

Subject Code: MB917

MBA I Semester [R09] Regular Examinations, January 2010

DATA BASE MANAGEMENT SYSTEMS

Time: 3 Hours

Max Marks: 60

Answer any Five Questions. All questions carry EQUAL marks

1. a) Discuss about phases in building and maintaining information systems.
b) Explain about viewing business as system.
2. a) Discuss different types of information system
b) Briefly discuss about office automation system.
3. a) Discuss Nolan stage Hypothesis
b) Explain about information system strategic grid
4. a) Explain alternative approaches for building information systems.
b) Discuss different threats in information system.
5. a) List and explain objectives of database approach.
b) Explain about components of DBMS.
6. a) Compare and contrast physical and logical models of data.
b) Discuss about network database structure.
7. a) Write a brief note on management of database environment.
b) Explain in detail about transaction management.
8. Consider two separate banks that decide to merge. Assume that both banks use exactly the same logical schema. If the merged bank is to have a single database, there are several potential problems:

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- The possibility that the two original banks have branches with the same name
- The possibility that some customers are customers of both original banks
- The possibility that some loan or account numbers were used at both original banks

For each of these potential problems, describe why there is indeed a potential for these difficulties. Propose a solution to the problem. For your solution, explain any changes that would have to be made and describe what their effect would be on the schema and the data.