Seat No.

B.C.A. (Faculty of Commerce) (Part - II) (Semester - IV) (Revised) Examination, November - 2018
DBMS Using Ms Access (Paper - 403)
Sub. Code: 63405

Day and Date : Monday, 19 - 11 - 2018   Total Marks : 80
Time : 2.30 p.m to 5.30 p.m.

Instructions :   1)   Attempt any four questions from Q.1 to Q.7
                   2)   Q.8 is compulsory.

Q1) a)   Define DBMS. Explain needs and features of DBMS in detail.   [8]
       b)   Explain the difference between file processing system and DBMS.   [8]

Q2) a)   What are the different characteristics of DBMS? Explain it in detail. [8]
       b)   Draw the architectural diagram of DBMS and explain it in detail.   [8]

Q3) Explain file organization of DBMS in detail.   [16]

Q4) a)   What are different aggregate functions in SQL?   [8]
       b)   Explain different types of database systems.   [8]

Q5) a)   What are the different operators in SQL. Explain it.   [8]
       b)   Explain different types of constraints used in DBMS.   [8]

Q6) What is mean by relational algebra? Explain different types of operations on relatoinal algebra with an example.   [16]

Q7) a)   What are the different features of MS-Access.   [8]
       b)   What is SQL? Explain different DML and DDL commands in SQL   [8]

Q8) Write short notes on (Any four):   [16]
       a)   Data dictionary
       b)   Services provided by DBMS
       c)   Data abstraction
       d)   Cardinality
       e)   Relationships in DBMS

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