

UNIT - 7

What is MIS

A system to convert data from internal and external sources into information and to communicate that information, in an appropriate form, to managers at all levels in all functions to enable them to make timely and effective decisions for planning, directing and controlling. The activities for which they are responsible.

MIS have three sub components:

1. Management
2. Information
3. System

1. Management:- Emphasizing the ultimate use of such information systems for managerial decision making rather than merely stressing on technology.
2. Information:- Highlighting on processed data rather than raw data and in the context in which it is used by managers and other end users.
3. System :- Emphasizing a fair degree of integration and a holistic view.

An MIS, would mean a set of computer based systems and procedures implemented to help managers in their crucial job of decision-making. The actual process will involve the collection, organization, distribution and storage of organization-wide information for managerial analysis and control. This definition emphasizes—

- *Organization-wide information.
- *Decision support
- *Managerial emphasis
- *Computer based system

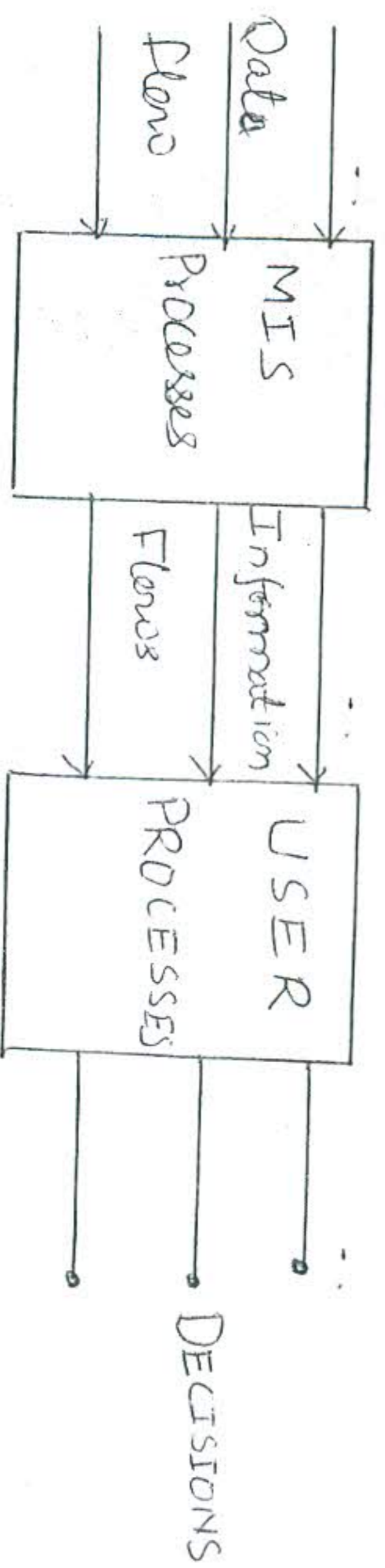
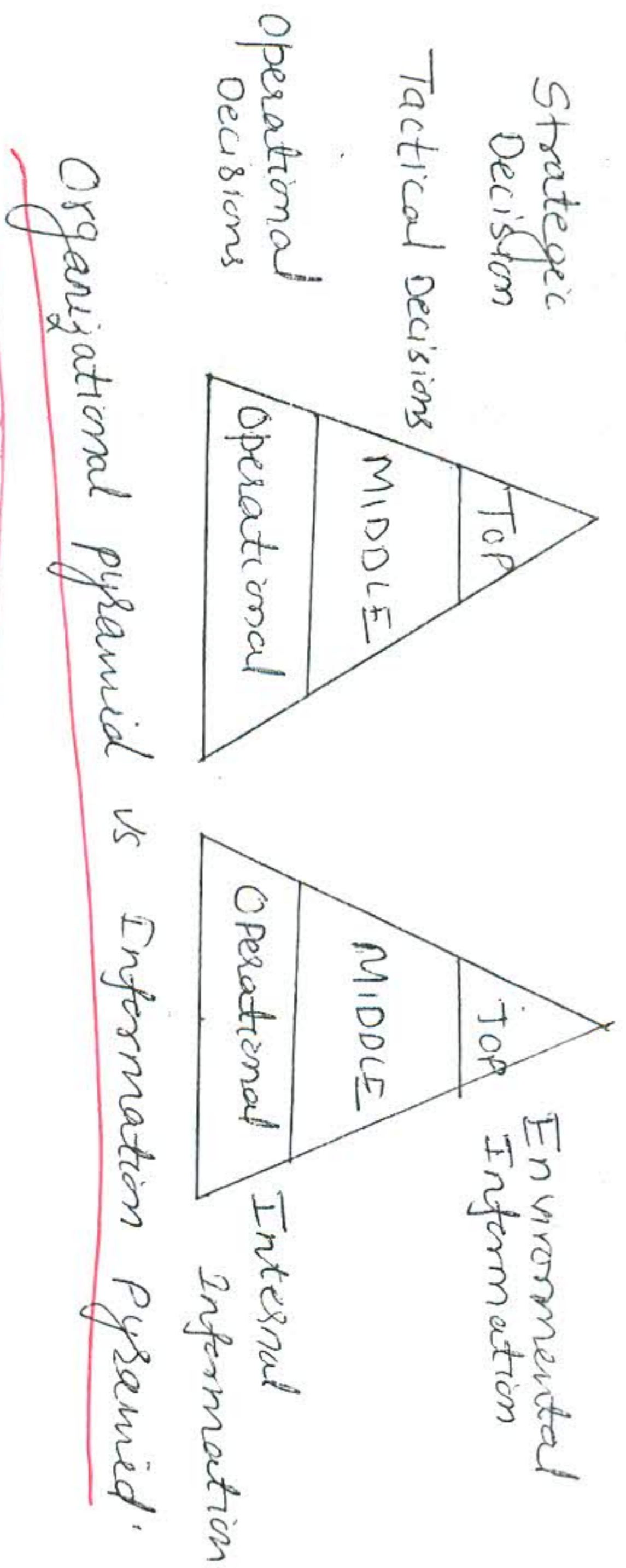


Fig: Decision Focus of MIS

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Important of MIS:-

The study of MIS is important both to the computersciences and management students. Since MIS represents almost two-third of all computer applications, it is important that a computer science students be equipped well to address this important field of application. For such a student, the technical foundations may be relatively strong through a detailed study of computer science topics, yet, such a student is unlikely to be exposed to the basics of modern organization, their structure and their information needs.

A student of management who undergoes a course in MIS, without a formal background in computing, will be well equipped with technical foundations of computing. Since computing science offers a vast array of subjects, such student cannot go through all the courses. As a courses on MIS is a

synthesis of the essence of various topics in computer science, it helps a management student in developing information systems independently.

For other students and for all the managers at different levels, a course on MIS provides a balanced perspective into the exciting applications of computers in the broad area of business. Computers are making inroads into every activity of human endeavor. For example: Oil exploration

Space exploration

Weather forecasting

Market analysis

Financial planning

Production planning

Human Resource Mgt.

Transportation

Communication

Heavy industry

Chemicals

Small-scale industry

Health care

TOURISM

Hospitality industry

Education and research

Thus, a basic knowledge of information systems is almost becoming a generic skill needed by every professional. To the top management, MIS is a tool to gain insight into the overall health of the organization itself.

