|  |
| --- |
| **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** |

|  |
| --- |
| **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** |