**BBA Semester 5th DATA BASE MANAGEMENT SYSTEM 2007**


**Time : 03 Hours Maximum Marks : 75**
**Instruction to Candidates:**
**1) Section -A is Compulsory.**
**2) Attempt any Nine questions from Section - B.**


**Section – A-  (15 × 2 = 30)**

Q1)
a) What is difference between data and information?
b) What is a data base?
c) What do you mean by data Integrity?
d) Explain the concepts of file, record and field?
e) What do you mean by inconsistent data?
f) What do you mean by an entity in data base?
g) What are the job responsibilities of a system administrator?
h) What do you mean by redundancy? What are problems associated
with it?
i) Why do we need data recovery?
j) What do you mean by redundancy? What are problems associated
with it?
k) What is DML?
l) What is a primary Key?
m) What is a distributed data base?
n) What are the necessary fields in a data base for Library management
system?
o) What is a computer NETWORK? What are its advantages?
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**Section – B - (9 × 5 = 45)**

Q2) What are various components of a Data Base Management System?
Explain in brief.
Q3) Explain the 3 levels of a DBMS?
Q4) What are various problems associated with a Data Base Management
System? How the size of a data base can be a disadvantage?
Q5) What is meant by security of data? What are the various threats to the
security of data in a data base?
Q6) What are data models? What are main differences between Hierarchical
and network model of data bases?
Q7) Explain the different types of keys used in relational data base models?
Q8) What are integrity rules? Explain various forms of these rules with the
help of an example data base.
Q9) What are relations in a RDBMS? For which type of operations in a data

base they are helpful?

Q10) What is the purpose of following commands in SQL:

(a) CREATE (b) INSERT (c) DELETE (d) UPDATE

(e) SELECT

Q11) How do you use in-built functions in SQL? Explain four in-built functions of SQL.

Q12) What are various concurrency related problems in data bases? How they can be controlled?

Q13) What are various techniques to recover data in a data base?