

BACHELOR IN COMPUTER APPLICATIONS (BCA)**Term-End Practical Examination**

01124

December, 2011**CS-67P : RDBMS LAB**

Time allowed : 2 hours

Maximum Marks : 75

Note : There is *one compulsory* question in this paper carrying **50** marks. Rest 25 marks are for *viva-voce*. You may use any **DBMS** for implementation. Make suitable assumptions, if any.

1. A database system keeps track of registration of students to many courses. A student can register for at least one or at most five courses. You need to store student ID, name, phone, email Id. The course information include course ID, course name and course fee. During the process of registration as per student registration for courses, the fee is calculated.

Perform the following activities for the system given above :

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| (a) Design and implement the normalised relations/tables for the requirements given above. You should include primary key (in each table) and constraints (including referential integrity constraints,), wherever needed. | 20 |
| (b) Enter about 5-6 sets of meaningful data in each of the table. | 10 |
| (c) Design and implement the following queries/forms/reports for the database- | 20 |
| (i) Create a form for entry of courses for a student. | |
| (ii) Create a query that calculates fee to be paid by a student. | |
| (iii) Create a report that outputs the list of students registered in a course. | |
| (iv) Find the number of courses registered by each student by using a query. | |
| (v) Create a form to enter student information. | |