

Subject Code: MB917

M B A - I Semester [R09] Regular/Supplementary Examinations, February – 2012

Data Base Management System

Time: 3 Hours

Max Marks: 60

Answer any FIVE questions. All questions carry EQUAL marks including Q.No.8 is compulsory

1. a) How can a firm increase its overall operational productivity through the use of information systems?
b) Briefly explain the phases in building and maintaining IS
2. a) Enlist the functions of Transaction Processing System.
b) What is DSS? Explain main features, types of DSS and also describe tools and models used for its implementation..
3. a) What is Nolan's Six Stage Growth model ? Discuss different stages in the model.
b) Write short notes on Socio-Technical systems approach.
4. a) What is a virus ? How can it be identified and removed? Can we prevent virus attack?
b) Briefly explain various threats in IS. How will you avoid them and create a control Environment?
5. a) What is DBMS? Give its characteristic features.
b) List the responsibilities of database administrator. Is database administration necessary? Justify.
6. a) What is a database model ? Explain any two types of data models with an example for each.
b) What is the need for evaluation of a DBMS ? List the technical criteria that are to be considered during the evaluation process
7. a) Why is the administration of a database system required ? What are the various functions associated with database administration
b) Is recovery necessary in DBMS transactions? Why?
8. a) What are the typical functional information subsystems in an organization?
Explain with an example from Petroleum Refinery.
b) State importance of MIS in Ticket Booking in Airline Sector?
