1. a. SELECT project\_no FROM project JOIN works\_on ON project.project\_no = works\_on.project\_no;

b. SELECT project\_no FROM project NATURAL JOIN works\_on ON project.project\_no = works\_on.project\_no;

c. SELECT project\_no FROM project CROSS JOIN works\_on ON project.project\_no = works\_on.project\_no;

2. SELECT emp\_no, Job FROM works\_on where project\_no in (SELECT proj\_no FROM project WHERE project\_name = 'Gemini');

3. SELECT firstName, lastName FROM employee where employee\_no IN (SELECT employee\_no FROM works\_on where department\_no in (SELECT department\_no FROM department WHERE (department\_name = 'Research' or department\_name= 'Accounting')));

4. SELECT enterdates FROM workson INNER JOIN Employee ON workson.employee\_no = employee.employee\_no WHERE job = 'clerk' and department\_name = 'd1';

5. SELECT COUNT() enterdates FROM workson INNER JOIN Employee ON workson.employee\_no = employee.employee\_no WHERE job = 'clerk' and department\_name = 'd1';

6. SELECT firstName,lastname FROM employee where employee\_no in (SELECT employee\_no from works\_on WHERE job = 'manager' and project\_no ='p2');

7. SELECT DISTINCT firstName,lastname FROM employee where employee\_no in (SELECT employee\_no from works\_on WHERE COUNT(enter\_date)>=2);

8. SELECT emp\_no FROM workson LEFT OUTER JOIN Employee ON workson.dep\_name = employee.dp\_name WHERE workson.location = employee.location ;