Database Management (MIS 4182)

Database Management (Suggestion for Final Exam):

Chapter 14:

Short Questions:

A. What is a relational database design?

B. What are the two levels of relational schemas?

C. How many and what are the forms of functional dependencies?

D. What is anomaly?

F. How many anomalies are there?

G. Reason for null value in tuples.

H. What is Normalization.

I. Write down short descriptions of (1NF, 2NF, 3NF, BCNF)

J. What is de-normalization?

K. What is a super key?

L. What is a candidate key?

M. What is Prime and Non-Prime attribute?

N. What first normal for disallows?

O. What is a functional dependency?

P. What is polyinstantiation?

Q. What is Transitive Functional dependency?

Broad Question

A. What is Anomaly? How many anomalies are there? Draw a database and discuss and point out the anomalies from that database.

B. What is Normalization? How many normalizations are there? Draw a database and discuss 1NF, 2NF, 3NF and BCNF normal form.

Instructor: Ahmed Imran Kabir (AIK)