**QUESTIONS ON MULTIROW FUNCTIONS**

1.WAQTD MAXIMUM PRICE PRESENT IN PRODUCT TABLE .

ANS: SELECT MAX(PRICE)

FROM PRODUCT;

2. WAQTD NUMBER OF CUSTOMERS PRESENT IN CUSTOMER TABLE.

ANS: SELECT COUNT(\*)

FROM CUSTOMER;

3.WAQTD TOTAL PRICE OF ALL THE PRODUCTS.

ANS: SELECT SUM(PRICE)

FROM PRODUCT;

4.WAQTD NUMBER OF PRODUCTS PRESENT IN PRODUCT TABLE.

ANS: SELECT COUNT(\*)

FROM PRODUCT;

5. WAQTD NUMBER OF PRODUCTS HAVING CHAR ‘S’ IN THEIR NAME.

ANS: SELECT COUNT(\*)

FROM PRODUCT

WHERE PNAME LIKE ‘%S%’;

6. WAQTD NUMBER OF PRODUCTS IF PRODUCT PRICE IS MORE THAN 20000

ANS: SELECT COUNT(\*)

FROM PRODUCT

WHERE PRICE > 20000;

7. WAQTD TOTAL PRICE NEEDED TO PAY FOR ALL PRODUCTS IF THE PRODUCT NAME HAS CHAR ‘ E’ IN THEIR NAME .

ANS: SELECT SUM(PRICE)

FROM PRODUCT

WHERE PNAME LIKE ‘%E%’;

8. WAQTD MINIMUM PRICE PRESENT IN PRODUCT TABLE

ANS: SELECT MIN(PRICE)

FROM PRODUCT;

9. WAQTD AVG PRICE NEEDED TO BUY ALL THE PRODUCTS.

ANS: SELECT AVG(PRICE)

.FROM PRODUCT;

10. WAQTD NUMBER OF PRODUCTS AND TOTAL PRICE NEEDED TO PAY ALL THE PRODUCTS IF THE PNAME HAS CHAR ‘A’ OR ‘R’ IN THEIR NAME .

ANSWER : SELECT COUNT(\*) , SUM(PRICE)

FROM PRODUCT

WHERE PNAME LIKE ‘A%’ OR PNAME LIKE ‘R%’;

11. WAQTD NUMBER OF CUSTOMERS HAVING ‘M’ IN THEIR NAME.

ANSWER: SELECT COUNT(\*)

FROM CUSTOMER

WHERE CNAME LIKE ‘%M%’;

12.WAQTD NUMBER OF CUSTOMERS NAME STARTS WITH ‘A’ OR ‘C’.

ANSWER: SELECT COUNT(\*)

FROM CUSTOMER

WHERE CNAME LIKE ‘A%’ OR CNAME LIKE ‘C%’;

13. WAQTD AVG PRICE , TOTAL PRICE ,MAXIMUM PRICE , NUMBER OF PRODUCTS WHOSE QUANTITY IS MORE THAN 100

ANSWER: SELECT AVG(PRICE),SUM(PRICE),MAX(PRICE),COUNT(\*)

FROM PRODUCT

WHERE QUANTITY > 100;

14. WAQTD MINIMUM PRICE , NUMBER OF PRODUCTS WHOSE QUANTITY IS LESS THAN 200.

ANSWER: SELECT MIN(PRICE), COUNT(\*)

FROM PRODUCT

WHERE QUANTITY < 200;

15. WAQTD NUMBER OF PRODUCTS IF THE QUANTITY IS EXACTLY 10

ANSWER: SELECT COUNT(\*)

FROM PRODUCT

WHERE QUANTITY = 10 ;

16. WAQTD MAXIMUM PRICE OF PRODUCTS, IF PRODUCT PRICE IS MORE THAN 50000.

ANSWER: SELECT MAX(PRICE)

FROM PRODUCT

WHERE PRICE > 50000;

17. WAQTD NUMBER OF CUSTOMERS WHO’S NAME ENDING WITH ‘H’.

ANSWER: SELECT COUNT(\*)

FROM CUSTOMER

WHERE CNAME LIKE ‘%H’;

18. WAQTD NUMBER OF PRODUCTS WHICH HAS CHAR ‘S’ AS THEIR 4TH CHARACTER IN NAME.

ANSWER: SELECT COUNT(\*)

FROM PRODUCT

WHERE PNAME LIKE ‘\_\_\_S%’;

19. WAQTD TOTAL QUANTITY OF ALL THE PRODUCTS .

ANSWER: SELECT SUM(QUANTITY)

FROM PRODUCT;

20. WAQTD NUMBER OF CUSTOMERS HAVING CONSECUTIVE THREE NINES PRESENT IN THEIR PHONE NUMBER.

ANSWER: SELECT COUNT(\*)

FROM CUSTOMER

WHERE PH\_NO LIKE ‘%999%’;

21. WAQTD MAXIMUM ACTUAL PRICE PRESENT IN PRODUCT TABLE.

ANS: SELECT MAX(ACTUAL\_PRICE)

FROM PRODUCT;

22. WAQTD MINIMUM ACTUAL PRICE PRESENT IN THE PRODUCT TABLE.

ANS: SELECT MIN(ACTUAL\_PRICE)

FROM PRODUCT;

23. WAQTD MAXIMUM PRICE OF THE PRODUCT WHICH IS BELONGS TO MOBILES CATEGORY.

ANS: SELECT MAX(PRICE)

FROM PRODUCT

WHERE CATEGORY =’MOBILES’;

24. WAQTD MINMUM PRICE OF THE PRODUCTS WHICH ARE BELONGS TO LAPTOP CATEGORY.

ANS: SELECT MIN(PRICE)

FROM PRODUCT

WHERE CATEGORY = ‘LAPTOP’;

25. WAQTD MAXIMUM ACTUAL PRICE AND MINIMUM ACTUAL PRICE OF ALL THE PRODUCTS WHICH ARE HAVING 2YEARS WARRANTY AND DISCOUNT OF 30%.

ANS: SELECT MAX(ACTUAL\_PRICE), MIN(ACTUAL\_PRICE)

FROM PRODUCT

WHERE WARRANTY = ‘3YEARS’ AND DISCOUNT = ‘30%’;