

M.B.A. (CBCS Pattern) Semester - III
**PCB3ED1 - Database Management System : Information Technology
Management**

P. Pages : 1

Time : Three Hours



GUG/S/23/10698

Max. Marks : 70

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- Notes : 1. Attempt **any five** questions.
2. All questions carry equal marks.

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| 1. | What is DBMS? Elaborate the various components of database management system. | 14 |
| 2. | What is normalization? Discuss the types of Normal forms. | 14 |
| 3. | Write the aspects of ER modeling. Explain practical applications of ER modeling. | 14 |
| 4. | Explain SQL with its element and benefits. | 14 |
| 5. | Discuss the role and responsibilities of Database Administrator. | 14 |
| 6. | What is Datamining and Data warehousing? Explain the storage methods and success parameters of data warehousing. | 14 |
| 7. | Explain object oriented Database management system. Write the difference between OODBMS and RDBMS. | 14 |
| 8. | Discuss Relational Model in detail. | 14 |
| 9. | Discuss the various issues in Data Mining related to database security and database control. | 14 |
| 10. | Writes short notes on any two . | 14 |
| | a) Web Data Analysis. | |
| | b) Digital Library. | |
| | c) Cryptography. | |
| | d) Data security-Threats and Risk. | |
