

**BACHELOR OF COMPUTER APPLICATIONS (BCA)**

**(Pre-revised)**

00985

**Term-End Practical Examination**

**December, 2013**

**CS-67(P) : RDBMS LAB**

*Time allowed : 2 hours*

*Maximum Marks : 75*

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- Note :**
- (i) *There is **one compulsory** question of **50 marks**.  
Rest 25 marks are for viva-voce.*
  - (ii) *You may use any **RDBMS** for implementation.*
  - (iii) *Make and state suitable assumptions, if any.*
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1. A database system is to be designed to keep track of fee deposited by students in a school. A student is given an Id and studies in a class. You may assume that fee for all classes is same. A student needs to deposit monthly fee of Rs. 1000/-. The database keeps fee data for only one academic year. Perform the following tasks for the proposed system :
- (a) Design and implement the normalised relations/tables for the proposed database system. You must include primary key, validation checks and referential integrity constraints in your implementation. **20**
  - (b) Enter about 5-6 sets of meaningful data in each table. **10**
  - (c) Design and implement the following forms/reports/queries for the database system : **20**
    - (i) Create a form for entering fee data.
    - (ii) List the name of the students of 10<sup>th</sup> class.

- (iii) List the number of students in each class.
  - (iv) List the students who have not paid the fee of the current month.
  - (v) Create a report/list that shows the fee paid by a student, for all the students.
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