**QUESTION 1: Display all the data of customers**

**SELECT** \* **FROM** Customers ;

**QUESTION 2 : Display the product\_name and category for products whose price is between 5000 and 10000**

**SELECT** product\_name, category **FROM** Products **WHERE** Price **BETWEEN** 5000 AND 10000;

**Question 3 : Display all the data of products sorted in descending order of price.**

**SELECT** \* **FROM** Products

**ORDER BY** Price DESC;

**Question 4 : Display the total number of orders, the average amount, the highest total amount, and the lower total amount**

**SELECT** COUNT (\*), AVG (total\_amount), MAX (total\_amount), MIN (total\_amount) **FROM**  Orders;

**Question 5: For each product\_id, display the number of orders**

SELECT COUNT (quantity), product\_id

FROM Orders

GROUP BY product\_id;

**Question 6: Display the customer\_id, which has more than 2 orders**

SELECT Customer\_id

FROM Orders

WHERE COUNT (Customer\_id) > 2;

**Question 7: For each month of 2020 year, display the number of orders**

SELECT COUNT (\*), OrderDate

FROM Orders

WHERE (EXTRACT (YEAR FROM OrderDate) =2020)

GROUP BY (EXTRACT (MONTH FROM OrderDate));

**Question 8 : For each order, display the product\_name, the customer\_name, and the date of the order**

SELECT Product.product\_name, Customer.customer\_Name, Orders.OrderDate  
FROM ((Product INNER JOIN Orders ON Product.Product\_id=Orders.Product\_id) INNER JOIN Customer ON Orders.customer\_id=Customer.Customer\_id)

**Question 9 : Display all the orders made three months ago**

**SELECT Customer\_id, Product\_id FROM Orders**

**WHERE OrderDate = DATEADD (month, -3, SYSDATE)**

**Question 10 : Display customers (customer\_id) who have never ordered a product**

**SELECT Customer\_id**

**FROM Customer –**

**(SELECT Costomer\_id FROM Order);**