**QUESTIONS ON SUBQUERY (CASE 2) CUST&PRDT**

1. WAQTD DETAILS OF THE CUSTOMERS WHO BUYING THE PRODUCT WHICH ARE HAVING ACTUAL\_PRICE MORE THAN 35000 AND 90000.

ANS: SELECT DETAILS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE BETWEEN 35001 AND 89999);

1. WAQTD DETAILS OF THE CUSTOMER WHO PURCHASED THE PRODUCTS WITH 60% DISCOUNT AND WHICH BELONGS TO LAPTOP CATEGORY.

ANS: SELECT \*

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE DISCOUNT = ‘60%’ AND CATEGORY=’LAPTOP’);

1. WAQTD NAME,MAIL ID , PHONE NUMBER OF THE CUSTOMER IF THEY PURCHASED THE PRODUCT ‘IPHONE13’ WITH LESS THAN 3YEARS WARRANTY.

ANS: SELECT CNAME,MAIL\_ID,PH\_NO

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE PNAME = ‘IPHONE13’ AND WARRANTY < ‘3YEARS’);

1. WAQTD DETAILS OF THE PRODUCT, IF THE CUSTOMER HAVE MAIL ID AND DOES NOT HAVE ALTERNATIVE PHONE NUMBER.

ANS: SELECT \*

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE MAIL\_ID IS NOT NULL AND ALT\_PH\_NO IS NULL);

1. WAQTD NAME AND ADDRESS OF THE CUSTOMER ,IF PRODUCT QUANTITY IS LESS THAN 10 AND HAVE WARRANTY MORE THAN 2YEARS.

ANS: SELECT CNAME,ADDRESS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE QUANTITY<10 AND WARRANTY>’2YEARS’);

1. WAQTD NAME,PH\_NO,MAIL\_ID OF THE CUSTOMERS ,IF THEY HAVE 2 YEARS OF PRODUCT WARRANTY AND PRICE SHOULD BE LESS THAN 50000 AND IT SHOULD BE LAPTOP CATEGORY.

ANS: SELECT CNAME,PH\_NO,MAIL\_ID

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE WARRANTY=’2YEARS’ AND PRICE<50000

AND CATEGORY=’LAPTOP’);

1. WAQTD NAME,DISCOUNT AND ACTUAL\_PRICE OF THE PRODUCT ,IF THE PRODUCT IS BELONGS TO A CUSTOMER WHO IS FROM ‘5TH CROSS,JAYANAGAR’ OR ‘2ND CROSS,BTM’.

ANS: SELECT PNAME,DISCOUNT,ACTUAL\_PRICE

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE ADDRESS IN (‘5TH CROSS,JAYANAGAR’,’2ND CROSS,BTM’);

1. WAQTD DETAILS OF THE PRODUCTS , IF THE PRODUCT IS BELONGS TO THE CUSTOMER ,WHO NAME STARTS WITH ‘A’.

ANS: SELECT \*

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE CNAME LIKE ‘A%’);

1. WAQTD NAME,QUANTITY,CATEGORY AND WARRANTY OF PRODUCT,IF THE PRODUCT IS BELONGS TO CUSOMER,WHO DOES NOT HAVE ALTERNATE PH\_NO AND HAVE PH\_NO.

ANS: SELECT PNAME,QUANTITY,CATEGORY,WARRANTY

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NULL AND PH\_NO IS NOT NULL );

1. WAQTD NAME,ADDRESS,PH\_NO OF THE CUSTOMER , IF THEY HAVE MORE THAN 2 YEARS AND LESS THAN 6 YEARS OF WARRANTY.

ANS: SELECT CNAME,ADDRESS,PH\_NO

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE WARRANTY > ‘2YEARS’ AND WARRANTY < ’6YEARS’);

1. WAQTD NAME AND CATEGORY OF THE PRODUCT , WHOSE PRICE IS LESS THAN 60000 AND BELONGS TO TO CUSTOMER WHO HAVE ALT\_PH\_NO

ANS: SELECT PNAME,CATEGORY

FROM PRODUCT

WHERE PRICE<60000 AND PID IN (SELECT PID

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NOT NULL);

1. WAQTD NAMES OF THE PRODUCTS ,IF THE CUSTOMER\_ID IS LESS THAN ‘DINESH’.

ANS: SELECT PNAME

FROM PRODUCT

WHERE PID IN (SELECT PID

FROM CUSTOMER

WHERE CID < (SELECT CID

FROM CUSTOMER

WHERE CNAME = ‘DINESH’));

1. WAQTD NAMES,PH\_NO AND ALT\_PH\_NO , IF THEY HAVE ALT\_PH\_NO AND ACTUAL\_PRICE IS MORE THAN ‘HP-CELERON’.

ANS: SELECT CNAME,PH\_NO,ALT\_PH\_NO

FROM CUSTOMER

WHERE ALT\_PH\_NO IS NOT NULL AND

PID IN (SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE > (SELECT ACTUAL\_PRICE

FROM PRODUCT

WHERE PNAME=’HP-CELERON’));

1. WAQTD NAME ,MAIL\_ID,ALT\_PH\_NO AND ADDRESS ,IF THEIR PRODUCT ACTUAL\_PRICE IS MORE THAN 40000 BUT LESS THAN 70000 IN LAPTOP CATEGORY.

ANS: SELECT CNAME,MAIL\_ID,ALT\_PH\_NO,ADDRESS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE ACTUAL\_PRICE BETWEEN 40001 AND 69999 AND

CATEGORY =’LAPTOP’);

1. WAQTD NAME,PH\_NO AND ADDRESS OF THE CUSTOMERS ,IF THEIR PRODUCT PRICE IS SAME AS ‘HP-CELERON’ AND DISCOUNT IS SAME AS PID\_NO ‘2’ AND WARRANTY IS LESS THAN 5 YEARS.

ANS: SELECT CNAME,PH\_NO,ADDRESS

FROM CUSTOMER

WHERE PID IN (SELECT PID

FROM PRODUCT

WHERE PRICE IN (SELECT PRICE

FROM PRODUCT

WHERE PNAME =’HP-CELERON’) AND

DISCOUNT IN (SELECT DISCOUNT

FROM PRODUCT

WHERE PID=2 AND WARRANTY>5));