

# Welland Gouldsmith Schools

Class: VII

Subject: Computers

Chapter: Hardware Components of a Computer System

Answer key

(a) Give the full form of:

- 1) **VDU:** Visual Display Unit
- 2) **SMPS:** Switched-mode power supply
- 3) **ALU:** Arithmetic Logic Unit
- 4) **CD-RW:** Compact Disc-Recordable.

b) Give one point of difference between:

<b>1) Sound card</b>	<b>Graphic card</b>
It is a hardware component that enables a computer to produce sound.	It is a hardware component that controls the display of graphics such as pictures and videos on a computer.
<b>2) Internal ports</b>	<b>External ports</b>
Internal ports connect devices such as Hard drives, CD/DVD drives so on.	External ports connect devices such as modems, printers, pen drives etc

(c) Define the following:

- 1) **Network Interface card:** It is a card that connects a computer to a network.
- 2) **Chip:** A small integrated circuit used in computers.
- 3) **Modem:** A device that converts digital information into analog and vice versa.
- 4) **Circuit:** A board on which printed or integrated circuits are installed.

**(d) Briefly answer the questions:**

1) **Function of Keyboard:** It allows to input letters, numbers and other symbols into a computer.

2) **Printers:** A printer is used to print text or images on a sheet of paper. Printers are of mainly of two types: a) Impact printers b) Non-impact printers

**Impact printers:** These printers use a print head to strike an ink ribbon to give impression on a sheet of paper. E.g. Dot-matrix printer

**Non- impact printers:** these printers do not use a print head to strike an ink ribbon to give an impression on a sheet of paper. They make less sound. E.g. Inkjet printer and laser printer