

B.Sc. (Part-II) (With Credits)-Regular-Semester 2012 Sem III
B.Sc.23141 - Computer Science : Paper-I
(Data Base Management System & Ms-Access)

P. Pages : 2

Time : Three Hours



GUG/W/16/3334

Max. Marks : 50

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram wherever necessary.
 3. Avoid vague answers and write answers relevant and specific to questions only.

1. Either :
- a) What is database? 5
Discuss the advantages of Databases.

- b) Differentiate Centralized DBMS and Distributed DBMS. 5

OR

- c) List and explain Database Applications. Explain Uncontrolled Redundancy in short. 5

- d) Describe three tier Architecture. 5

2. Either :
- a) Write a note on construction of E-R diagram and also give its example by which illustrates different symbols use in it. 5

- b) Describe the Second Normal Form in detail. Give example to illustrate it. 5

OR

- c) Explain :- 5

- i) Attributes, ii) Relationship.

- d) Write a brief note on Relational Algebra. 5

3. Either :
- a) Differentiate between row and column. Define Table. Also give suitable example. 5

- b) Describe the characteristics and features of Ms-Access. 5

OR

- c) Write a note on :- 5

- i) Queries, ii) Forms.

- d) Write down the steps to create a database from a Blank database. Give one specimen. 5

4. Either :
- a) What is Wildcard? 5
Explain wildcard character with suitable example.
 - b) What is Macro in Ms-Access? 5
List and explain general kinds of data macros.

OR

- c) What is Query? 5
List and explain types of Queries.
 - d) Write down on Report in Ms-Access. Also explain about its procedure to generate it. 5
5. Attempt all the questions :-
- a) What is Data Dictionary? 2½
 - b) Define Primary Key. 2½
 - c) Explain about editing Table. 2½
 - d) What is Cross tab query? 2½
