

Roll No.

57535

**BBA 4th Semester (N. S.) 2014-17
Examination – May, 2024**

DATABASE MANAGEMENT SYSTEM

Paper : BBAN-405

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 : Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

1. (a) Define data dictionary 2 × 5 = 10
(b) Define Schema
(c) Explain database security
(d) Differentiate between data warehouse and data mining
(e) Explain mobile database

57535-5150-(P-3)(Q-9)(24)

P. T. O.

UNIT – I

2. What is data dictionary ? Explain its functions and how it is used in a database management system. 10
3. What is a file oriented system ? How it is different from a database system ? 10

UNIT – II

4. What is mapping in a database system ? Explain how it is used to translate data between different data models. 10
5. What are different types of database system ? Explain briefly. 10

UNIT – III

6. Explain the following :
(a) Database security 5
(b) Firewalls 5
7. Explain the following :
(a) Architecture of distributed database 5
(b) Features of distributed database 5

57535-5150-(P-3)(Q-9)(24) (2)

UNIT – IV

8. What are data warehousing and data mining ?
Describe their importance in managing and analyzing
large volumes of data. 10
9. What is spatial database ? Explain its functions and
how it is used in geographic information systems. 10
-