

MODULE 1:- FUNDAMENTAL OF II

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* COMPUTER:-

It is an electronic device for storing and processing data. typically in binary form, according to instruction given to it in a variable program.

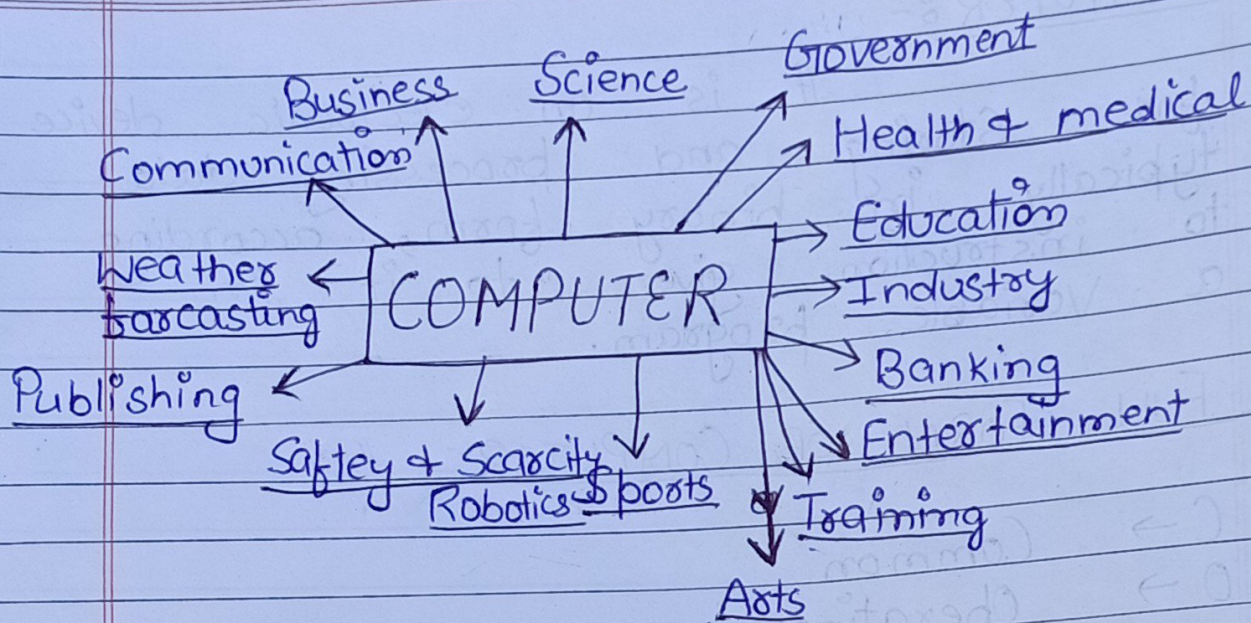
⇒ FULL FORM OF COMPUTER

- C → Common
- O → Operating
- M → Machine
- P → Purposely
- U → Used for
- T → Technology and
- E → Educational
- R → Research.

(1.1) ⇒ USE OF COMPUTER

Computer are playing a vital role in almost every field and making our day to day task more manageable.

Because of their characteristics and powerful functionalities computers are used in various fields such as:-



(1.2) About COMPUTER

A Computer is a machine that can be store and process information. Most Computer rule on a binary system which use two variables 0 to 1 to complete task, such as storing data, calculating, algorithm, and displaying information.

(1.3) BASICS OF COMPUTERS

- ⇒ Input unit
- ⇒ Memory Unit
- ⇒ Arithmetic and logical unit.
- ⇒ Output unit
- ⇒ Control unit.

(1.4) VARIOUS PARTS OF COMPUTER HARDWARE:-

- ⇒ Central processing Unit (CPU)
- ⇒ Computer processing and Communication

With the other.

- Mother board
- Random Access Memory (RAM)
- Power Supply
- Cooling fan
- Hard drive
- Monitor

(1.5) ⇒ COMPUTER MEMORY

- Computer memory is a generic term for all of the different types of data storage technology that a computer may use including RAM, ROM and flash memory.

(1.6) ⇒ DEVICES OF COMPUTER

- | | |
|-------------|---------------|
| • Key board | • Track ball |
| • Mouse | • Micro phone |
| • Light Pen | • Joystick |
| • Digitizer | • Scanner |

(1.7) ⇒ DIGITAL DEVICES

- Mobile phones
- Tablet Computer
- Storage Devices Such as flash drives.
- E- readers.

(1.8) ⇒ MOBILE PHONES & TABLETS :-

⇒ A mobile device is a portable computing devices such as smart phones or tablet computer. These devices range in size; shape; and model and all have various operating system (O.S) and functions.

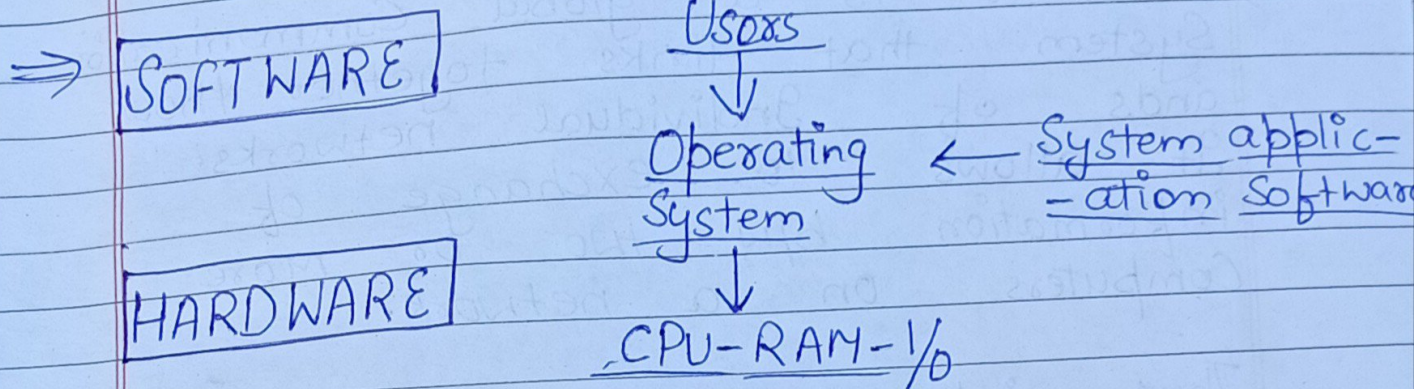
(1.9) ⇒ How to scan a document with smart phone?

- ⇒ 1) Open the Google drive app.
- 2) In the bottom right, tap Add.
- 3) Tap Scan.
- 4) Take a photo of the document you'd like to scan, adjust scan area Tap Crop.

(1.10) ⇒ Difference b/w desktop & Laptop :-

⇒ DESKTOP	LAPTOP
○ Connected externally to devices that help it to function completely.	○ All in One - System.

(1.11) ⇒ Operating System [OS] :-



(1.12) ⇒ Operating System + Features of Mobile phone :-

- ⇒ 0 Memory management
- 0 Device management
- 0 Security
- 0 Process management / CPU Scheduling
- 0 File management
- 0 Error detection etc.