**QUESTIONS ON GROUP BY CLAUSE**

1. WAQTD NUMBER OF THE PRODUCTS WHICH ARE BELONGS IN EACH CATEGORY.

ANS: SELECT COUNT(\*),CATEGORY

FROM PRODUCT

GROUP BY CATEGORY;

2. WAQTD MAXIMUM CUSTOMER ID WHO ARE FROM EACH ADDRESS.

ANS: SELECT MAX(CID)

FROM CUSTOMER

GROUP BY ADDRESS;

3. WAQTD NUMBER OF PRODUCT NAME WHICH ARE HAVING EACH WARRANTY.

ANS: SELECT COUNT(PNAME)

FROM PRODUCT

GROUP BY WARRANTY;

4.WAQTD PRICE OF THE PRODUCTS HAVING EACH PRODUCTS PRICE IF PRODUCTS ARE BELONGS TO LAPTOP CATEGORY.

ANS: SELECT PRICE

FROM PRODUCT

WHERE CATEGORY =’LAPTOP’

GROUP BY PRICE;

5. WAQTD NUMBER OF PRODUCTS IN EACH QUANTITY EXCEPT HP-CELERON

ANS: SELECT COUNT(\*),QUANTITY

FROM PRODUCT

WHERE PNAME != ‘HP-CELERON’

GROUP BY QUANTITY;

6. WAQTD NUMBER OF PRODUCTS BOUGTH BY THE CUSTOMERS.

ANS: SELECT COUNT(\*),PID

FROM CUSTOMER

GROUP BY PID;

7. WAQTD DISCOUNT AND NUMBER OF PRODUCTS IN EACH DISCOUNT, IF THE PRODUCTS ARE PRICE RAGES FROM 20000 TO 90000.

ANS: SELECT DISCOUNT,COUNT(\*)

FROM PRODUCT

WHERE PRICE BETWEEN 20000 AND 90000

GROUP BY DISCOUNT;

8. WAQTD MAXIMUM PRICE OF THE PRODUCT IN EACH CATEGORY, EXCEPT THE PRODUCT WHICH IS HAVING DISCOUNT LESS THAN 20%.

ANS: SELECT MAX(PRICE),CATEGORY

FROM PRODUCT

WHERE NOT DISCOUNT < ‘20%’

GROUP BY CATEGORY;

9. WAQTD MAXIMUM PRICE AND MINIMUN PRICE OF THE PRODUCTS IN EACH CATEGORY.

ANS: SELECT MAX(PRICE),MIN(PRICE),CATEGORY

FROM PRODUCT

GROUP BY CATEGORY;

10. WAQTD AVERAGE PRICE OF THE PRODUCTS IN EACH CATEGORY EXCEPT THE PRODUCTS WHICH ARE HAVING WARRANTY EXACTLY 1 YEAR.

ANS: SELECT AVG(PRICE), CATEGORY

FROM PRODUCT

WHERE NOT WARRANTY = ‘1 YEAR’

GROUP BY CATEGORY;