

M.B.A. CBCS Pattern Semester-III  
**PCB3ED1 - Database Management Systems**

P. Pages : 1

Time : Three Hours



**GUG/W/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 Database Management System (DBMS) Discuss its Architecture. | 14 |
| 2.  | What is normalization. Discuss the types of normal form.            | 14 |
| 3.  | Discuss the aspect of E.R. modelling with types of relationship.    | 14 |
| 4.  | Discuss the history of SQL. Explain the benefits of SQL.            | 14 |
| 5.  | Explain DDL and DML Command in brief.                               | 14 |
| 6.  | Explain the concept of Data Mining with function of Data Mining.    | 14 |
| 7.  | Explain the history and storage methods of Data warehousing.        | 14 |
| 8.  | What is object technology. Explain RDBMS and OODBMS in details.     | 14 |
| 9.  | What is deductive database. Write its features.                     | 14 |
| 10. | Write short note on <b>any two</b> .                                | 14 |
|     | a) Cryptography.  |    |
|     | b) Digital Library.   |    |
|     | c) Data security.   |    |
|     | d) File Management System (FMS).                                    |    |

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