Class 6th

Know Your Computer Hardware

Ch– 1

FORMATIVE

1.   Multiple Choice Questions:

   (a)   Hardware

   (b)   Scanner

   (c)   Output device

   (d)   CPU

   (e)   Joystick

   (f)   Motherboard

2.   Fill in the blanks:

   (a)   Hardware, Software

   (b)   XXXXXXXXXXXXXXXXX

   (c)   Peripheral

   (d)   bar code

   (e)   Software

   (f)   CRT, LCD

   (g)   Motherboard

3.   State True or False

   (a)   False

   (b)   False

   (c)   True

   (d)   True

   (e)   True

   (f)   True

   (g)   True

   (h)   True

SUMMATIVE

Very Short Answer Questions:

Ans. (a)   Hardware and Software

Ans. (b)   We attached the keyboard with system unit by ports.

Ans. (c)   (i)   Mouse

    (ii)   Joystick

Ans. (d)   (i)   Hard disk

    (ii)   CD – ROM

Ans. (e)   (i)   Zip drive

    (ii)   Pen drive

Ans. (f)   (i)   Monitor

    (ii)   Printer

Ans. (g)   (i)   Mother board

    (ii)   BIOS Chip

Long Answer Questions:

Ans. (a)   Computer is an electronic machine. It is used in billing, printing, teaching, entertainment etc.

Ans. (b)   All the physical parts of a computer are called hardware.

    Example:- Keyboard, Monitor, Mouse, Printer etc.

Ans. (c)   The hardware components which are used to enter data and instructions to the computer are called input device.

    Example Keyboard, Scanner etc.

    Keyboard:- Keyboard is an input device. It helps the user to input the data. It contains different types of keys. Desktop computer keyboard have 101 to 105 keys.

    Scanner:- Scanner is an input device that reads printed text and graphics and

then translates the results into a form the computer can process.

Ans. (d)   Short notes:-

(i)   Scanner:- Scanner is an input device that reads printed text and graphics and then translates the results into a form the computer can process.

(ii)   Touch Screen:- Touch Screen allows the users to operate selections by simply touching the display screen.

(iii)   Pen drive:- Pen drive can be used to transfer audio, video and data files from the hard drive of one computer to another.

(iv)   LCD Projector:- LCD Projector attached directly to a computer and uses its own light source to display the information shown on the computer screen.

(v)   Motherboard :- The motherboard is the largest and has many similar board plugged into it. It holds all of the most important part of the computer.

(vi)   BIOS Chip :- The BIOS Chip wakes up the computer when you turn it On and reminds it what parts it has and what they do.

Ans. (e)   Power supply is necessary for the computer because when the computer is turn on, the power supply allows its components to work.

Ans. (f)   The storage devices are used to store data and information into the computer for future use.

Ans. (g)   Differentiate between:-

(i)   Input devices and output devices

Input devices:- The hardware components, which are used to enter data and instructions to the computer are called Input devices.

Output devices:- Any hardware component that can convey output to a user is called output device.

(ii)   Impact printer and Non – impact printer

Impact printer:- In Impact printer the character is formed by physical contact or pressure of the Print head against as ink ribbon and give impact onto the paper.

e.g. Dot-matrix printer, drum printer etc.

Non – impact printer:- In Non – impact printer there is no physical contact of the head with the paper or ribbon. e.g. laser printer, Inkjet printer etc.

(iii)   RAM and ROM

RAM:- When the computer is turned off, RAM forget everything we typed in it. RAM is volatile memory which means temporary in nature.

ROM:- ROM is non-volatile memory which means permanent in nature.