Seat
No.

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.

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