

COMPUTER HARDWARE & NETWORKING

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COMPUTER



INTRODUCTION & AN OVERVIEW OF THE COMPUTER HARDWARE

1. Definition
2. History
3. Generation
4. Types of Computer



BASIC ELECTRONICS

Conductor, Insulator, AC, DC, Multimeter, Resistor, Capacitor, Inductor, Transformer, Diode, LED, Transistor.

BASIC CONCEPT OF POWERSUPPLY UNIT

1. SMPS
2. CVT
3. UPS



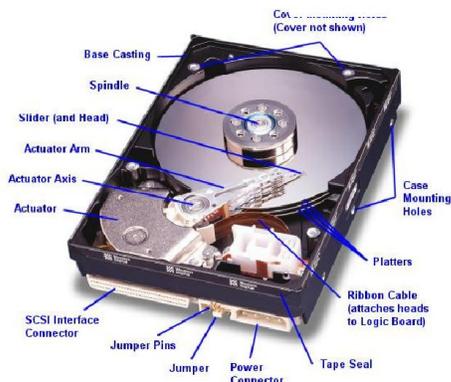
OUTPUT DEVICE

1. Monitor
2. Printer
3. Speaker



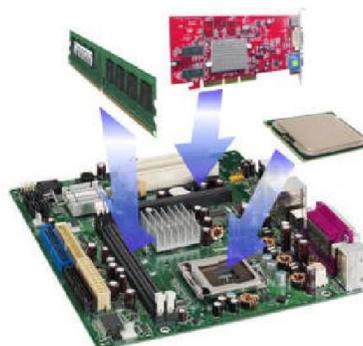
INPUT DEVICE

1. Keyboard
2. Mouse
3. Joystick
4. Webcam
5. Scanners



SOFTWARE

1. Bios Setup & DOS
2. Hard Disk partition & loading OS
3. Virus & Anti-virus
4. Device Driver Installation
5. Other Software Installation
6. Configuration
7. System Maintenance.



SYSTEM UNIT & PERIPHERALS

1. Cabinet
2. Motherboard
3. CPU
4. Add on Card
5. Memory
6. Hard disk
7. CD RW Drive
8. DVD
9. Floppy Drive
10. PC De-assembling
11. PC Assembling
12. Preventive Maintenance
13. Trouble Shooting



NETWORKING

1. Introduction to LAN
2. Networking topologies
3. Media
4. Cabling and Different Cables
5. Network Operating system
6. LAN & Internet Installation (WAN)
7. File & Device Sharing
8. Communicating through LAN & WAN

