Seat
No.

B.C.A. (Part - II) (Semester - IV) Examination, November - 2017
DBMS USING MS-ACCESS (Paper - 403)
Sub. Code : 63405

Day and Date : Wednesday, 08 - 11 - 2017
Time : 02.30 p.m. to 05.30 p.m.

Total Marks : 80

Instructions :
1) Q.No.8 is compulsory.
2) Solve any Four questions from Q.No.1 to Q.No.7.
3) Each question carries 16 marks.

Q1) a) Explain relational and network model with example. [8]

b) Write proper steps to create report using MS-Access. [8]

Q2) What is normalization? Explain various forms of normalization with example. [16]

Q3) a) Explain concept of primary key and foreign key. [8]

b) Explain various operators used in SQL. [8]

Q4) a) What are the advantages of DBMS? [8]

b) Draw diagram and explain architecture of database system. [8]

Q5) a) What are the fundamental operations carried on relational algebra? [8]

b) What is constraint? Explain any three types of constraints with example. [8]

P.T.O.

Q6) What is file? Explain file types in detail. [16]

Q7) a) Compare file processing system with DBMS. [8]

b) Explain various SQL data types. [8]

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

a) Heap file organization

b) Data abstraction and data independence

c) Centralized database system

d) Features of SQL

e) Alter table statement