

ICS 424 - 01 Advanced Database Systems

Quiz 3

August 14, 2006

Max. Time: 20 Minutes

Student Name: _____ Student ID: _____

Problem 1 [6 points] What is the distributed database and distributed data base management system?

Problem 2 [8 points] What are the potential advantages of distributed databases?.

Problem 3 [8 points] What is a fragment of a relation? What are its main types and why fragmentation is a useful concept in DDB design?

Problem 4 [8 points] Briefly describe the *discretionary security* and *mandatory security* mechanisms for database systems.
