

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

**Term-End Practical Examination**

00275

June, 2017

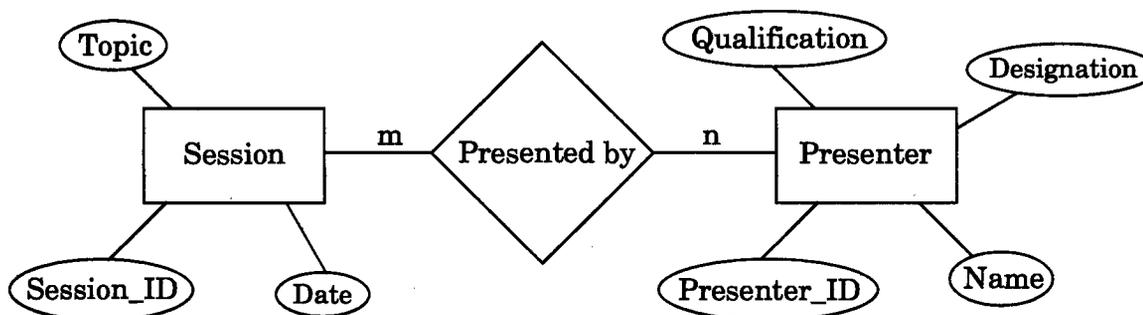
**CS-67(P)/S3 : RDBMS LAB**

Time : 2 Hours

Maximum Marks : 75

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- 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.
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1. The relationship between workshop sessions and their presenters is shown in the following ERD :



You may assume that a session can be taken by one or many (up to 4) presenters and a presenter may take several sessions. Perform the following tasks for the ER diagram :

- (a) Design and implement normalised relations/tables. You must include primary key, validation checks and referential integrity constraints in your implementation.

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- (b) Enter about 5 – 6 sets of meaningful data in each table that you have created in part (a). 10
- (c) Design and implement the following queries/forms/reports for the database : 20
- (i) Create two forms — one for entering session information and the other for entering presenter information.
  - (ii) List the date of the session in which topic “DBMS” is going to be presented.
  - (iii) List the qualifications of all the presenters.
  - (iv) Create a sessionwise report along with the presenter(s) name.
  - (v) Count the number of sessions being taken by a presenter whose Presenter\_ID is “P001”.
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