

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

00194

Term-End Practical Examination

December, 2014

BCSL-034(P)/S3 : DATABASE MANAGEMENT SYSTEMS LAB

Time : 1 Hour

Maximum Marks : 50

- Note :**
- (i) There are **two** questions in this paper carrying 20 marks each.
 - (ii) Answer both of them.
 - (iii) 10 marks are for viva-voce.

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1. Create the following database as indicated below : 20

EMPLOYEE (EMP_NAME, ADDRESS, CITY)

WORKS (EMP_NAME, COMPANY_NAME, SALARY)

COMPANY (COMPANY_NAME, CITY)

MANAGES (EMP_NAME, MANAGER_NAME)

Select appropriate datatypes for each of the fields. Select the primary keys.
Input meaningful data of at least 5 records each.

2. For the above database in Q.1, answer the following queries using SQL : 5×4=20
- (a) Find all the employees who work for "DCC Systems".
 - (b) Find the address and cities of all the employees who work for "DCC Systems".
 - (c) Change the address of the employee named "Rahul".
 - (d) Find all the employees who live in the same city where their companies are.
 - (e) Find the MANAGER_NAME of the employee "Kishan".