

Bachelor in Information Technology (BIT)
Term-End Practical Examination
June, 2007

CSI-20P : DATABASE MANAGEMENT SYSTEMS

Time : 1 Hour

Maximum Marks : 30
(Weightage : 15%)

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

1. Consider the following schema :

Taxi_Driver (Driver_name, age, address, salary)

Drives (Driver_name, Taxi_model, day)

Taxi (Taxi_model, colour, year_of_manufacturing)

Perform the following activities for the relations given above :

- (a) Create the tables specifying the keys, datatypes and constraints, if any. Insert 5 sets of meaningful data in each of the tables. 5
- (b) Run the following queries using SQL :
- (i) Find the names of all drivers whose age has crossed 30.
 - (ii) List the names of drivers whose salary is minimum Rs. 3000.
 - (iii) List the names of taxi models which are 10-year-old and of yellow colour.
 - (iv) Find the names of all drivers who stay in the same city.
 - (v) Find the names of all drivers who drive 5-year-old, blue colour taxis at the weekends. 15