

**BACHELOR OF COMPUTER APPLICATIONS (Revised)**  
**(BCA)**

**Term-End Practical Examination**

**June, 2017**

02148

**BCSL-034(P)/S1 : DATABASE MANAGEMENT SYSTEMS LAB**

*Time : 1 Hour*

*Maximum Marks : 50*

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- Note :**
- (i) *There are two questions in this paper carrying 20 marks each.*
  - (ii) *Answer both of them.*
  - (iii) *Rest 10 marks are for viva-voce.*
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1. Create the following tables with the fields given below :  
 STU\_DETAILS (ENO, SNAME, DOB, ADDR1, ADDR2, CITY, COUNTRY)  
 MARK\_DETAILS (ENO, MARKS1, MARKS2, MARKS3, TOTAL)  
 Select an appropriate primary key. Input at least 10 meaningful records. Select appropriate data types for all the fields. 20
  
  2. For the above tables designed in Q.1, answer the following queries using SQL :
    - (a) To display the student name of the student who scored the highest TOTAL. 4
    - (b) To display the MARKS1 of all the students. 4
    - (c) To display the ENOs of all the students who scored >50 marks in MARKS2. 4
    - (d) Alter the table MARK\_DETAILS to add a column AVG with appropriate data type. 4
    - (e) Using appropriate command drop the column COUNTRY from STU\_DETAILS. 4
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