

Roll No.

Subject Code—2210-X

M.B.A EXAMINATION

(Third Semester)

(2 Years—New Scheme)

(Re-appear)

ITM-321

DATABASE MANAGEMENT SYSTEMS

Time : 3 Hours

Maximum Marks : 100

Note : Attempt any *Five* questions. All questions carry equal marks.

1. Define Data Models. Explain various types of data base management models with their merits and demerits.
2. What are various file processing and access methods in DBMS ? Explain with examples.

3. Define DBA. What are the responsibilities and functions of DBA ?
4. What do you mean by normalization ? Explain various forms of normalization with suitable examples.
5. Define Distributed Data Processing Systems. Why database environment for such a system is needed ?
6. Write in brief on the following :
 - (a) Object oriented database
 - (b) Managerial issues related to database management.
7. Define Structured Query Language. What are its various types ? Mention two commands of each type.
8. (a) What is meant by recovery ? Why is it required ? Explain various issues related with recovery.
(b) Define transaction. Explain various functions of transaction processes and their communications interface with database management systems.