

Date
13-05-2020

Class - 6th

Sub - Computer Science

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Note & H.W.

⇒ Fundamentals of Computer :-

★ Definition of computer :- A computer is an electronic device which is capable of receiving information and processing it according to a set of instructions given to it.

★ Charles Babbage is known as 'The father of computer'.

⇒ Basic Terms related to computer :-

★ Data :- Data is a collection of raw or un-organised information which can be a text, numbers, images, audio or video.

★ Information :- Information is a data that has been processed to give some meaningful values to the receiver.

★ Hardware :- Any part of your computer that has a physical structure is called hardware. Computer hardware can be classified into two types :-
1- External Hardware
2- Internal Hardware

Exp :- Keyboard, Mouse, CPU, Motherboard, etc.

★ Software :- A set of instructions used to operate computer is called software. It is a program which controls the computer and tells the computer to perform a specific task.

⇒ Software can be classified into three types :-
1- System software
2- Application Software
3- Utility Software

Note - The first Hard disk drive (HDD) to be sold commercially was invented in 1956 by IBM.

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★ Input devices:- The devices which are used to enter data and instructions into the computer are called as input devices.
Exp.- Keyboard, Mouse, joystick, scanner, touchscreen, etc.

★ Output devices:- Output devices are those which display or produce the result of the processing done on computer.
Exp.- Monitor, printer, projector and speakers.

H.W.

- Q.1- What is the definition of Computer?
- Q.2- Difference between Data and information?
- Q.3- How many types of Hardware Explain with example?
- Q.4- Write the full form of IBM, CPU, H/W, SW?
- Q.5- Difference between Input and output Devices?
- Q.6- Give five examples of input device?
- Q.7- Give five examples of Output device?
- Q.8- Which company invented H.D.D (Hard disk drive) and when?