Roll No. ....

Subject Code—2086

M.C.A. (Fourth Year) EXAMINATION

(5 Years Integrated Course)

MCA-406

MANAGEMENT INFORMATION SYSTEM

Time : 3 Hours   *Maximum Marks : 50*

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

1. (a) What do you understand by the term "Management" ? Why do Managers Plan ? Explain.   5

   (b) "MIS supports manager in his functional responsibilities." Exaplan with example. 5

2. (a) Explain various management levels indicating the difference in information requirements at each level.   6

(b) Distinguish between the following : 4

    (i) Programmable and Non-programmable Decisions

    (ii) Open and closed systems.

3. (a) Discuss the role of top management and the end-users in an MIS project. 3

   (b) What is systems approach to problem solving ? List the various activities involved in adopting such an approach. 3

   (c) Explain the process of business decision-making according to Simon's Model. 4

4. (a) Define the term "MIS". Discuss the usefulness of MIS to a business organization with the help of examples. 5

   (b) Discuss the important characteristics of an MIS. 5

5. (a) List various types of feasibility that are tested in the process of a new/revised system. 2

(b) What are the commonly employed tools and techniques for assessing the user requirements in developing an information system ? **8**

6. (a) What is Systems Analysis ? Discuss briefly the various stages of development cycle clearly specifying the function of each. **6**

(b) What is Prototyping ? List the benefits of prototyping over SDLC approach. **4**

7. (a) Compare the various implementation strategies that are used for an information system. **5**

(b) What is systems maintenance ? What are the reasons for maintenance requirements ? **5**

8. Explain briefly any four of the following :

(a) Data Flow Diagrams

(b) System Efficiency

(c) MIS effectiveness

(d) Role of computers in MIS

(e) Performance evaluation of MIS. **10**