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BBA 4th Semester (N.S.) 2014 –17 Examination,  
May-2025

**DATABASE MANAGEMENT SYSTEM**

**Paper-BBAN-405**

Time allowed : 3 hours ] [ Maximum marks : 50

*Note : Attempt five questions in all, selecting one question from each unit. Q. No. 1 is compulsory.*

1. Write short note on following : 10
- (i) File
  - (ii) Schema
  - (iii) Threat
  - (iv) Mobile Database

**Unit-I**

2. Define Data Dictionary. Explain its types and components. 10
3. Define Database System Compare it with File Oriented System. 10

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**Unit-II**

4. Describe the three level Database architecture. Also explain its objectives. 10
5. Define Mapping. Also explain its types in detail. 10

**Unit-III**

6. Describe the different types of Threats to the Database Security. 10
7. Define Database Recovery and also explain its need. 10

**Unit-IV**

8. Define Data Mining. Explain various phases of Data Mining. 10
9. Explain the following : 10
- (i) Digital Library
  - (ii) Spatial Database