

Course No: SWEN 3410
Course Title: DBMS
Date: 18/04/2018
No. of Questions: (3)
Time: 1 hour
Using Calculator (No)

University of Palestine



2nd Midterm Exam
2nd semester 2017/2018
Total Grade: 30

Instructor Name: Dr. AlaaEddin Almabhouh
Student No.: _____
Student Name: _____
College Name: Eng & IT
Dep. / Specialist: MIS & SWE
Using Dictionary (No)

Question Two: (10 Marks)

Consider the **Staff** table below and write SQL statements for the following queries:

staffId	firstName	lastName	DOB	Address	Email
1	Martin	Smith	Feb 27, 1972	1 The Avenue, NY	martin@some.com
2	Jane	Tony	Dec 12, 1967	33 Some Road, Washington	Jane@server.net
3	Kim	Alen	May 22, 1980	19 The Road, New Townsville	kim@mail.com

a) Create the **Staff** table. Use a proper data type and required constraint for each column.

List full name, age, address, and email of all staff.

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Question Three: Answer Two (2) Questions Only (10 Marks)

1) Describe the SQL Constraints.

2) Describe the data normalization process including its specific steps.

3) Describe the concept of the unary one-to-many relationship. Provide an example to support your answer.

End of Questions
Good Luck