Computer Fundamentals

Unit-II

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UNIT - II Computer Peripherals

Introduction to Input Devices: Categorizing Input Hardware, Keyboard, Direct Entry – Card Readers, Scanning Devices – O.M.R., Character Readers, Thumb Scanner, MICR, Smart Cards, Voice Input Devices, Pointing Devices – Mouse, Light Pen, Touch Screen. **Computer Output:** Output Fundamentals, Hardcopy Output Devices, Impact Printers, Non-Impact Printers, Plotters, Computer output Microfilm/Microfiche (COM) systems, Softcopy Output Devices, Cathode Ray Tube, Flat Screen Technologies, Projectors, Speakers.

Input Devices

- Keyboard
- Card reader
- Scanning devices
- OMR
- MICR
- Smart cards
- Voice input device
- Pointing devices (Mouse, Light Pen, Touch screen)

Output Devices

Hardcopy

- Impact printer
  - Dot matrix printer
  - Daisy wheel printer
- Non-Impact printer
  - Ink jet printer
  - Laser printer

Plotter
  - Drum plotter
  - Flat-bed plotter

Output Devices

Microfilm/Microfiche

- Microfilm is a 35mm film on which printed materials are photographed at greatly reduced size for ease of storage. The digital lens on the microfilm reader enlarges the image, allowing you to read the contents.

- Microfiche is a card made of transparent film used to store printed information in miniaturized form. To read the card, one places it under the lens of a microfiche reader machine, which magnifies it.

Output Devices

Softcopy

- Cathod Ray tube
- Flat screen Technology
- Projectors
- Speakers

Base

Focusing
System

Y deflect

Connector
Pins

Electron
Gun

Control
grid
voltage

x deflect

Phosphor