

No. of Questions : 10] [Total No. of Printed Pages : 3

**Master of Commerce Ist Semester (0501)
Examination**

3806

MANAGEMENT INFORMATION SYSTEM

(Same for USOL Candidates)

Paper : M.C-106

Time : 3 Hours]

[Maximum Marks : 80

Instruction :- Attempt *five* questions in all, selecting at least *one* from each Unit.

Unit-I

- (a) What is a system ? Explain various elements of a system with suitable examples.
- (b) What is information ? What are its characteristics ? What are the various factors which affect the quality of information ? 8,8

What do you mean by MIS ? "Designing MIS for an organization is a constructive process." Comment and discuss the problems in designing MIS for a large IT company. 16

3. (a) How MIS is closely related to other academic disciplines such as Management Accounting and Operations Research ? Explain.
- (b) State the role of MIS as a technique for making programmed decisions.

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Unit-II

4. Explain the basic structure of MIS. Discuss the information system Processing approach to describe the MIS structure.

16

5. Explain the following :

- (a) Public and private information systems
- (b) Organizational management hierarchy and their role in decision-making.

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Unit-III

6. Explain, in a couple of sentences, what an expert system (ES) is. Give an example for an application of an ES. Discuss various components of ES. Why is knowledge acquisition often referred to as the ES bottleneck ?

16

Write short notes on :

(a) Office Automation System

(b) Decision Support System

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Unit-IV

(a) What is prototyping approach to system development ? Does prototyping follow structured methodology ? Justify your answer.

(b) What is the difference between system analysis and system design ? Name and explain basic techniques for fact-finding.

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(a) What is risk management ? How is it different from risk mitigation ? Explain security systems for risk management.

(b) What is information system audit ? What does it involve ?

8,8

10. Write short notes on :

(a) Design Methodologies in system design

(b) System documentation and its purpose

8,8