

# NORTHERN INDIA ENGINEERING COLLEGE, DELHI

## Department Of Information Technology

### Assignment 1: Database Management Systems

Code ETCS-208

Marks: 05

Course Facilitator: Ms. NISHA SINGH, Assistant Professor-IT

- Note:** i) Last date of submission: 4/02/2016.  
ii) Only hand written assignment will be accepted.  
iii) No assignment will be accepted after due date.

Ques1. What is the need of weak entity set?

Ques2. Explain concurrent access anomalies.

Ques3. State the difference between procedural & nonprocedural DML. Give examples.

Ques4. Why null values are introduced in the database?

Ques5. Construct an E-R diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various tests and examination conducted.

Ques6. Explain the difference between total and partial constraints.

Ques7. Explain the distinction between condition-defined and user-defined constraints. Which of these constraints can the system check automatically?