

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

**Term-End Practical Examination**

**June, 2007**

**CST-203P : RELATIONAL DATABASE MANAGEMENT SYSTEMS**

*Time : 1 Hour*

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

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

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1. Consider the following schema :

Employee (emp\_id, name, designation, city, age)

Company (company\_name, city)

Works (emp\_id, company\_name, salary)

Perform the following activities for the relations given above :

- (a) Create the tables specifying keys, data types, validation checks and constraints, if any. Insert 5 sets of meaningful data in each of the tables. 10
- (b) Run the following queries using SQL :
- (i) Find the names of employees who live in the same city as the company for which they work.
  - (ii) Find the names of employees who are working in XYZ company.
  - (iii) List the names of employees who are working in ABC company in Delhi.
  - (iv) List the names of employees who are working in a company located in Hyderabad whose salary is above Rs. 50000.
  - (v) List the names of employees who are working in software development company as a Product Manager. 10