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BCSL-034/S4

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

**DATABASE MANAGEMENT  
SYSTEMS LAB**

*Time : 1 Hour*

*Maximum Marks : 50*

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- Note :** (i) There are *two* compulsory questions in this paper.  
(ii) Each question carries 20 marks.  
(iii) Rest 10 marks are for viva-voce.
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1. Create the following tables with the fields given below : 20

EMPLOYEE (E\_ID, Name, Age, Address, Salary, Dep\_ID)

DEPARTMENT (Dep\_ID, Name, City)

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 Dep\_ID of all the departments in city "Delhi".
- (b) Display name and age of the employees working in Dep\_ID = 1001 and their salary is more than ₹ 10,000/- p.m.
- (c) Find total number of employees whose salary is less than ₹ 50,000/- p.m.
- (d) Display name and salary of all the employees whose age is more than 50 years.
- (e) Display name and E\_ID of all the employees who work in Dep\_ID = 11011.