

Northern India Engineering College, New Delhi

Database Management System (ETCS – 309)

Assignment - 1

1. List seven significant differences between a file-processing system and DBMS.
 2. Explain the difference between physical and logical data independence.
 3. What are main functions of a database administrator?
 4. Describe in detail DB system architecture.
 5. What are the different DB application architectures?
 6. Explain levels of abstraction in DBMS.
 7. What is a view? How it is related to data independence?
 8. Define the terms:
 - a. DDL
 - b. DML
 - c. DCL
 - d. Instance
 - e. Schema
 - f. Logical Schema
 - g. Physical Schema
 9. What is data model? What are the various types of data model?
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Note: Last date of submission Aug 20, 2013