

Applications of ICT
Session 2025 Spring
Final Exam

Time: 90 minutes

Maximum Marks = 40

Note: Cutting and Overwriting will have no credit.

Q-1(a): Write down a JavaScript function (*myfunction*) to change the Font to 25px, color to red, border to 2pixels, border radius 2px, and HTML text to “HELLO WORLD” of an element addressed by ID name “bigbox” ?

(b) Write down an image (300 x 400) and button code for which changes the image inside the HTML Page with id name “bulb” from “off.png” to “on.jpg” when that button is pressed or clicked. Images both are placed in images folder in root directory **(4+3 = 7)**

Q-2: What does this command does to the HTML page and all Div or any Elements? Explain in detail **(2)**

```
* {
    box-sizing: border-box;
}
```

Q-3: What is the output of this following code? Draw a Box to show the HTML page? **(2)**

```
<!DOCTYPE html>
<html>
<head>
<style>
div {
    border: 2px solid black;
    margin: 25px 50px;
    background-color: lightblue;
}
</style>
</head>
<body>

<h2>HELLO WORLD</h2>

<div>UET LAHORE</div>

<hr>

</body>
</html>
```

Q-4: What does this command does to the HTML page in Browser? **(2)**

```
<title>My Page Title</title>
<link rel="icon" type="image/x-icon" href="/images/favicon.ico">
```

Q-5: What does the following tags do to the HTML Element or data? **(4)**

- **** -
- **<i>** -
- **** -
- **<mark>** -
- **** -
- **<ins>** -
- **<sub>** -
- **<sup>** -

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Q-6: What is the output of this following code? Draw a Box to show the HTML page? (2)

<p>Choose your favorite Web language:</p>

```
<form>
  <input type="radio" id="html" name="fav_language" value="HTML">
  <label for="html">HTML</label><br>
  <input type="radio" id="css" name="fav_language" value="CSS">
  <label for="css">CSS</label><br>
  <input type="radio" id="javascript" name="fav_language" value="JavaScript">
  <label for="javascript">JavaScript</label>
</form>
```

Q-7: What will be the output of the following code. What will be done when executed (2)

```
<input type="button" onclick="alert('Hello World!')" value="Click Me!">
```

Q-8(a): What is the difference between UNICODE and ASCII character set? Give examples? (2)

Q-8(b): How many Kilobyte's are in 4 TB (Tera Bytes) and 20 GB (Giga Byte) ? (2)

Q-8(c): What are the Operations Performed by ALU? Give examples? Name some Pros and Cons of an ALU? (4)

Q-9(a): Write down an HTML Code for Form submission with a Submit button which takes the following inputs from the user? (4)

- **First Name**
- **Last Name**
- **Age** (use number input type)
- **Date of Birth** (use date input type)
- **Gender** (use checkbox input type)
- **Qualification** (use select box Input type)

Q-9(b): Write down an External CSS file for the above HTML Code which makes use of following parameters. Use whatever value you feel suitable (5)

- Padding
- Border & Border radius
- Font-size
- Focus
- Color of text & Input boxes
- Align & width (0-100%)

Q-9(c): Write down a PHP page to take the data from the form submitted in part(a) to print all data with Values in **table form (HTML)** (2)