Blooming Buds School
Computer Notes (Regular And Absentees)
Class VII

Chapter 1: Hardware Components

A. Fill in the blanks.

1. Hardware 2. Motherboard 3. Ethernet 4. Heat Sink 5. Pixels

B. Write T for True and F for False.

1. F 2. T 3. F 4. T 5. T

C. Select the correct option.

1. c 2. a 3 . a 4. c 5. a

D. Application-based questions.

1. USB port 2. Scanner

E. Answer the following questions.

1. The physical components of a computer that you can touch and feel are known as hardware. Software
is a set of programs that instructs a computer about the work to be done.

2. Internal hardware components are installed within a CPU cabinet whereas external hardware are
connected to a computer externally.

3. A motherboard is the main circuit board of a computer that holds the most essential components of the
computer system.

4. A computer port is a slot on the motherboard that acts as a point of connection between a computer
and an external device.
Serial Port: It transfers the information in or out sequentially one bit at a time.
Parallel Port: It transfers several bits of data together at one time.

5. A modem allows a computer to send or receive information through telephone lines by converting digital
data into analog signals and vice versa.
• An internal modem comes pre-installed in the computer.
• External Modem is a box-like structure that is normally connected to USB port of a computer. It has
indicator lights that display the speed of a modem, measured in bps, i.e., bits per second.
• PC Card Modem is specifically designed for laptops and handheld computers.

6. SMPS stands for Switching-Mode Power Supply. It is essential for safe running of power consuming electrical
and electronic components of the CPU. SMPS uses a switching regulator to control and stabilise the output
voltage by switching the load current on or off.

7. A printer is a peripheral device that prints the information on a paper. Impact printers allow physical contact
between the printer head and paper, i.e., these printers print by the impact of printer head on the paper.
They are also called character printers. Non-Impact printers do not allow physical contact between the
printing head and paper, i.e., they do not strike against the inked ribbon or the paper that is being printed