

MAY 2012

**P/ID 77525/PMEJ/  
PMBS1**

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Time : Three hours

Maximum : 100 marks

PART A — (5 × 6 = 30 marks)

Answer any FIVE questions.

1. Explain the functions of E-R diagrams.
2. What are the benefits of concurrency management?
3. Write short note on “Atomicity”.
4. What are the do’s and dont’s involved in designing forms?
5. What are the functions of IDMAS software?
6. List out the challenges involved in Handling data security.
7. How a ENOVS handling systems used in Database management?
8. Differentiate DBMS and RDBMS with its merits and demerits.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

9. Explain the various types of Data models and its applications.
10. Explain the methods of query processing and data transformation systems.
11. Discuss the best practices of creating and designing a graphical objects.
12. How a program is developed in retrieving and saving data? Give illustrations.
13. Explain the functions of software IMS and PC and its applications in DataBase Management Systems.
14. Discuss the methods and techniques of database integrity and security system in Business Applications.
15. “Database administrator role and responsibility are very vital role in data management”-Discuss.
16. Explain the methods of database operations and acquisition.

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PART C — (1 × 20 = 20 marks)

Compulsory

17. Assume that you are a database management consultant for a Globely operating multinational bank. How will you design the network and relational models for the bank to keep link of customers.
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