**Questions**

**1.** Write a SQL query to show average number of orders shipped in a day (use Orders table).

Ans. SELECT shippedDate, Avg (orderNumber) FROM Orders GROUP BY shippedDate;

2. Write a SQL query to show average number of orders placed in a day.

Ans. SELECT orderDate, Avg (orderNumber) FROM Orders GROUP BY orderDate;

3. Write a SQL query to show the product name with minimum MSRP (use Products table).

Ans. SELECT productname, MIN (MSRP) FROM product;

4. Write a SQL query to show the product name with maximum value of stockQuantity.

Ans. SELECT productname , MAX (quantityinstock) FROM products;

5. Write a query to show the most ordered product Name (the product with maximum number oforders).

Ans. SELECT productname , MAX(quantityordered) FROM orderdetails INNER JOIN products ON orderdetails.`productcode `= products.`productcode`;

6. Write a SQL query to show the highest paying customer Name.

Ans. SELECT customername , MAX(amount) FROM payments INNER JOIN customers ON payments.`customerNumber `= customers.’customerNumber’;

7. Write a SQL query to show cutomerNumber, customerName of all the customers who are fromMelbourne city.

Ans. SELECT cutomerNumber, customerName FROM customers WHERE city=’ Melbourne city’;

8. Write a SQL query to show name of all the customers whose name start with “N”.

Ans. SELECT cutomerName FROM customers WHERE customername LIKE ‘N%’;

9. Write a SQL query to show name of all the customers whose phone start with ‘7’ and are from city‘LasVegas’.

Ans. SELECT cutomerName FROM customers WHERE phone LIKE ‘7\_\_’ AND city =‘LasVegas’;

10. Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either“Las Vegas” or ”Nantes” or “Stavern”.

Ans. SELECT cutomerName FROM customers WHERE creditLimit < 1000 AND city IN (“Las Vegas” , ”Nantes” , “Stavern”);

11. Write a SQL query to show all the orderNumber in which quantity ordered <10.

Ans. SELECT orderNumber FROM orderdetailes WHERE quantityordered

12. Write a SQL query to show all the orderNumber whose customer Name start with letter ‘N’.

Ans. SELECT ordernumber FROM orders WHERE customername LIKE ‘N%’ INNER JOIN customers ON orders.`customerNumber `= customer.`customerNumbere`;

13. Write a SQL query to show all the customerName whose orders are “Disputed” in status.

Ans. SELECT customerName FROM customers WHERE status=’Disputed’ INNER JOIN orders ON customers.`customerNumber `= orders.`customerNumber`;

14. Write a SQL query to show the customerName who made payment through cheque withcheckNumber starting with H and made payment on “2004-10-19”.

Ans. SELECT customerName FROM customers WHERE checkNumber LIKE ‘H%’ AND paymentDate=‘2004-10-19’ INNER JOIN payments ON customers.`customerNumber `= payments.`customerNumber`;

15. Write a SQL query to show all the checkNumber whose amount > 1000.

Ans. SELECT checkNumber FROM payments WHERE amount > 1000;