

BACHELOR OF COMPUTER APPLICATIONS (Revised)
(BCA)

00344

Term-End Practical Examination

December, 2014

BCSL-034(P)/S4 : 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

ENROL (S#, C#, SECTION)

TEACH (PROF, C#, SECTION)

where C# represents Course number, S# represents Student number, PROF represents the Professor, SECTION represents the sections in the same class. Underlined are the primary keys. Input meaningful data of at least 10 records.

2. For the above database in Q.1, answer the following queries using SQL : 5×4=20
- (a) List all the students who have opted for Course number "123".
 - (b) List all the courses taught by Professor "Diwakar".
 - (c) List all the students who are taught by Professor "Mishra".
 - (d) List all the students numbers and sections who study Course number "171".
 - (e) List all the Professors.
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