

CS1555 – Fall 2009
Review Questions – Week 9
Shenoda Guirguis

IMPORTANT: This is NOT a comprehensive list of review questions for the material covered in class. However, they are just a check point for yourself to help you keep up with the class.

- What is the main purpose of Normalization?
- When we say that attribute A functionally depend on B, what does that practically mean?
- When is a set of FDs are in canonical form?
- Given a set of FDs, how can you identify the primary key?
- When is a schema is said to be in 1NF, 2NF, 3NF and BCNF?
- If a schema is 3NF, then it is definitely in BCNF, true or false?
- If a schema is BCNF, then it is best optimized for join operations. True or false? Discuss.