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| Course: | **Web Engineering Lab** | Date: 01/04/2024 |
| Course Code: | SEL-310 | Session: I |
| Faculty’s Name: | Dr. Muhammad Asif | Max Marks: 20 |
| Time Allowed: | 1.5 Hours | Total Pages: (2) |

**INSTRUCTIONS:**

1. This is open book exam. Sharing of any type of material is strictly prohibited.
2. All questions are compulsory.
3. Be brief and to the point please.
4. Plagiarism is not acceptable and will be monitored strictly please. Make your own **File** **name**, **Functions, Ids, classes** and **Variables etc**. Copied from the internet or any source will be marked negatively.
5. Make a **PDF** or **WORD** file and submit it containing HTML, CSS, JavaScript code along with output of Screenshot/GUI.

Student’s Name: Enroll No:

(USE CAPITAL LETTERS)

**Question # 1 (2+2+2=6 Marks)**

1. By recalling the **KNOWLEDGE** of **HTML Template**, Create following html table.

**(CLO-1)**

1. By recalling the **KNOWLEDGE** of **TH Tag**, Make use of <th> tag where text is in bold. **(CLO-1)**
2. By recalling the **KNOWLEDGE** of **OL Tag**, In middle cell, you have to put cities names using OL tag. **(CLO-1)**

|  |  |
| --- | --- |
| **A** | **B** |
| E | F:   1. Islamabad 2. Karachi 3. Lahore 4. Quetta 5. Peshawar |
| H |
| J | K |

**Question # 2 (6 Marks) (CLO-2)**

By **INTERPRETING** the concept of Client Form Tag and its Elements, design a client form the USA wants to create on its website. The website requires user registration and login facility. The user registration form includes following mandatory fields:

**A.** **Paste the GUI layout of Question#2 along with code.**

First Name\*, Last Name\*, Email\*, Password\*, Confirm Password\*. Gender\*, Country\*, Profile Picture\* and User Expertise\* (e.g checkboxes 1.PHP, 2,HTML). There will be an area where user will paste CV\*. There are two buttons for **Submit** and **RESET**.

**Question # 3 (8 Marks)**

**UNDERSTAND** the following problem statements and **SOLVE** by cconsidering the above mentioned scenario of **Question#2**, recall DIV, CSS, Form, Input fields, Javascript and do the following:

**A.** **Apply client side validation by using Javascript.**  **(CLO-3)**

(1. Empty fields,

2. Password should be of 6-8 characters length,

3. Password and Confirm Password fileds should be of same length)

**(HTML 5 validation will not be accepted)**

**Hints:** *There will be two column layout. There should be at least 5 countries in the dropdown. You need to validate fields which are marked with \*.*

**Best of Luck**