

B.Sc. (I.T.) I (with Credits)-Regular-Semester 2012 Sem II
2BIT4 - Database Management System Paper - IV

P. Pages : 2

Time : Three Hours



GUG/W/16/5544

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagram wherever necessary.

Either

1. a) What do you mean by traditional method of storing data? Write down the pitfalls of such mechanism. 8
- b) Write a short note on Data Abstraction. 8

OR

- c) Explain different responsibilities of DBA. 8
- d) List the advantages and disadvantage of 3-Tier architectures. 8

Either

2. a) What is Data Model? Explain the various types of Data Model. 8
- b) Explain First Normal form with suitable example. 8

OR

- c) What is functional dependency and Transitive dependency? 8
- d) What is relational algebra? Explain. 8

Either

3. a) Explain the two parts of Table Design View. 8
- b) What is Ms-Access and note down the characteristic of Access. 8

OR

- c) Write a procedure to:
i) Insert a record. 8
ii) Modifying the record.
- d) Explain different data types used in MS-Access. 8

Either

4. a) Explain the various criteria that can be specify in the queries using suitable example. 8
- b) Write a procedure to create a query from two tables. 8

OR

- c) What is Macro? Write a Macro to display the created reports using MS-Access. **8**
- d) What do you mean by Query Wizard? Explain. **8**
- 5.** Solve all the question.
- a) Explain the concept of data processing. **4**
- b) Define and explain partial dependency. **4**
- c) What do you mean by table? Explain. **4**
- d) Write a note on printing a report. **4**
