

**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%)

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

1. Consider the following schema :

Taxi_Driver (Driver_id, age, salary)

Taxi (Taxi_type, colour, year_of_manufacturing)

Drives (Driver_id, Taxi_type, days)

Perform the following activities for the relations given above :

(a) Create the tables specifying keys, data types, validation checks and constraints.
Insert 5 sets of meaningful data in each of the tables. 10

(b) Run the following queries using SQL :

(i) List the drivers who drive Maruti taxi only on weekdays.

(ii) List the drivers who drive white Indica only on weekends.

(iii) List the drivers whose age is 35 years who drive red taxi on weekdays.

(iv) List the drivers who are earning Rs. 15000 per month.

(v) List the taxis which are more than 10 years old. 10