**QUESTIONS ON SUBQQUERY (CASE 1)**

1. WAQTD DETAILS OF STUDENTS WHOSE STUDENT ID IS GREATER THAN CHARAN.

ANS: SELECT \*

FROM STUDENT

WHERE SID > (SELECT SID

FROM STUDENT

WHERE SNAME=’CHARAN’);

1. WAQTD NAMES AND BRANCH OF THE STUDENT WHOSE IS STUDYING IN SAME BRANCH AS VINAY.

ANS: SELECT SNAME,BRANCH

FROM STUDENT

WHERE BRANCH = (SELECT BRANCH

FROM STUDENT

WHERE SNAME IN ‘VINAY’);

1. WAQTD NAME OF TEACHERS WHO IS EARNING SALARY MORE THAN KUMAR.

ANS: SELECT TNAME

FROM TEACHER

WHERE SALARY > (SELECT SALARY

FROM TEACHER

WHERE TNAME=’KUMAR’);

1. WAQTD DETAILS OF THE STUDENT WHO HAVE SAME TID NO. AS JAHIR.

ANS: SELECT \*

FROM STUDENT

WHERE TID = (SELECT TID

FROM STUDENT

WHERE SNAME=’JAHIR’);

1. WAQTD NAME AND SALARY OF THE TEACHERS WHO ARE EARNING SAME SALARY AS KIRAN.

ANS: SELECT TNAME,SALARY

FROM TEACHER

WHERE SALARY = (SELECT SALARY

FROM TEACHER

WHERE TNAME=’KIRAN’ );

1. WAQTD PH\_NO OF STUDENTS WHO ARE STUDYING IN SAME BRANCH AS (SID 🡪 1002).

ANS: SELECT PH\_NO

FROM STUDENT

WHERE BRANCH = (SELECT BRANCH

FROM STUDENT

WHERE SID = 1002);

1. WAQTD DETAILS OF TEACHERS WHOSE HAVE TID\_NO GREATER THAN RAM AND EARING SALARY MORE THAN KIRAN.

ANS: SELECT \*

FROM TEACHER

WHERE TID > (SELECT TID

FROM TEACHER

WHERE TNAME=’RAM’) AND

SALARY > (SELECT SALARY

FROM TEACHER

WHERE TNAME=’KIRAN’);

1. WAQTD ANNUAL SALARY OF TEACHERS WHO IS EARNING MORE THAN HARISH BUT LESS THAN RAM

ANS: SELECT SALARY\*12 AS ANNUAL\_SALARY

FROM TEACHER

WHERE SALARY > (SELECT SALARY

FROM TEACHER

WHERE TNAME=’HARISH’) AND

SALARY < (SELECT SALARY

FROM TEACHER

WHERE TNAME=’RAM’);

1. WAQTD DETAILS OF TEACHERS ALONG WITH THEIR ANNUAL SALARY WHOSE ANNUAL SALARY IS MORE THAN KUMAR BUT LESS THAN RAM.

ANS: SELECT TEACHER.\*,SALARY\*12 AS ANNUAL\_SALARY

FROM TEACHER

WHERE SALARY\*12 > (SELECT SALARY\*12

FROM TEACHER

WHERE TNAME=’KUMAR’) AND

SALARY\*12 < (SELECT SALARY\*12

FROM TEACHER

WHERE TNAME=’RAM’);

1. WAQTD DETAILS OF STUDENTS ALONG WITH TID\_NO, WHO HAVE SAME TID\_NO AS AMAN, AND STUDYING IN SAME BRANCH AS VINAY.

ANS: SELECT STUDENT.\*,TID

FROM STUDENT

WHERE TID = (SELECT TID

FROM STUDENT

WHERE SNAME=’AMAN’) AND

BRANCH = (SELECT BRANCH

FROM STUDENT

WHERE SNAME=’VINAY’);

1. WAQTD NAME OF TEACHER WHO HIRED AFTER KUMAR.

ANS: SELECT TNAME

FROM TEACHER

WHERE HIREDATE >(SELECT HIREDATE

FROM TEACHER

WHERE TNAME=’KUMAR’);

1. WAQTD DETAILS OF STUDENTS WHOSE DOB IS LESSER THAN VINAY.

ANS: SELECT \*

FROM STUDENT

WHERE DOB < (SELECT DOB

FROM STUDENT

WHERE SNAME = ‘VINAY’);

1. WAQTD NAME AND HIREDATE OF TEACHER WHO HIRED BEFORE TID\_NO🡪13.

ANS: SELECT TNAME,HIREDATE

FROM TEACHER

WHERE HIREDATE <(SELECT HIREDATE

FROM TEACHER

WHERE TID=13);

1. WAQTD NAME ,SALARY AND HIREDATE OF TEACHERS WHO ARE MORE EXPERIENCED THAN KIRAN.

ANS: SELECT TNAME,SALARY,HIREDATE

FROM TEACHER

WHERE EXPERIENCE >(SELECT EXPERIENCE

FROM TEACHER

WHERE TNAME =’KIRAN’);

1. WAQTD DETAILS OF TEACHERS WHO ARE LESS EXPERIENCED THAN HARISH.

ANS: SELECT \*

FROM TEACHER

WHERE EXPERIENCE <(SELECT EXPERIENCE

FROM TEACHER

WHERE TNAME =’HARISH’);

1. WAQTD NAME AND AGE OF TEACHERS WHOSE AGE IS MORE THAN THE TEACHER WORKING IN DEPT MECH

ANS: SELECT TNAME,AGE

FROM TEACHER

WHERE AGE > (SELECT AGE

FROM TEACHER

WHERE DEPARTEMENT =’MECH’);

1. WAQTD DETAILS OF STUDENTS WHO AGE IS LESS THAN THE SID\_NO 1003.

ANS: SELECT \*

FROM STUDENT

WHERE AGE < (SELECT AGE

FROM STUDENT

WHERE SID=1003);

1. WAQTD NAME,GENDER AND HIREDATE OF TEACHERS ,IF THE ARE EARNING MORE THAN THE TEACHER AGE 25.

ANS: SELECT TNAME,GENDER,HIREDATE

FROM TEACHER

WHERE SALARY >(SELECT SALARY

FROM TEACHER

WHERE AGE=25);

1. WAQTD NAME,PH\_NO AND LOCATION OF THE STUDENTS WHERE STUDENT ARE DOB IS GREATER THAN THE BRANCH ME-CS.

ANS: SELECT SNAME,PH\_NO,LOCATION

FROM STUDENT

WHERE DOB>(SELECT DOB

FROM STUDENT

WHERE BRANCH=’ME-CS’);

1. WAQTD DETAILS OF THE TEACHERS WHO HIRED BEFORE RAM.

ANS: SELECT \*

FROM TEACHER

WHERE HIREDATE <(SELECT HIREDATE

FROM TEACHER

WHERE TNAME =’RAM’);

1. WAQTD NAME AND AGE OF TEACHERS WHOSE AGE IS LESS THAN THE TEACHER WORKING IN DEPT CIVIL

ANS: SELECT TNAME,AGE

FROM TEACHER

WHERE AGE < (SELECT AGE

FROM TEACHER

WHERE DEPARTEMENT =’CIVIL’);

1. WAQTD NAME,GENDER AND HIREDATE OF TEACHERS ,IF THE ARE EARNING LESS THAN THE TEACHER AGE 30.

ANS: SELECT TNAME,GENDER,HIREDATE

FROM TEACHER

WHERE SALARY <(SELECT SALARY

FROM TEACHER

WHERE AGE=30);

1. WAQTD DETAILS OF STUDENTS WHO AGE IS MORE THAN THE SID\_NO 1002.

ANS: SELECT \*

FROM STUDENT

WHERE AGE > (SELECT AGE

FROM STUDENT

WHERE SID=1002);

1. WAQTD NAME AND AGE OF TEACHERS WHOSE IS EARNING MORE THAN THE TEACHER WORKING IN DEPT CS

ANS: SELECT TNAME,AGE

FROM TEACHER

WHERE SALARY > (SELECT SALARY

FROM TEACHER

WHERE DEPARTEMENT =’CS’);

1. WAQTD NAME AND AGE OF TEACHERS WHO HIRED BEFORE THE TEACHER WORKING IN DEPT ‘IT’.

ANS: SELECT TNAME,AGE

FROM TEACHER

WHERE HIREDATE < (SELECT HIREDATE

FROM TEACHER

WHERE DEPARTEMENT =’IT’);