Roll No. ....

57025

BBA 3rd Semester (Old) 2011-14
Examination – November, 2017

DATABASE MANAGEMENT SYSTEM

Paper : BBA-305

Time : Three Hours]   [Maximum Marks : 50

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : **Section – A** is *compulsory.* Attempt *one* question from each Unit in **Section – B**. All questions carry equal marks.

SECTION – A

1. (a) What is a firewall ?

   (b) What is Data?

   (c) What is DBMS (Database Management System) ?

   (d) What are different types of database systems ?

   (e) List any six applications of internet in databases.

SECTION – B

UNIT – I

2. What the advantages of database management system are over file oriented system ?

3. Specify the responsibilities of Database administrator in managing the data and information.

UNIT – II

4. (a) Explain data independence. Describe its different types.

(b) Explain centralized and client server database architecture.

5. Explain how logical and physical data independence is achieved by having a three level architecture for DBMS.

UNIT – III

6. Why are distributed databases preferred? Cite the advantages and limitations of distributed databases.

7. Explain the various database security techniques.

UNIT – IV

8. Describe the characteristics of :

(a) Mobile Databases

(b) Digital Libraries

9. Write short note on data warehousing and data mining.

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