Reading

Go Beyond Computer Essentials

1. Read the text below about basic information of computer!

What is Computer

A computer is an electronic machine which can accept data in certain form, process the data, and give the result of the processing in a specified format as information.

First, data is fed into the computer's memory. Then, when the program is run, the computer performs a set of instruction and processed the data, Finally, we can see the result (the output) on the screen or in printed form (see fig. I below).

A computer system consists of two parts, hardware and software. **Hardware** is any electronic or mechanical part you can see or touch. **Software** is a set of instructions, called a program, which tells the computer what to do there are three basic hardware section, the **central processing unit (CPU), main memory** and **peripherals**.

Perhaps the most influential component is the central processing unit. Its function is to execute program instructions and coordinate the activities of all the other units. In a way, it is the 'brain' of the computer. The main memory (a collection of RAM chips) holds the instruction and data which are being processed by the CPU. Peripherals are the physical units attached to the computer. They include storage devices and input/output devices.

Storage devices (hard drives, DVD drives of flash drives) provide a permanent storage of both data and programs. **Disk drives** are used to read and write data on disk. **Input devices** enable data to go into the computer's memory. The most common input devices are the **mouse** and the keyboard. Output devices enable us to extract the finished product from the system. For example, the computer shows the output on the **monitor** or prints the result onto paper by means of a **printer**.

On the rear panel of the computer there are several **ports** into which we can plug a wide range of peripherals – a modem, a digital camera, a scanner, etc. They allow communication between the computer and the devices. Modern desktop PCs have USB port and memory card readers on the front panel.-

A USB port

A USB connector

Input

Data is collected and entered

Processing

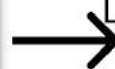The results are shown on the monitor or in print form

Output

Data is manipulated
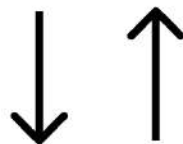
Storage

Files and programs are held on disk

Expenses
(e.g.payroll,
services,

Income(e.g
sales, stocks,
inter est)

Balance

2. After read the text, Match these words from the text (1-9) with the correct meanings (a-i).

1. Software

a. the brain of the computer

2. Peripherals

b. physical parts that make up the computer system

3. Main memory computer system

c. programs which can be used on a particular computer system

4. Hard drive (also known as hard disk)

d. the information which is presented to the computer

5. Hardware

e. results produced by a computer

6. Input

f. input devices attached to the CPU

7. ports

g. section that holds programs and data while they are
executed or processed

8. output

h. magnetic device used to store information

9. central processing unit (CPU)

i. sockets into which an external device may be connected