

## **Class IVth**

### **Chapter 1 Explanation(continued....)**

#### **Input Devices**

*Scanner-* Scanner is an input device which is used to input the contents from paper into a computer. This process is called scanning.

#### *Types of scanners*

*1. Flatbed Scanner-*Flatbed scanner has a flat glass plate on which you can keep the paper to be scanned.

*2. Handheld scanner-*This type of scanner can be held in hands and passed over the areas to scan.

*Touchpad-*Touchpad is mostly used in laptops. You can move your finger over the touchpad to move the pointer on the screen.

*Microphone-*Microphone is an input device in which you can record the voice and sound to store it into the computer. Microphone can be a free standing microphone or headset style microphone.

*Digital camera-*It is an input device which records the pictures into the computer readable forms. You can connect it to the computer and transfer the pictures.

*Magnetic ink character reader-*This is an input device which reads the special characters printed with iron oxide ink.

#### **Processing Device**

CPU is the processing device that does all the calculations, comparison and decision making. It contains a chip inside the CPU cabinet that is fixed on the motherboard.

*Arithmetic and logic unit-*This part of CPU does all the calculations and decision making.

*Control unit-*The CU controls the flow of information from one device to another within the CPU.

#### **Memory of the computer**

The memory of a computer is made up of chips. Random Access Memory (RAM) is the main part of computer memory it holds the data and instructions temporarily and the data gets erased when the computer is switched off.

#### **Output Devices**

An output device is used to show the output on the computer. Few common output devices are-

*Monitor-*A monitor is the most common type of output device. Following types of monitors are:

*1. Cathode Ray Tube(CRT)-*These are big sized monitors with bulky cathode ray tube inside

them.

**2. Liquid Crystal Display (LCD)**-These are slim and the display is more clear.

**Printers**- A printer is an output device which print the output on the paper. Printers are of various types like Dot Matrix printer, inkjet printer, laser printer.

**Speakers**-Speakers are the output devices which gives out the sound output to the user.

**Headphones and earphones**-Headphones and earphones allow you to hear the sound in your ears only.

### **Hardware and software**

Computer is a combination of hardware and software.

**Hardware**-Hardware is that part of Computer which can be seen and touched by the user.

Ex. Keyboard

**Software**-Softwares are the programs within the computer on which you work you can see the software but cannot touch it. Ex. LibreOffice Writer

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**NOTE:-Question/Answers will be given in the next file.**