No. of Printed Pages : 2

BACHELOR OF COMPUTER APPLICATIONS (Pre-revised)
(BCA)
Term-End Practical Examination
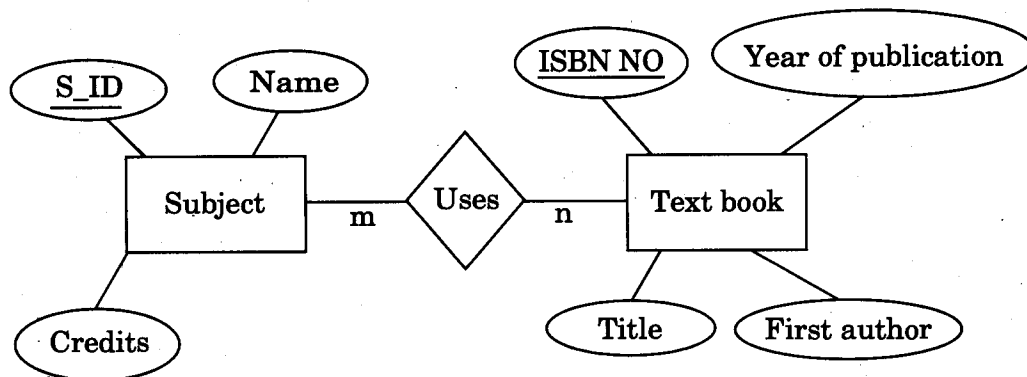### June, 2015

CS-67(P)/S2 : 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 record the information about subjects and related text books. The following E-R diagram shows this :

A text book can be used for many subjects; and one subject may use many text books.

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

(a) Design and implement normalised relations/tables for the E-R diagram. You should include primary key, validation checks and referential integrity constraints in your implementation. *20*

(b) Enter 5 – 6 sets of meaningful data in each of the tables. *10*

(c) Design and implement the following forms/queries/reports for the database system created by you : *20*

(i) Create two forms — one for entering subject information and second for entering text book information.

(ii) List all the text books which have been published after 2010.

(iii) Find the number of text books that are being used for the subject whose name is "DBMS Lab".

(iv) Find the subject having maximum credits.

(v) List all the books whose first author is "Rohan".

———