CHAPTER 8
DISCUSSIONS 1

Discussion 8-1

List all meaningful* FDs for the following relation schema *Student*.

Student(ID, Name, Address, Sex, Age, Dept, Dept_office, Dept_Chair,
College, Dean, AdvisorID, AdvName, AdvDept)

* You may omit trivial and redundant FDs.

Discussion 8-2

Explain how functional dependencies can be used to indicate the following:

a) a 1-to-1 relationship exists between students and advisors.

b) a many-to-1 relationship exists between students and advisors.

Student(ID, Name, Address, Sex, Age, Dept, AdvisorID)

Discussion 8-3

Explain/Define the concept of *functional dependency*.