

Seat No.	
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**B.C.A. (Faculty of Commerce) (Part - II) (Semester - IV)****Examination, April - 2016****DBMS USING MS-ACCESS****Sub. Code : 63405****Day and Date : Thursday, 28-04-2016****Total Marks : 80****Time : 3.00 p.m. to 6.00 p.m.**

- Instructions :**
- 1) Attempt any five questions.
  - 2) Figures to the right indicate full marks.

- Q1)** a) Define DBMS. Explain the advantages of DBMS. [8]  
b) Explain the relational data model with its advantages. [8]
- Q2)** a) Explain serial file organization & random access file organization in detail. [8]  
b) Explain distributed database system with its advantages & limitations. [8]
- Q3)** a) Explain Hierarchical data model with its advantages & limitations. [8]  
b) Explain different types integrity constraints. [8]
- Q4)** a) Explain any two fundamental operations in relational algebra with example. [8]  
b) Explain DML commands with its syntax. [8]
- Q5)** Explain layered architecture of DBMS with its diagram. [16]

- Q6) a) Explain different features of MS-Access. [8]  
b) What is data independence? Explain in detail. [8]

- Q7) a) Explain different DDL commands with its syntax. [8]  
b) Write brief note on report feature of MS Access. [8]

Q8) Write notes on (Any Two): [16]

- a) Normalization.  
b) Bank Management System.  
c) Database administration.

