

81253

No. of Printed Pages : 2

BCSL-034/S1

**Bachelor of Computer
Application (Revised) (BCA)
Term-End Examination
December, 2018**

**DATABASE MANAGEMENT
SYSTEMS LAB**

Time : 1 Hour

Maximum Marks : 50

Note : (i) There are *two* compulsory questions in this paper.

(ii) Each question carries 20 marks.

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

1. Create the following tables with the fields given below : 20

TEACHER (T_ID, Department, Year_of_Exp, Name)

SUBJECT_PAPER (Sub_Paper_ID, T_ID, Title_of_Paper, Programme, Semester)

Select appropriate primary keys. Input at least 5 meaningful records in the tables. Select appropriate data types for all the fields.

2. For the tables designed in Question No. 1 above, answer the following queries using SQL : 4 each

- (a) Display Name and Year-Of-Exp of all the teachers of "Computer Science" department.
- (b) Display name of teacher and department of all the teachers who have more than 5 years of experience.
- (c) List the file of Subject_Paper which are handled by T_ID = 1010.
- (d) List the name of Programme and Semester of paper titled "C Programming".
- (e) List name of all the teachers of "Physics" department.