

Roll Number: _____

Thapar Institute of Engineering and Technology, Patiala

Department of Computer Science and Engineering

MID SEMESTER EXAMINATION

B.E 3rd year

October 29, 2021, Friday, 10.00 hrs.

Time: 2 Hours, M. Marks: 45

Course Code: UCS542

Course Name: UI & UX Specialist

Name Of Faculty: Dr. Vaibhav Agarwal

TAW
office
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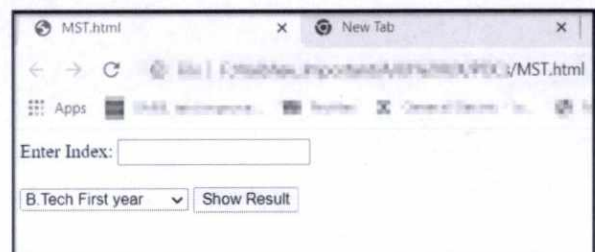
Note: Attempt all questions. No step marking for questions requiring only code snippets. Assume missing data, if any, suitably

- Q.1 Write short notes on:
- a) HTML page structure (3)
 - b) HTML colors (6)
 - c) HTML core attributes (8)
 - d) CSS positions (code snippet/ examples not required) (5)
- Q.2 Explain with the help of an example about different ways to insert CSS in HTML. (6)
- Q.3 What will be the **EXACT** output on the web browser for the following code: (7)
If any, ignore text size and color. Assume any missing information if any suitably.

```
<html> <body>
<h2>JavaScript Comparison</h2>
<p>Assigning value to x and displaying comparison
using different operators</p>
<p id="myProgram"></p>
<script>
var x = 5;
document.getElementById("myProgram").innerHTML =
"x = x is: " + (x==x) + "<br>" +
"x == 5 is: " + (x == "5") + "<br>" +
"x == 8 is: " + (x==8) + "<br>" +
"x === 5 is: " + (x === 5) + "<br>" +
'x === "x" is: ' + (x === "x");
</script> </body> </html>
```

- Q.4 Following is a front end code with output as shown in figures below. (10)

```
<!DOCTYPE html>
<body>
<form id="myForm" action="/action_page.php">
  Enter Index: <input type="text"><br>
</form>
<br>
<select id="myDropDown">
  <option>B.Tech First year</option>
  <option>B.Tech Second year</option>
  <option>B.Tech Third year</option>
  <option>B.Tech Fourth year</option>
</select>
<button onclick="myFunction()">Show Result</button>
<div id="myDiv"> </div>
<script src="myJavaScriptFile.js"></script>
</body>
</html>
```



I want that if I enter any of these numbers in the textbox i.e., 1,2,3,4 and click the given button, then it should display the corresponding drop down value in the given div. For example user entered 3 in the text box and clicked the button then it should display the 3rd drop down value i.e., 'B.Tech 3rd year' in the given div. Provide a solution for it WITHOUT changing the given HTML.