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INFORMATION TECHNOLOGY FOR CLASS 11

(Study material Based on N.C.E.R.T HANDBOOK)

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## Input/Output(I/O) port

The peripheral devices can be connected to computer in several ways. Input/output ports are the external interface that are used to connect input and output device like printer, monitor and joystick to computer. The input device are connected to the computer via the serial and parallel ports. Universal Serial Bus (USB), FireWire, etc.

- **Parallel Port-** it is an interface for connectivity eight or more data wires. The data flows through the eight wires simultaneously. They can transmit eight bits of data in parallel.
- **Serial port:** it transmits one bit of data through a single wire. Since data is transmitted serially as a single bit. It provides slow speed data transmission. It is used to connect external modems, plotters, barcode reader, etc..
- **Universal Serial Bus (USB)** it is a common and popular external port available with computers. Normally, two to four USB ports are provided on a PC. USB also has the plug and play feature, which allows devices ready to be run.

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