

SQL

a).

```
SELECT d.name AS DepartmentName, COUNT(e.id) AS EmployeeCount
FROM Department d
JOIN Employees e ON e.department_id = d.id
GROUP BY d.name
ORDER BY EmployeeCount DESC
LIMIT 1;
```

The screenshot shows a database client interface with a dark theme. On the left, a sidebar lists the database 'SQLite' with version '0.1.3 beta'. Under 'Table', 'Department' and 'Employees' are listed. Under 'Column', 'id INT', 'name VARCHAR(100)', and 'department_id INT' are shown for the 'Employees' table. The main area displays the SQL query from the previous block. Below the query, a table shows the result of the query.

DepartmentName	EmployeeCount
Sales	5