



SA - 485

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**B.C.A. (Part - II) (Semester - IV) Examination, May - 2018**

**DBMS USING MS-ACCESS (Paper - 403)**

**Sub. Code : 63405**

**Day and Date : Wednesday, 02 - 05 - 2018**

**Total Marks : 80**

**Time : 11.00 a.m. to 2.00 p.m.**

- Instructions :**
- 1) Q.No. 8 is compulsory.
  - 2) Solve any Four questions from QNo-1 to QNo-7.
  - 3) All questions carry 16 marks.

**Q1) a) What is normalization? Explain 1 NF, 2NF and 3NF. [8]**

b) Explain any four aggregate functions used in SQL. [8]

**Q2) What is DBMS? Explain various advantages and disadvantages of DBMS[16]**

**Q3) a) Explain how tables are created with example. [8]**

b) How tables are altered? Give its options with example. [8]

**Q4) a) Explain sequential and random access file organization. [8]**

b) Describe various data types used in SQL with example. [8]

**Q5) a) Explain various set operators used in relational algebra. [8]**

b) Explain any two DML statements used in SQL. [8]

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Q6) What is data model? Explain types of record based models. [16]

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

b) Explain select statement with order by clause. [8]

Q8) Write short answers (Any Four) [16]

a) Services provided by DBMS

b) File processing system.

c) Schema and subschema

d) Distributed database system.

e) Foreign key concept.

