University of Technology
Computer Sciences Department
Final Exam 2nd trial 2016-2017

Subject: Advance Databases
Class: 4th
Examiner: Anmar Ali

Branch: Info. Systems
Time: 3 Hours
Date: 13/9/2017

Note: Answer *Only Five* questions (10 marks each)

Q1. Define data warehouse, and what are the major features of data warehouse? Explain with examples.

Q2. From the architecture point of data warehouse, there are three data models, describe them with examples.

Q3. ***Answer Both:***

a. What are the three major advantages of data warehouse?
b. What are the steps that may data warehouse consist of from the software engineering point of view?

Q4. There are number of issues to consider during data integration, explain them.

Q5. ***Differentiate between:***

a. Top_down and Bottom_up data warehouse design approach.
b. Dependent and Independent data marts.

Q6. ***"Data Mining is a step of Knowledge Discovery process"***, what are the steps for knowledge discovery? Support your answer with a neat diagram.

Do Well..