

# Parul University

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## PIET\_Oracle DBMS\_Course

### PIET\_Oracle DBMS\_Session 8\_MCQ

Attempt : 1

Total Mark : 10

Marks Obtained : 10

#### **Section 1 : MCQ**

1. You have two tables ORDERS and CUSTOMERS. To list customers who have placed no orders and also list orders that do not have matching customers, which JOIN is best suited?

**Answer**

FULL OUTER JOIN

**Status : Correct**

**Marks : 1/1**

2. What type of JOIN automatically matches columns with the same names in both tables without explicitly specifying ON conditions, but can lead to unexpected results if columns overlap unintentionally?

**Answer**

NATURAL JOIN

**Status : Correct**

**Marks : 1/1**

3. If you want to combine two tables EMPLOYEES and PROJECTS to show only those employees who are working on at least one project and exclude employees with no projects, which JOIN would be optimal?

**Answer**

INNER JOIN

**Status : Correct**

**Marks : 1/1**

4. Given two tables, SALES (SALE\_ID, PRODUCT\_ID, QUANTITY) and PRODUCTS (PRODUCT\_ID, PRODUCT\_NAME), which JOIN can accidentally cause a Cartesian product if joined without a proper ON clause?

**Answer**

CROSS JOIN

**Status : Correct**

**Marks : 1/1**

5. You want to list all orders placed along with their corresponding customers, but only if a valid customer exists for each order. Which JOIN would be the most appropriate?

**Answer**

INNER JOIN

**Status : Correct**

**Marks : 1/1**

6. Consider the following tables:

EMPLOYEES (EMP\_ID, NAME, DEPT\_ID)  
DEPARTMENTS (DEPT\_ID, DEPT\_NAME)

Which JOIN type would you use if you want to list all employees, including those who do not belong to any department, showing NULL for DEPT\_NAME where no match exists?

**Answer**

LEFT OUTER JOIN

**Status : Correct**

**Marks : 1/1**

7. Which of the following queries correctly retrieves all employees who belong to a department, showing only those records where a match is found between EMPLOYEES and DEPARTMENTS?

**Answer**

```
SELECT EMPLOYEES.EMPLOYEE_NAME, DEPARTMENTS.DEPARTMENT_NAME
FROM EMPLOYEES JOIN DEPARTMENTS ON EMPLOYEES.DEPARTMENT_ID =
DEPARTMENTS.DEPARTMENT_ID;
```

**Status : Correct**

**Marks : 1/1**

8. Which of the following queries performs a cross join between the PRODUCTS and SUPPLIERS tables?

**Answer**

```
SELECT * FROM PRODUCTS, SUPPLIERS;
```

**Status : Correct**

**Marks : 1/1**

9. Which of the following queries correctly retrieves all records from both EMPLOYEES and DEPARTMENTS tables, matching employees with their departments?

**Answer**

```
SELECT * FROM EMPLOYEES FULL JOIN DEPARTMENTS ON
EMPLOYEES.DEPARTMENT_ID = DEPARTMENTS.DEPARTMENT_ID;
```

**Status : Correct**

**Marks : 1/1**

10. Which query would return rows where an employee does not belong to any department?

```
SELECT e.emp_name
FROM employees e
  JOIN departments d ON e.dept_id = d.dept_id
WHERE d.dept_id IS NULL;
```

**Answer**

LEFT

**Status :** Correct

**Marks :** 1/1