

DATABASE SYSTEM CONCEPTS

CSE'16

Questions & Topics	Chapter
Exercises: 1.5, 1.6, 1.8, 1.10, 1.13 Instance, Schema, DML, DDL, Data abstraction and its importance in DBMS	1
Exercises: 2.6, 2.7 Super key, Prime Key, Foreign Key, Entity, Relation Types. Difference between Schema and Instance of Database. Association between a weak entity and strong entity set using E-R diagram.	2
Exercises: 3.8, 3.9, 3.24 Reasons why NULL value might be introduced in DB,	3
Exercises: 7.3, 7.5, 7.7 Difference between total participation and partial participation	7
Exercises: 8.1, 8.2, 8.5, 8.19, 8.20 Lossless Join, BCNF, 3NF,	8
Exercises: 11.3, 11.4 Dense Index, Sparse Index, Multilevel Index (with advantages and Disadvantages) Log file is fundamental in recovery mechanism	11
Exercises: 12.3 Measures of Query Cost	12
Exercises: 14.12 Isolation, Concurrency Control System, Conflict Serializability, Cascade less Schedules	14
