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GUJARAT TECHNOLOGICAL UNIVERSITY
LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH, GANDHINAGAR.
B.E. SEM - III (CE - IT) MID SEMESTER EXAM RE-REMEDIAL – March '13

Date : 28/03/2013

Time : 09:00 a.m. to 10:30 a.m.

Day : Thursday

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

Que 1:

- (A) Explain Disadvantages of traditional File Processing System And Advantages of Database Management Systems. [5]
- (B) Draw E-R Diagram of Library Management System. [5]

Que 2:

- (A) What is Data Independence? Explain Levels of it. [5]
- (B) Explain following SQL Statements with Example. [5]
- SELECT
 - CREATE

OR

- (B) Explain Following SQL Functions. [5]
- MAX
 - MIN
 - AVG
 - SUM
 - COUNT

Que 3:

- (A) Explain various built in string functions with example. [5]
- (B) Explain Transaction State Diagram. [5]

OR

- (A) What is Join? Explain various type of joins with example. [5]
- (B) What is Serializability? Explain View Serializability. [5]