
Quiz 1 – Basic SQL

Time: 15 minutes | **Marks:** 10

Schema:

Students(student_id, name, dob, department_id)

Departments(department_id, department_name)

Questions:

1. (2 marks) Write an SQL query to retrieve all students from the **Students** table who were born after **2003-01-01**.
 2. (2 marks) Display the list of **distinct department names** from **Departments**.
 3. (3 marks) Show the **name** and **department_name** of all students.
 4. (3 marks) Insert a new student record:
 - student_id = 205
 - name = 'Rafiq'
 - dob = '2004-11-10'
 - department_id = 2
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Quiz 2 – Intermediate SQL

Time: 20 minutes | Marks: 10

Schema:

Employees(emp_id, emp_name, designation, salary, dept_id)

Departments(dept_id, dept_name)

Projects(proj_id, proj_name, dept_id)

Assignments(emp_id, proj_id, hours_worked)

Questions:

1. (2 marks) List all employees with a salary greater than **50,000**.
2. (3 marks) Display the **emp_name** and **proj_name** of employees who have worked on projects, using a **JOIN**.
3. (3 marks) Find the total number of projects handled by each department.
4. (2 marks) Show all employees who are **not assigned** to any project.

If you want, I can also make these **quiz questions answerable in under 5 lines of SQL** each, with **model answers** so you can give them directly to students for self-checking after the quiz.
Do you want me to prepare that answer key?