

Enrollment No:

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GUJARAT TECHNOLOGICAL UNIVERSITY
LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH, GANDHINAGAR.
B.E. SEM - III (CE - IT) MID SEMESTER REMEDIAL EXAM. DEC - 12

Date : 04/12/2012
Time : 10:30 am to 12:00 pm
Day : Tuesday

Subject : Database Management System
Subject Code : 130703
Marks : 30

Instructions:

- 1) All questions are compulsory.
 - 2) Figures to the right indicate full marks.
 - 3) Indicate clearly, the options you attempt along with its respective Que. No.
 - 4) Draw figures and give example where necessary
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Que 1: Explain following Terms (Any Five) [10]
(1) Types of Attributes
(2) Types of System Failures
(3) Atomicity and Consistency
(4) Weak Entity Set
(5) DDL and DML
(6) Where Clause

Que 2:
(A) What is Data Abstraction? Explain Levels of Data Abstraction. [5]
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(B) Explain E-R Model [5]

OR

(B) Explain Types of Database Users [5]

Que 3:
(A) What is Deadlock? Explain Deadlock Handling Techniques. [5]
(B) What is Lock? Explain Types of Locks. [5]

OR

(A) What is Normalization? Explain 3NF. [5]
(B) Explain Advantages of DBMS versus File Processing System. [5]