Purdue University
Computer Science Department
CS 348: Information Systems (Spring 2008)
Prof: Bharat Bhargava

**Homework # 3**

1. Database System Concepts, 5th Edition, Silberschatz; 3.1 Page 116

2. Database System Concepts, 5th Edition, Silberschatz; 3.8 Page 118

3. Database System Concepts, 5th Edition, Silberschatz; 3.10 Page 118

4. Database System Concepts, 5th Edition, Silberschatz; 3.14 Page 119

5. When should duplicates be allowed in a relation?

6. What is a view? What is a materialized view? What do we mean by view maintenance? Give an example of each of the above concepts.

7. Under what conditions, should we allow null values in a database? How do aggregate functions treat null values?

8. What is referential integrity? Give an example.

9. What are the different types of integrity constraints? Give examples.