BACHELOR OF COMPUTER APPLICATIONS (BCA) (Revised)

Term-End Examination   00758

June, 2016

BCSL-034 - Set - 3 : DATABASE MANAGEMENT SYSTEMS LAB

Time : 1 hour   *Maximum Marks : 50*

Note : (i)   *There are 2 questions in this paper carrying 20 marks each.*

(ii) *Answer them both.*

(iii) *10 marks are for viva-voce.*

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1.   Create a database for the following schema :   **20**

BOOK (ISBN, Title, Publisher_Name, Author_Name, Price, Year_of_Pub)

AUTHOR (Author_ID, Author_Name, ISBN, Addr1, Addr2, City, State)

The key fields are underlined. Select appropriate datatypes for the fields. Input 10 meaningful records.

2.   For the above database created in Q1, answer the following queries using SQL :   **5x4=20**

(a)   List all the books published by Publisher_Name = "ABC Publishing House".

(b)   List all the author names, Author_ID, ISBN who belongs to "DELHI" city.

(c)   List all the prices of books greater than ₹ 500 and published in 2015 by "ABC Publishing House".

(d)   List all the Author_ID's and Author_Names who belongs to Haryana state.

(e)   List the Author_Name of book with ISBN No. "11231142364".