

**Bachelor in Information Technology (BIT)****Term-End Practical Examination****December, 2007****CSI-20P : DATABASE MANAGEMENT SYSTEMS***Time : 1 Hour**Maximum Marks : 30**(Weightage : 15%)*

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

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1. Consider the following schema :

Faculty\_details (F\_ID, Name, Address, Highest qualification)

Course\_details (Course\_code, Course\_title, Course\_summary)

Time\_Table (Day, Time, Location, Course\_code, Session\_type, F\_ID)

Session type could be lecture or practical etc. Location could be Room1 or Lab etc.

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. 8

(b) Run the following queries using SQL : 12

(i) List all the lectures being held in Hall1 throughout the week by a particular faculty.

(ii) Find all the practical classes being conducted in Lab1 on Monday & Friday between 3 – 6 PM.

(iii) Find out the number of hours of classes (Lectures + Practicals) conducted by each faculty during the week.

(iv) Find out the number of hours of classes conducted on DBMS by a particular faculty.

