

UNIT 1: Information System

Topic:- Hardware

⇒ It is the study of computer networks, hardware and softwares, which people and organisations use to collect, filter, process and create a database.

Topic:- Information System.

⇒ Information System is a field which studies computers and its principles of working/principles working, hardware design, software requirements — etc.

An Information System comes in various types depending upon its working.

- i) Design Support System.
- ii) Translation Processing System.
- iii) DBMS.
- iv) Learning Support System — So on

The Information System hardware refers to the computers used, its hardware specification (hardware configuration), network type (internet, intranet, etc) and type of software used.

Topic:- Memory System.

⇒ Memory is a storage device which is used to store data and information. There are two types of memory in computer.

i) Internal Memory:-

⇒ The internal memory is also known as primary memory and main memory.

The primary memory is very compact in size, very high speed and it is very costly.

There are two types of internal memory —

i) RAM. ii) ROM

i) RAM: RAM stands for Random access memory. It is made up of semiconductor material. It is volatile in nature. It means that data will be stored as long as there is electricity supplied.

ii) ROM: ROM stands for Read only memory. It is non-volatile memory. It means data will remain stored even if power supply goes off. The manufacturer stores driver software in Read

only memory. It is also made up of Semiconductor material.

2) External Memory:-

⇒ It is also known as Secondary memory as well as auxiliary memory. This memory is large enough to store huge back amount of data. This is non-volatile memory. Its Speed is very slow as compared to Primary memory RAM and ROM. It is less expensive as compared to Primary memory. Some of the external memory devices are Hard-disk, CD, DVD, Pen drive, Floppy-disk.

Topic:- Input and output technology

⇒ The operation and function of computer is based on the fundamental concept of Input Process and output. It receives input from various input devices.

For exa:-

Keyboard, Mouse, Scanner, Bar-code-reader, Joystick, microphone, Trackball, Digital camera.

Similarly some of the output devices