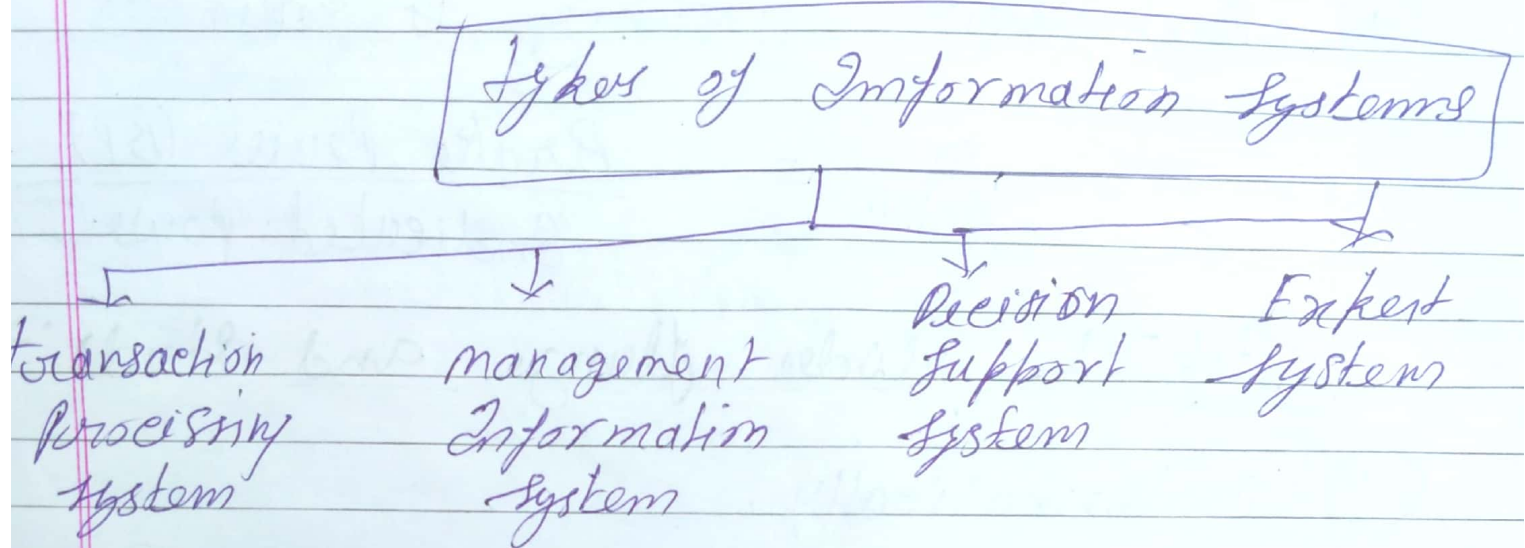


Q.2) Information systems are classified by organizational levels, mode of data processing, system objectives and by the type of support provided following are the types of information systems:-



1) Transaction Processing System (TPS) :-

① TPS are information system that process data resulting from the occurrence of business transactions

② Transactions are performed in two ways :- Batch processing and online transaction processing.

③ Exp: Bill system, Payroll system,

④ Management Information System (MIS) :-

① MIS are designed to take the relatively raw data available through a TPS and convert them into a summarised and aggregated form

from for managers. usually in a report format. MIS reports tend to be used by middle management and operational supervisors.

(3) Decision Support Systems (DSS):

(a) DSS is an Interactive Information System that provides information, models and data manipulation tools to help in making decisions in semi-structure and unstructured situation.

(4) Expert Systems:

(a) A expert system is a Knowledge based Information system. It uses its knowledge about a specific area to act an expert consultant to users.

(B) Diff. between Information System and Information Assurance:

(a) Information System (IS)

(1) Software and hardware system with data intensive support application is called as Information systems

(2) Strategy is less focused

Example of Information System is
business investment

In Information System, data is
rare.

Information Assurance (IA) :-

The study of how to protect
your information assets from
destruction, degradation, manipulation
and exploitation is called as
Information assurance.

Strategy is more focused.

Example of Information assurance are
Privacy, audits, business continuity
planning

while in Information assurance, data
is processed.