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BCSL-034/S3

**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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(A-8) P. T. O.

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

PRODUCT (Product\_ID, Supplier\_ID, Product\_Name, Category, Price, QuantityAvailable)

SUPPLIER (Supplier\_ID, Name, Area, 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) List price and product name of all the products whose QuantityAvailable is more than 100.
- (b) Display product name and category of all the product whose price is more than ₹ 1,000/-.
- (c) Display product name and product\_ID of the products which are supplied by Supplier\_ID = 10111.
- (d) Display name and area of all the suppliers of city "Mumbai".
- (e) Display the number of products which are of price more than ₹ 1,500 and QuantityAvailable is more than 5.