



MBA.P.IV/10.17

M.B.A. DEGREE (P.T) IV SEMESTER EXAMINATION, APRIL 2010

SMP 2405 MANAGEMENT INFORMATION SYSTEM

Time : 3 Hours

Maximum Marks : 50

(All questions carry EQUAL marks)

(5 x 10 = 50)

- I. A. Explain the prototyping model of software development. Under what circumstances is this type of software development preferred.
OR
B. Explain structured analysis and design methodology of software design.
- II. A. What are the tools and techniques commonly used for gathering and specifying the requirements of an Information System?
OR
B. Explain the salient features of Objected-oriented Programming.
- III. A. What is a database? What are the advantages of a database over traditional file-based systems?
OR
B. Consider an Airline Company, where the details of a technical employee are kept in terms of his/her employee number, name, address, and salary. There are two kinds of technical employees : a pilot and an engineer. In case an employee is a pilot, his/her flying-hours needs to be kept. On the other hand, the expertise of an engineer is to be stored in the database.
Find out the entities, attributes and relationships. Draw the structure of the database based on relational database model.
- IV. A. What are the different types of user interfaces? Compare its characteristic advantages and disadvantages.
OR
B. How does a Decision Support System differ from an Expert System? What are the components of a typical Decision Support System?
- V. A. What are the steps involved in the implementation of the ERP package? List the three key issues that could determine the success of an ERP system.
OR
B. Write short notes on :
(i) Customer Relationship Management
(ii) Business Process Re-engineering.
