

Name: _____ Registration #: _____ Section: _____

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)