

# Parul University

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## PIET\_Oracle DBMS\_Course

### PIET\_Oracle DBMS\_Session 6\_MCQ

Attempt : 1  
Total Mark : 10  
Marks Obtained : 10

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

1. What will be the output of the following SQL query?

```
SELECT department_id, MIN(salary) AS min_salary, MAX(salary) AS max_salary
FROM employees
GROUP BY department_id;
```

#### **Answer**

Minimum and maximum salaries for each department.

**Status : Correct**

**Marks : 1/1**

2. Which departments have an average salary greater than 50000?

```
SELECT department_id, AVG(salary) AS avg_salary
```

```
FROM employees  
GROUP BY department_id;  
HAVING AVG(salary) > 50000;
```

**Answer**

Departments where the average salary is greater than 50000.

**Status : Correct**

**Marks : 1/1**

3. Which of the following SQL queries will return the median salary for each department?

**Answer**

```
SELECT department_id, MEDIAN(salary) AS median_salary  
FROM employees  
GROUP BY department_id;
```

**Status : Correct**

**Marks : 1/1**

4. Which of the following SQL queries will rank employees by salary in descending order?

**Answer**

```
SELECT employee_id, salary, RANK() (ORDER BY salary DESC) AS  
salary_rank  
FROM employees;
```

**Status : Correct**

**Marks : 1/1**

5. Which aggregate functions can be used to retrieve the first and last values from a set of rows in Oracle?

**Answer**

First, Last

**Status : Correct**

**Marks : 1/1**

6. What is the purpose of the HAVING clause in a SQL query?

**Answer**

To filter groups after the GROUP BY clause is applied

**Status : Correct**

**Marks : 1/1**

7. Which function is used to assign a unique rank to each row within a result set based on a specified order?

**Answer**

ROW\_NUMBER

**Status : Correct**

**Marks : 1/1**

8. Which aggregate function measures how much the values in a dataset deviate from the mean?

**Answer**

STDDEV

**Status : Correct**

**Marks : 1/1**

9. Which aggregate function can handle NULL values in a column and still provide meaningful results?

**Answer**

COUNT

**Status : Correct**

**Marks : 1/1**

10. What is the purpose of using the GROUP BY clause in conjunction with aggregate functions?

**Answer**

To aggregate data into groups based on one or more columns.

**Status : Correct**

**Marks : 1/1**