



SA - 434

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Seat No.	
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**B.C.A. (Faculty of Commerce) (Part- II) (Semester - IV)  
Examination, May - 2019**

**DBMS using MS Access (Revised) (Paper - 403)**

**Sub. Code : 63405**

**Day and Date : Friday, 10 - 05 - 2019**

**Total Marks : 80**

**Time : 02.30 p.m. to 05.30 p.m.**

- Instructions :**
- 1) Attempt any 4 questions form Q. 1 to Q. 7.
  - 2) Q. 8 is Compulsory.

**Q1)** What is normalization? Explain 1NF, 2NF, 3NF with appropriate example.

[16]

**Q2) a)** Explain different types of database system.

[8]

b) What is mean by constraints in DBMS? Explain different types of constraints in DBMS.

[8]

**Q3) a)** What are the different features of MS-Access.

[8]

b) What is SQL? Explain different features of SQL and data types used in SQL?

[8]

**Q4) a)** Explain different aggregate functions in SQL.

[8]

b) Explain overall system structure of DBMS

[8]

**Q5) a)** Explain different types of data models in DBMS

[8]

b) Explain the following with examples

[8]

i) Insert command

ii) Delete command

iii) Update Command

iv) Select Command

**P.T.O.**

**Q6)** What is an entity? What is a relationship? Explain E-R modeling with the help of database for student management system? [16]

**Q7) a)** Write proper steps to create report using MS-Access. [8]

b) What are the advantages of DBMS. [8]

**Q8)** Write short notes on (Any Four) [16]

a) Data independence

b) Network model

c) Primary key and foreign key

d) DBA

e) Disadvantages of DBMS

