

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

Term-End Examination

01988

June, 2016

**BCSL-034 Set - 1 : DATABASE MANAGEMENT SYSTEMS
LAB**

Time : 1 hour

Maximum Marks : 50

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- 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 the following database defined below : 20
SUPPLIER (Supplier #, Company_Name, City)
PARTS (Part #, Weight)
SUPPLY_PARTS (Supplier #, Part #)
PROJECTS (Project #, Part #, Quantity)
ORDERS (Part #, Supplier #, Date_of_Delivery)
Select appropriate datatypes for each of the fields. Input meaningful data of at least 10 records.
2. For the above database created in Q1, answer the following queries using SQL : 5x4=20
(a) Find all the parts supplied by supplier "123".
(b) Find the cities where supplier "324" is located.
(c) Find another supplier who supplies at least one part supplied by supplier "431".
(d) Find all the projects where part "P7" is used.
(e) Find all the suppliers who supplies part "P5".
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