

St. Francis Institute of Technology  
Department of Information Technology

**DBMS Descriptive Test-1 Question Bank**

**Class: SE IT B**

**Date: 20/07/17**

1. Describe the overall architecture of DBMS with suitable diagram. (10M) (6 times) **Pg 26 of Korth or Pg 40 of Navathe**
2. List significant differences between file processing and database management system. (5 M) (4 times) **Pg 3 of Korth**
3. What do you mean by Data Modeling? Discuss different types of data models (adv. and Disadv) (10M) (3 times) **Pg 8 of Korth**
4. Discuss different users of database system (5 M) **Pg 12 of Navathe**
5. Describe ACID properties (4 times) (5 M or 10 M) **refer slides**
6. What is system catalog and metadata? (10 M) **Pg 8 of Navathe**
7. Explain following terms: Data Independence (4 times) (5 M or 10 M) **Pg 15 of Raghu Ramkrishnan**
8. What is a database? Explain with examples. Also list advantages of a database system (10 M) **refer slides and Pg 9 of Raghu Ramkrishnan**

**Subject In-Charge: Ms. Shree Jaswal**