

Course No: GTEC 4320E
Course Title: Advanced Database
Date: 09/03/2019
No. of Questions: (3)
Time: 1 hour
Using Calculator (No)

University of Palestine

1st Midterm Exam
2nd Semester 2018/2019
Total Grade: 15

Instructor Name: Dr. Mohammed Awad
Student No.: _____
Student Name: _____
College Name: Engineering
Dep. / Specialist: Software Eng.
Using Dictionary (No)

Question One:

(4 marks)

Define each of the following terms:

ETL

DW

Business Process

BI

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Question TWO:**(5 marks)**

Assume that you have this business process: "A statistical report that shows statistics about the numbers of males and females of graduates all over Palestinian universities divided by their grades "A, A-, B+, B, B-, C+, C, C-, D, F", and distributed over these faculties: IT, Engineering, Medicine, Law, & Education".

Based on the above Business process, Sketch the ETL diagram that includes the steps starting from extracting the data till loading the clean data into the DW repository

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Question THREE:**(6 marks)**

Based on the business process stated in question 2, sketch the Start Schema diagram that best designs the above business process.

End of Questions