Database Management System – I Practical List
Practical – 6, 7 Task

6	**Aggregate Function with Group By, Having and Order by Clause** **PART A:** 1. Count the number of customer city-wise from Customer_Detail. **(A)** 2. Count the customer city wise who is from Morbi city. **(A)** 3. Find the sum of product prices as per category wise from Product_Detail. **(A)** 4. Display how many customers use UPI for payment from Order_Payment_Detail. **(A)** 5. Count the shipping data as city-wise from Shipping_Detail. **(A)** 6. Display the product in ascending order from Product_Detail. **(A)** 7. Display the product rating wise from highest to lowest from Product_Detail. **(A)** 8. Display the product as per price wise (Lowest at Top and Highest at bottom). **(A)** **PART B:** 9. Count the number of product category-wise from Product_Detail. **(B)** 10. Count the how many orders shipping status is Completed from Shipping Detail. **(B)** 11. Customers with total purchase amount greater than 30,000. **(B)** **PART C:** 12. Find the total amount spent by each customer in the Order_Payment_Detail table. **(C)** 13. Experiment with the group by clause without using the aggregate function. **(C)** Total quantity ordered for each product. **(C)**
7	**Arithmetic and Relational Operator** **PART A:** 1. Write a query to calculate the new price of product after the decrement of 10% and display it with their name and Product Id. **(A)** 2. Write a query to calculate the new O_Total_Price if O_I_Qunatity is increased by 2 for each order item and calculate the new O_Total_Price. **(A)** 3. Display the product name which has a rating < 3. **(A)** 4. Display the product name with product price >= 20000. **(A)** 5. Display Product name and description which has product stock > 50. **(A)** 6. Display the Shipping Address and city that has pending Shipping. **(A)** 7. Display the C_ID and O_ID whose order total amount > 15000 and O_Status = 'Shipped'. **(A)** **PART B:** 8. Display all orders placed before 2023. **(B)** 9. Display the data of count of total shipments still pending. **(B)** **PART C:** 10. List order_Id, and shipping address which order shipped to Rajkot. **(C)** 11. Write a query to calculate the new stock after the increment of 5% and display it with P_Name and P_Description. **(C)** Find products whose total stock value (price × quantity) exceeds 50,000. **(C)**