⑤ Levels Of MIS :-

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                    Decision Support System    Top Level
                  Management Information System  Middle
                Transaction Process System        Lower
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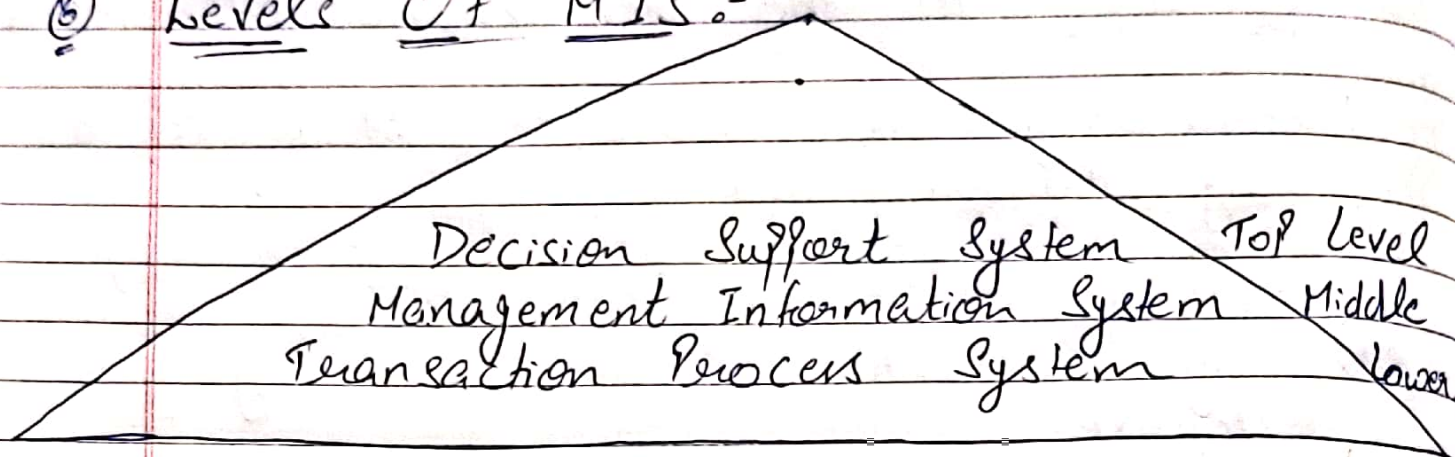
This diagram shows that DSS is at the top level, MIS is the middle level and TPS is at the lower level.

I) **Decision Support System** :- It is used by the senior management to make non-routine decision. DSS use input from internal systems and external systems.

The main objective of DSS is to provide solutions to problem that are unique and change frequently. Decision Support System are sophisticated mathemacal models and statistical techniques to provide solutions and they are very interactive. Examples are

i) It enables managers to evaluate alternative way of achieving goals. The objective is to find the optimal way of achieving goal.

ii) It is used to verify the credit of the loan applicant and predict likelihood of the loan being recovered.

II. **Management Information System &** It is used by tactical managers to monitor the organization's current performance status. The output from a transaction processing system is used as input to a MIS.

The MIS system analyzes the input with routine algorithms i.e aggregate, compare and summarizes the result to produced reports that techical manager use to monitor, control and predict future performance. Examples are.

i). Sales management System and Bugeting System

ii) Human Resource management systems.

III. **Transaction Processing System &** It is used to record day to day business transactions of the organization. They are used by users at the operational management level. The main objective of TPS is to answer questions such as

○ How much printers were sold today?

○ How much inventory do we had in hands.

Examples are

i) Point of sale System

ii) Payroll systems

iii) Stock Control Systems.

iv) Airline booking Systems