="count2()"&gt;Digit&lt;/button&gt;    &lt;br&gt;    &lt;script type="text/javascript"&gt;     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);     }    &lt;/script&gt; &lt;/body&gt; &lt;/html&gt;</pre></div><div><div>CSS Solution</div><div>No CSS Solution</div></div><div><div>JS Solution</div><div>No JS Solution</div></div></div> |

Q2      **Solution**

**HTML Solution**

No Solution

**CSS Solution**

No Solution

**JS Solution**

No Solution

Q3      **Solution**

**HTML Solution**

No Solution

**CSS Solution**

No Solution

**JS Solution**

No Solution