

**BACHELOR OF COMPUTER APPLICATIONS (Pre-revised)
(BCA)**

Term-End Practical Examination

June, 2015

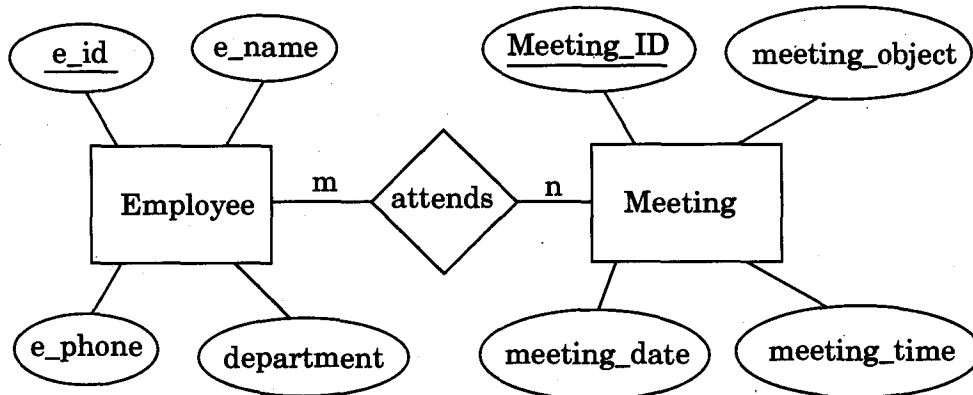
CS-67(P)/S4 : RDBMS LAB

Time : 2 Hours

Maximum Marks : 75

- Note :**
- (i) There is **one compulsory** question in this paper carrying 50 marks. Rest 25 marks are for viva-voce.
 - (ii) You may use any RDBMS for implementation.
 - (iii) Make and state suitable assumptions, if any.

1. A database system is to be designed to keep track of employees who attends various meetings :



An employee attends many meetings, of course at different times, and one meeting is attended to by many employees.

Perform the following tasks for the given E-R diagram :

- (a) Design and implement normalised relations/tables for the given E-R diagram. You must include primary key, validation checks and referential integrity constraints in the relations/tables.

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- (b) Enter about 5 – 6 sets of data in each table. 10
- (c) Design and implement the following queries/forms/reports for the database : 20
- (i) Create two forms — one for entering employee data and second for entering meeting data.
 - (ii) List details of the employees of the “Computer” department.
 - (iii) List the names of the employees who have attended the meeting whose meeting_id is “M001”.
 - (iv) Count the number of meetings attended by the employee having e_id = “E001”.
 - (v) Show the details of all the meetings in the order of meeting date.
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