UNIT - 3

Methodology and Tools/Techniques for systematic Identification, Evaluation and Modification of MIS: -

Organizations use MIS to make decisions in all spheres and phases of the business. Using a management information system, the organization is able to procure, analyze and decurrent facts and figures on all of its business functions. Once an analysis is done, the company's top management then bases its decisions on the reports generated by an MIS. Whenever there are problems in the hunctioning, the management is able to take corrective action immediately.

there we several MIS tools.

An organization could use one of them in
teolation on a number of them at the same
time at a given point of time.

i Transaction Processing System (TPS) -

business transactions of the organization. They are used by were at the operational management level. The main objective of a TPS is to answer reutine questions such as:

· How brinters were sold today?

. How much inventory do me have at hand?

Using this, the organization is able to record and document all of its recurring and routine business transactions. For example, if an organization finds that there are more customer orders in some menths, it can infer that there is more demand during those menths. The company is then able to take

steps to handle that demand by employing and deploying more manhower and resources during those months. Other examples are in Point of Sale systems - records daily sales. Payroll Systems - processing employees salary, loans management, etc. · Stock Control Systems - Keeping track of inventory devels. · Airline booking Systems - flights booking wanagement.

(ii) Operation Information System (OIS)

used to plan and schedule production and assem functions, Using these tools, a manager is decide what levels of inventory and raw materials to hold, and how to sequence production functions. What component is to be produced after which and how the final product will be assembled Essence of operations information management. The operations manager also sees the employment of manformer for production purposes. The tools & techniques basically used are:-Flowchart, DFDs (Data Flow Diagram), Data Dictionary, Structured English, Decision Table, Decision tree etc the company never faces a situation of dountines or running out of stock.

managerial decision - making. This tool extensively makes use of computers, computing tools, mathematical and scientific models for its analysis. With the DSS, the company can analyze, scrutivize and evaluate all the methods it could deploy for use in departments such as production, sales, marketing and finance. The company is then able to choose the option that saves the most on costs, time and both human and material efforts while neaping the manimum benefits & Different tools used are; -Spreadsheets & databases, statistical Sof

ie; swort strengthe, Weakness, opportunities, Risk Analysis, Contical Path Analysis (CPA CPM), PERT (Programme Evaluation and Review Technique), Charts, Decision Trees Flow charts, Histograms, Bar charts, Materials Requirements Planning (MRP)

etc.