

CSE 403L -- Database Management Systems Lab
Department of Computer Systems Engineering.
University of Engineering & Technology Peshawar
Spring 2023
22nd May, 2023

Time: 40 Min(s)

Midterm Lab Examination

Marks: 20

Answer all the questions.

Q1. Consider the following Relational Schema:

[2+1+1+1+1+2+2=10 Marks]

Customer: ID, Name, Email, Gender, DateofBirth, Phone

Order: OrderID, CustomerID, ProductID, Date, Piece

Favorite: CustomerID, ProductID

Product: ProductID, PName, Price, Description

1. Write SQL code to create **Order** table.
2. Write SQL code to populate data in **Customer** table.
3. Write SQL code to update **Email** of customer with id 21.
4. Write SQL code to delete a record from **Favorite** table.
5. Write SQL query that retrieves the product name and description for sixth product.
6. Write SQL query that retrieve the names of customers who have a favorite product.
7. Write SQL query that get the details of a tenth order including the product name, date, and quantity.

Q2. Write a complete **PHP-PDO** or **PHP-MYSQLI** Object-Oriented code that places an order for a given customer. Take the data from user via HTML Form constructs. [10 Marks]

All the best.