JESUS AND MARY SCHOOL

Subject- Computer

Class-2 MODULE-3

Ch-3 Input and Output devices

SUMMARY-: In this chapter we will learn about concept of Input- Process-Output cycle ( IPO ) and identify the input and output devices.

I-P-O cycle-: Almost every machine that we use these days takes some material as input and gives the final product as output after processing the raw material. This mode of operation is known as IPO cycle.

Input-: The thing that is given to a machine to work on is called input. For example- when you make mango shake you put mango, sugar and milk in the mixer grinder. These things are called input.

Output-: The things which we get from machine after it works a known as Output. In the above example the mango shake given by the mixer grinder is the output.

There are some more inputs and output.

Input ----- Process----- Output

1. Dirty clothes--- Washing machine--- Clean clothes

2. Petrol--------- Car------- Energy for running

Input is given to the computer through input devices likes keyboard, mouse or scanner. Output is given by the computer throughout devices like speakers, printer and monitor.

Input devices-:

1. Keyboard-: The board with alphabets and numbers on it is called the keyboard. The big and small buttons on it are called keys. Normally, these are 104 keys in a keyboard.

2. Mouse-: Mouse is a pointing device. A computer mouse has two buttons on it and a scroll wheel at the centre. A computer mouse helps us to select any folder or content from the computer screen.

3. Scanner-: Scanner is a device that helps us to copy text and images into the computer. 4.Microphone-: Microphone is an input device. It is used to record songs, sounds or our voice on the computer. A microphone is called “ Mic” or “mike” in short.

5. Joystick-: Joystick is a device which is used to control movement of the objects on a computer. It is used for playing games on a computer.

Output devices-: Parts of the computer that gives us the final output after processing are called output devices. Ex- Monitor, Printer, Speakers etc.

1. Monitor-: Monitor displays everything that we do on the computer. It looks like a TV. It is also known as Visual display unit (VDU).

2. Printer-: Printers help us to print pictures and documents as output on paper from the computer.

3. Speakers-: Speakers help us to listen to sounds from a computer. Usually, the speakers come in pairs.

Storage devices-: We need to store the data and information input by the user, before processing. The output also needs to be stored somewhere. Some storage devices are CD, Pen drive, DVD, Memory card etc.

1. CD/DVD-: We use CD/DVD as storage device. We can store our information /data in it.

2. Pen drive-: It is smaller, faster and has more capacity than CDs. It is small sized storage device with huge capacity to store data and information. It is also called USB or flash drive.

3. Memory card-: It is small chip type storage device. It is usually used in cell phones and cameras.

WORKSHEET

EXERCISE-:1

Tick the correct option-:

1. Mouse is an:

a. Input device ( ) b. output device ( ) c. typing device ( )

2. We can get a hard copy with the help of a:

a. CPU ( ) b. pen drive ( ) c. printer ( )

3. There are ----- keys on a keyboard.

a. 104 ( ) b. 125 ( ) c. 107 ( )

4. Which computer part helps you to hear sound?

a. CPU ( ) b. Speaker ( ) c. monitor ( )

5. Which of the following devices is used to store information?

a. Speaker ( ) b. CD drive ( ) c. printer ( )

6. Which computer part helps in playing games and drawing pictures? a. keyboard ( ) b. CPU ( ) c. Mouse ( )

EXERCISE-2

Fill in the blanks-:

1. **Speakers** help us to listen sounds on a computer.

2. With the help of a printer, we can **print** any document.

3. **Scanner** helps us to copy pictures and images in to the computer.

4. **Microphone** helps us in recording our voices.

5. **Mouse** is a pointing device.

EXERCISE-3

True and false

1. The monitor looks like a TV. { T }

2. The keyboard helps us to type. { T }

3. The pair of speakers are example of an output device. { T }

4. The parts of a computer help it walk, run and bathe. { F }

5. Microphone helps us to record sound. { T }

Exercise-4

Question/Answer

Que.1 Write the name of two input devices.

Ans. Keyboard, Mouse

Que.2 Write the name of two output devices.

Ans. Monitor, Printer

Que.3 What is a pen drive?

Ans. Pen drive is smaller and faster device. It has more capacity than CDs.

Que.4 What is the another name of microphone?

Ans. Another name of microphone is “Mic”.

Que.5 What is a hard copy?

Ans. The output that we get from a printer is called hard copy.

Que.6 Who develop the mouse?

Ans. Douglas Engelbart developed the mouse.

Que.7 Who develop the keyboard?

Ans. Sir Christopher Latham Sholes developed the keyboard.

EXERCISE-5

Write the full form

1. CD- Compact disc

2. VDU- Visual display unit

3. DVD- Digital versatile disk

4. CPU- Central processing unit

EXERCISE-6

Draw and colour diagram of mouse and monitor

SOLUTION OF MODULE-2

Answer sheet for Module 2 worksheet

Tick the correct option-:

1. a. school

2. b. hospital

3. a. calculator

4. b. make tea

5. c. solve sums