

Bhagirathi Bal Shiksha Sadan Secondary  
School

Class - VII

Sub - Computer

L-1

## Computer Hardware and Software

**Processing Device :-** Central Processing Unit (CPU) is called the processing device of the computer. The CPU processes the data and provides the results as output. It mainly consists of ALU and CU.

**ALU :-** Arithmetic Logic Unit. It performs all the arithmetic and logical comparisons.

**CU :-** Control Unit. It controls all the functions of computer and its other units.

**Output Device :-** The devices that are used to retrieve the processed information are called output devices. For example :- Monitor, Printer, Plotter and Speakers.

## Software

A collection of programs is called software. It directs a computer's processor (CPU) to perform specific operations. Hardware cannot work without software. There are different types of software as listed: ① System Software ② Utility Software ③ Application Software

① **System Software** :- It refers to software that enables to run a computer's hardware and application programs. For example :- Windows 7, Windows 8, Windows 10 etc.

② **Utility Software** :- It refers to the software that performs a very specific task, usually related to managing system resources. Devices drivers, antivirus, disc cleanup are most commonly used utility software.

③ **Application Software** :- It is used to fulfill the requirements of the user. It cannot run on a computer without the support of system software. For example :- Word Processing Software, Spreadsheet Software, DBMS Software, Graphic Software, Animation Software etc.



## A. State True or false

- ① CU controls all the functions of computer and other units.
- ② LCD monitors are light in weight and take less space.
- ③ Plotters are mostly used in engineering application where precision is mandatory.
- ④ A computer executes the instructions always from the main memory.
- ⑤ A blu-ray disc is used for storing HD graphics, movies etc.

## B. Match the columns.

RAM	Portable storage device
ROM	Brain of the computer
CPU	Temporary memory
CD	Non-volatile memory
Pendrive	Secondary storage

## C. Answer the following question.

- ① What is CPU? Explain its components.
- ② What is difference between printer and plotter?
- ③ What is hardware?
- ④ What is Scanner?