Faculty of Computers and Information
Information Systems Department

Assignment 1 SQL

To be delivered individually as hard copy (printed) on 12-08-2014 to your lab TA

Maximum grade is 10 to be scaled to 5

1) Provide DDL statements to create the following data base "Use suitable data types for fields and provide primary, and foreign keys"[4 grades]

- Author (authorID, firstname, lastname)
- Publisher (publisherID, name)
- Book (bookID, isbn, title, price, publisherID)
- Book_Author (bookID, authorID)

2) Provide DML syntax for the following [simple selection]
   a. List the full details of all books ordered by price descending.[1]
   b. List the full details of all books where the title includes the word 'database' and isbn start with '2014'.[1]

3) Provide DML syntax for the following [Joins + nested queries]
   a. List the title, price, and publisher name of each book.[1]
   b. Show the total price and the number of books wrote by 'Ameen'. [1]
   c. List the full details of all books written by an author with the last name 'Ameen'. [1]
   d. List the authors' details who published with the publisher 'Nahdet-Masr'. [2 grades]