###### Cairo University

Faculty of Computers and Information

IS221 - Database Systems

SQL Practical Exam -2015

**Question 1: 2.5 Grades**

Given the following table Student (SSN, Name, City) with the following data:

|  |  |  |
| --- | --- | --- |
| SSN | Name | City |
| 101 | Ahmed Mohamed Ali | Gizah |
| 102 | Ali Ahmed Abd El Tawab | Cairo |
| 103 | Ahmed Mohamed Ibrahim | Giza |
| 104 | Ismail Hafez Ahmed | Giza |

Write a DML statement to get the names of students having the name “Ahmed” as their first names only and live in Giza, and what will be the result of executing the statement?

SELECT NAME

FROM STUDENT

 (0.5) for the select , from

WHERE NAME LIKE'Ahmed%'

 (1) for like constraint

AND CITY ='Giza'

 (0.5) for the city constraint

|  |
| --- |
| Name |
| Ahmed Mohamed Ibrahim |

 (0.5) for the correct result

**Question 2: 2.5 Grades**

Write an SQL query over Northwind Database to find the all customers’ companies names and if any of them has placed orders, get his orders ID’s.

SELECT CompanyName, OrderID

0.5 for the select with right attribute

FROM Customers left join Orders

 1 for the leftouter join /right outer join

on Customers.CustomerID=Orders.CustomerID

 1 for the right condition