|  |  |  |
| --- | --- | --- |
| Course: | **Web Engineering** | Date: 18/04/2024 |
| Course Code: | SEN-310 | Session: II |
| Faculty’s Name: | Dr. Muhammad Asif | Max Marks: 20 |
| Time Allowed: | 1.5 Hours | Total Pages: (2) |

**INSTRUCTIONS:**

1. This is closed book exam. Communication devices and any written material is strictly prohibited.
2. All questions are compulsory.
3. Be brief and to the point please.

Student’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Enroll No:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(USE CAPITAL LETTERS)

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

1. By recalling the **KNOWLEDGE** of **LISTS**, Write an HTML code to generate the following list. **(CLO-1)**
   * **Punjab**
     + Lahore
   * **KPK**
     + Peshawar
2. By recalling the **KNOWLEDGE** of **TABLE**, Write an HTML code to generate the following table. **(CLO-1)**

|  |  |  |
| --- | --- | --- |
| **NAME** | **Marks** | |
| **JAVA** | **C++** |
| Ahmed | 90 | 85 |

1. By recalling the **KNOWLEDGE** of **FORM**, **Write an HTML code to design the following SignUp form. (CLO-1)**

**SignUp**

Your name

**Submit**

**Name**

**Age**

**Gender**



**Male**



**Female**



**Question # 2 (2+2+2 Marks)**

By **INTERPRETING** the concept of Cascading Style Sheet, Write the Internal CSS code for below tags. Also remove the syntax errors in the below given statements:

1. **Paragraph** [ background color = light gray, font-family = Calibri, Tahoma] **(CLO-2)**
2. **Div** [ text alignment = center, border = Solid green, display = Inline-Block ] **(CLO-2)**
3. **Img** [ border-radius = 50 px, height = auto, maximum width = 300 px ] **(CLO-2)**

**Question # 3 (8 Marks)**

**UNDERSTAND** the following problem statements and **SOLVE** by using Javascript Functions i.e. Parameterized /without parameter?

1. **Write a function** *table(int n)* **that gets a number from user and prints it table up to 10.**

**(CLO-3)**

1. **Write a function** *gradCal()* **that prompts for marks of a student, and calculates the grade. (CLO-3)**

Mark < 50 = **F** Mark > 50 but <= 80 = **B** Mark >= 80 = **A**

1. **Write the JavaScript code of the functions —** *nextPic()* **and** *prePic()* **behind the buttons in following picture gallery . When the buttons (Prev, Next) are pressed, the previous or next picture is shown in the picture frame.** Thepictures are stored in **D:\Pics** directory, with names p1.png, p2.png and p3.png. **(CLO-3)**

Sajid’s Picture Gallery

**<< Previous**

**Next >>**

**Picture Frame**



|  |  |
| --- | --- |
| **Keywords table** | |
| Ordered, Unordered and Definition List | <ol><ul><dl></ol></ul></dl><li> |
| Table | <Table><tr><td></tr></table> Rowspan, Colspan |
| Cascading Style Sheet | <style type=”text/css”></style>  Body {Attributes and values of css} |
| Javascript | <Script type=”text/javascript”></Script>  Function name() {} |
| If(condition) {statements} else {statements} |
| For(initialization of variable;condition;increment) |
| getElementById(‘ID’) |
| Form | <input type=”??????”> Buttons, text box, radio, checkbox, submit button, password field, combo box select |

**Best of Luck**