

M.B.A. (CBCS Pattern) Semester-III
SP01 / PCB3ED1 - Database Management Systems

P. Pages : 1

Time : Three Hours



GUG/S/25/10698

Max. Marks : 70

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

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| 1. | Discuss about DBMS Models and DBMS Architecture. | 14 |
| 2. | What is Normalization? Explain types of Normalization forms. | 14 |
| 3. | Discuss about aspects of ER modeling with types of Relationship Modeling and its Practical Applications. | 14 |
| 4. | Write about various elements of SQL with its benefits in brief. | 14 |
| 5. | Explain various DDL and DCL commands. | 14 |
| 6. | Discuss the concept of Data Mining with its functions and applications. | 14 |
| 7. | What is Data Warehousing? Explain its storage methods briefly. | 14 |
| 8. | Explain object Technology, RDBMS and OODBMS briefly. | 14 |
| 9. | Discuss about Database security with its Threats and Risk. | 14 |
| 10. | Write short notes on any two . | 14 |
| | a) Digital Libraries | |
| | b) Database Control | |
| | c) Web Data Analysis | |
| | d) Dynamic SQL | |
