

**Advanced Diploma in Information Technology (ADIT) /
Bachelor in Information Technology (BIT)**

Term-End Practical Examination

December, 2007

CST-203P : RELATIONAL DATABASE MANAGEMENT SYSTEMS

Time : 1 Hour

*Maximum Marks : 30
(Weightage : 25%)*

Note : *There is one **compulsory** question carrying 20 marks. 10 marks are for viva-voce.*

1. The university offers many programs :

BCA, MCA, BIT, MBA etc.

A student can register for more than one program. Similarly a faculty can take classes in different programs.

Perform the following activities for the problem statements given above :

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|--|---|
| (i) Identify the appropriate schemas. | 4 |
| (ii) Create the tables specifying keys, data types, validation checks and constraints, if any. Insert 5 sets of meaningful data in each of the tables. | 4 |
| (iii) Create two views of the relation | 4 |
| • Administrator | |
| • Students | |
| (iv) Write four queries using SQL covering all entities and relationships. | 8 |

