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- Subject- Computer

Computer System

- **A computer is a programmable electronic device that accepts raw data as input and processes it with a set of instructions produce the result as output.**

Computer elements:

- **Hardware**
- **Software**
- **Data**
- **People**
- **Procedure**

Hardware & Software

- Software is a are step by step instructions telling the computer how to process data.
- Types Of Software :-
 - System S/W -**Operating systems, Device drivers, Firmware, Utility software, Boot loaders**
 - Application S/W-**Hotel Management, Payroll Management, System of Billing,Railway Reservation, School Erp etc**

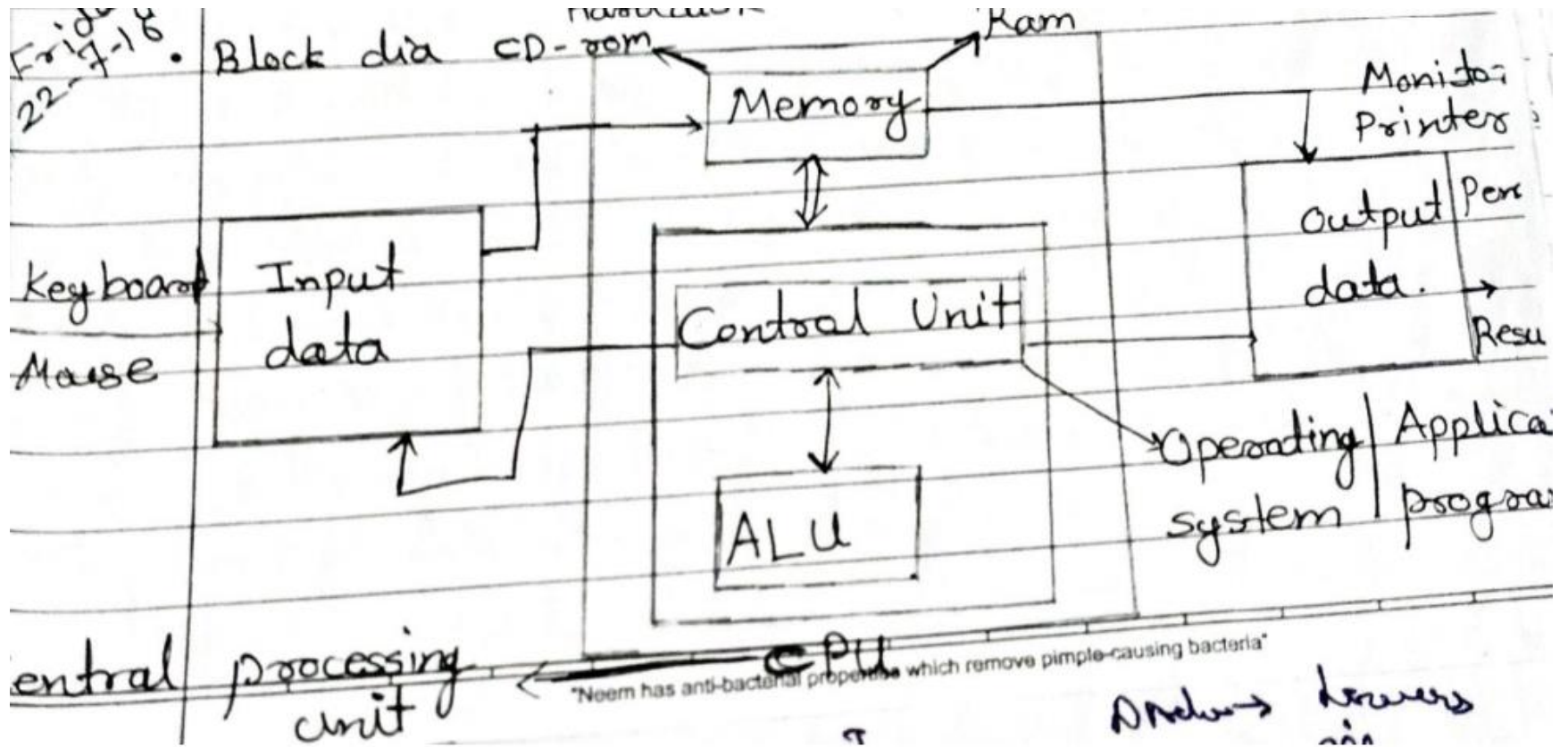
Features Of Computer

- Accurate
- Fast
- Reliable
- Versatile
- Diligence
- Automation
- Memory

Generations Of Computers

Generation	Years	Circuitry	Characterized by
First	1951 to 1959	Vacuum tubes	Magnetic drum and magnetic tape; difficult to program; used machine language and assembly language
Second	1959 to 1963	Transistors	Magnetic cores and magnetic disk, used high-level languages and were easier to program
Third	1963 to 1975	Integrated circuit	Minicomputer accessible by multiple users from remote terminals
Fourth	1975 to present	VLSI	The Personal computer and user-friendly micro-programs; very fast processor chip high-level language; Object Oriented Programming (OOP)
Fifth Generation	Present to Future	ULSI, Parallel Processing, AI, Quantum Computing, Nanotechnology	Handheld PCs, iPad, Biometric Devices, Note book, Ultra book etc. More userfriendly interface with multimedia features.

Block Diagram Of Computer



CPU Components

- 1. Power Supply**
- 2. Motherboard**
- 3. Memory**
- 4. Card Slots**
- 5. Network Cards, Sound Cards, Video Cards**
- 6. CPU, fan**
- 7. Drives (floppy, hard and CD-ROM)**
- 8. Ribbon cables**
- 9. connectors**