



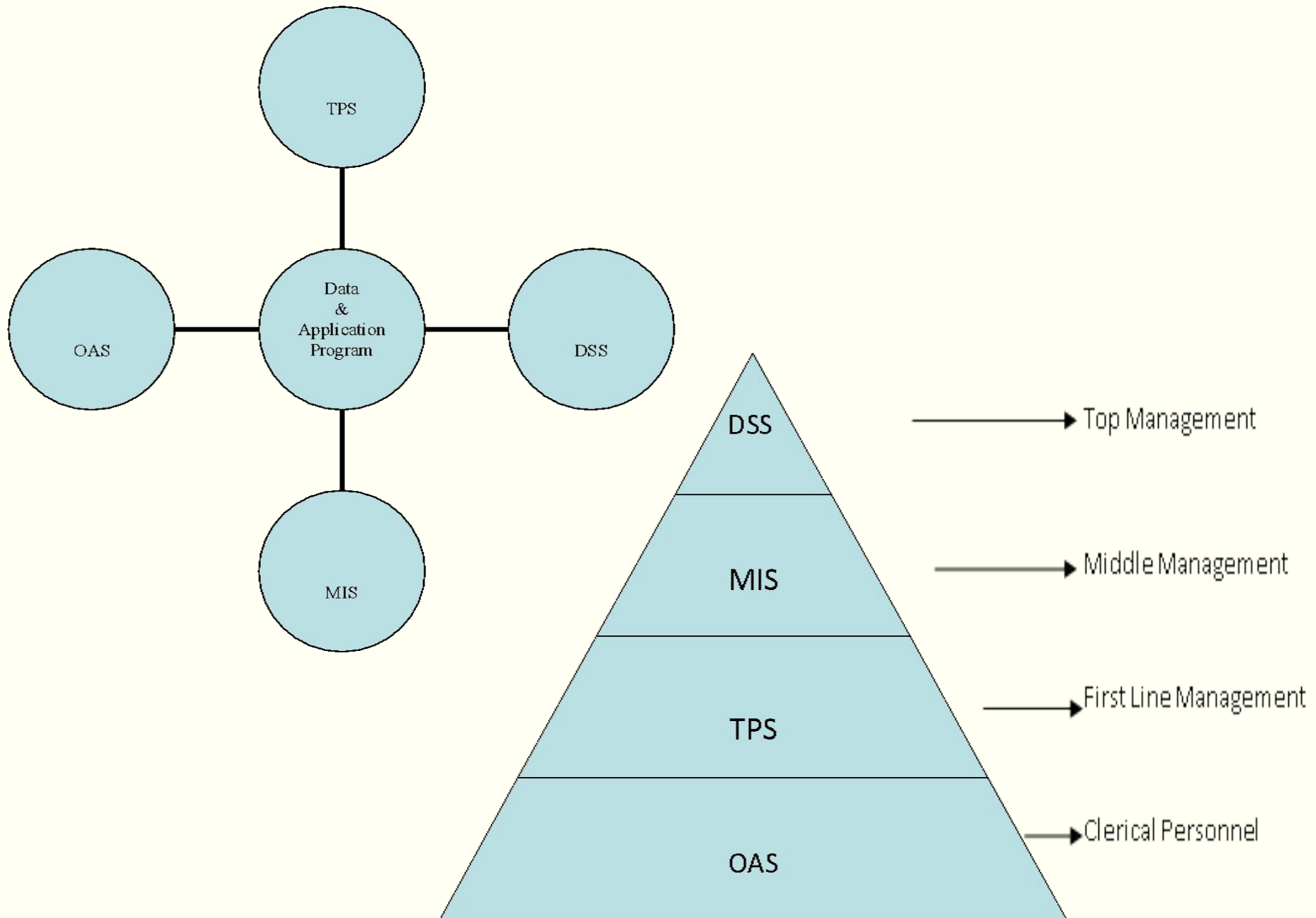
SYSTEM ANALYSIS AND DESIGN

UNIT – 1

System Study and System Development Life Cycle

Computer Based Information System

- System can be differentiated by manual or automated.
- Manual system has been introduced from many centuries.
- For example - Trading between different countries, banking were already coming from very long time.
- Functioning of all these is possible only by implementation of a particular system.
- After computer has been invented all these converted to Computer Based Information System.



Why System Projects?

- What is the role of computers in the business?
- What are the benefits of using software in the Business system?
- What are the reasons of project proposal ?
- Why system projects?

Why system projects? (Benefits)

- **Capability**
 - Improved processing speed
 - Increased volume
 - Faster retrieval of information
- **Control**
 - Greater accuracy and consistency
 - Better security
- **Communication**
 - Enhanced communication
 - Integration of business areas
- **Cost**
 - Monitor costs (Tracking all type of costs)
 - Reduce costs
- **Competitiveness**
 - Lock in customers
 - Lock out competitors
 - Improve arrangements with suppliers
 - New product development

System Development Life Cycle (Activities and Outcomes of Each Phase)

