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| **P.V.P Siddhartha Institute of Technology** | | | | | | | | |
| **Department of Computer Science and Engineering** | | | | | | | | |
| **Course: B.Tech** | | **Year: III** | **Semester: I** | **Mid Term: I** | **A.Y:2023-24** | | | |
| **Course Code:**  **20CS3502** | | **Course Name: Database Management**  **Systems** | | | **Regulation: PVP20** | | | |
| **Duration:1 hr 30 min** | | **Maximum Marks:15 Marks** | | | **Date:29/08/23** | | **Session: F. N** | |
| **Answer all the Questions. Each Question carries 5Marks 3×5M=15M** | | | | | | | | |
| **Q.No** |  | | | | | **Marks** | **CO** | **Level** |
| **1.** | **Describe the Component modules of a DBMS with a neat diagram.** | | | | | **5** | **CO1** | **L2** |
| **2.** | **Sketch ER diagram that describes the functionalities of university database with entities, attributes and relationships among entities** | | | | | **5** | **CO4** | **L3** |
| **3.** | **Create the following tables in SQL**  **CUSTOMER (CustId, FirstName, LastName, PhoneNo, Country)**  **ORDERS (OrderId, ProductName, Qty, CustId)**  **Insert appropriate data into tables and answer the following SQL Queries**  **a) Update Qty of the ProductName “Paper” to 600.**  **b) List the details of the Customer who placed OrderId “101”.**  **c) Display the details of Customers whose LastName has Exact 3 Characters.**  **d) Display the names of the customers from the CUSTOMERS table order by PhoneNo.**  **e) Find the details of the Orders placed by the customers staying in Country “USA”** | | | | | **5** | **CO2** | **L3** |

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