SYLLABUS - EXECUTIVE (SYSTEM)

➢ Basic computer network
- Types of computer network
    i. LAN
    ii. WAN
    iii. MAN

- Hardware devices features & uses
    i. Router
    ii. Firewall
    iii. Switches
    iv. Repeaters, modem etc.

- Some basic protocols like DHCP, Telnet etc.
- Internet vs Intranet
- Layers of OSI model vs TCP-IP model, differences & similarities
- each layer features.

➢ Operation System
- Basic of OS
- Features of single user OS, multi user OS, etc.
- Function of OS
    i. Memory management
    ii. Processer management
    iii. File management
- Different types of OS
    i. Window
    ii. Linux
    iii. Cent OS Android etc.
- Kernel, Shell etc.
- OS processes-scheduling-types FCFS, SJF

➢ DB MS/RDBMS
- Basics,
- Tables,
- Different Keys – Primary Key, Candidate Key
- Schema-Relations-etc