###### Cairo University

Faculty of Computers and Information

IS221 - Database Systems

SQL Practical Exam -2015

Name:

ID:

Group:

**Question 1: 2.5 Grades**

Given the following table Department (DeptCode, Name) and Student (SSN, Name, Major,GPA) having the following data:

|  |  |
| --- | --- |
| DeptCode | Name |
| IS | Information Systems |
| CS | Computer Science |
| IT | Information Technology |
| DS | Decision Support |

\*DeptCode data type is nchar(2)

|  |  |  |  |
| --- | --- | --- | --- |
| SSN | Name | Major | GPA |
| 101 | Ahmed | IS | 2 |
| 102 | Ali | IT | 3.4 |
| 103 | Ahmed | IS | 1.7 |
| 104 | Ismail | DS | 3.2 |

Assuming that any new student should have a major as one of the values in the DeptCode column in the department table and GAP between ZERO and FOUR, **write a DDL statement that creates the table “Student” with all required constraints.**

**Question 2: 2.5 Grades**

Write an SQL query over Northwind Database to findorders id’s and the associated customers’companiesnames who received the orders but shipped after the required date.