

Database Systems Fundamentals
Chapter I - Basic Definitions
Amirkabir University of Technology – Winter 2017

Reminders

- a. Out of 100 points (Each part)
- b. There could be more than one correct answer. I shall accept them all.

Homework Assignment #1

Q1- Draw an ERM¹ for a hospital's database. [45 points]

Q2- Write the definitions of these terms: Field, Record, Entity, Attribute, Table
[35 points]

Q3- Compare the three levels of data abstraction. [20 points]

Special Assignment #1

Q1- Which data structures are used in a RDBMS²? [70 points]

Q2- What's the relation between a large data set and big data? (3 V's of Big Data)
[30 points]