

Topic Fundamental of IT

1.1 Uses of Computer ?

- Ans → (1) Booking railway tickets.
 (2) Looking for various kinds of Information.
 (3) Paying electricity and mobile Phone bills.
 (4) Making banking transactions.
 (5) Applying for PAN Card.
 (6) Passport and So on.

1.2 About Computers ?

(i) What a Computer is ?

Ans → A Computer is an electronic device used to store and process data and information.

(ii) What can we do with a Computer ?

Ans → (1) You can connect with your family and friends living miles away.

- (2) Store information
 (3) Book railway tickets.
 (4) Access bank accounts.
 (5) Play games
 (6) Listen to music and watch movies.

1.3 Basis of Computer ?

(i) How to start a Computer ?

et Singh Basic Parts of Computer

Ans → (i) Monitor: The monitor is like a TV and is used to display the output on the screen. → A

(ii) System Unit Box: The system unit box contains the Central Processing Unit (CPU). The CPU is the brain of the computer. → A

(iii) Keyboard and Mouse: The keyboard and the mouse are input devices by which we enter data into the computer.

Connecting the Computer

Place the computer on a desk.

Set the system unit next to the monitor.

How to connect the monitor to the system unit?

→ The video port of the system unit is called VGA port.

Connect one end of the VGA cable to the video port in the system unit and the other end to the monitor.

→ A keyboard comes with either of these two types of connectors

PS/2 Connector or USB Connector.

A Computer mouse comes with three different models of connectors — PS/2 connector, USB connector or Serial connector.

A printer comes with two types of connector — Parallel port or USB port to the system unit.

How should be a Connect the Computer to the main electric Switch Board?

Plug one power supply cable in the power supply plug in the system unit and plug the cable to the power supply port in the monitor. After that plug both the cable to the power plugs in a switch board or the UPS provided.

How to Switch on the Computer?

~~For~~ Switch on the power supply of both the system unit and the monitor. Then, press the power button of the system unit and then switch on the monitor by pressing its power button.

1.4 Various parts of Computer?

- (i) Hardware.
- (ii) Software.

(i) Hardware : Components are the physical parts of computer like CPU, mouse, storage ~~and~~ printer, keyboard, modem, light pen, pen drive etc.

(ii) Software : Components are the set of instructions that we store and run on our hardware.

There are two types of Software

- (i) Application Software
- (ii) System Software

(i) Application Software is a program that helps the user to perform a specific job in a computer.
~~For~~ For ex, Microsoft office and openoffice Draw.

(ii) The System Software that are directly related to the computer hardware are called System Software.