

## **Answer key**

### **CHAPTER 1 – Know about the computer**

#### **I. Answer the following**

1. Write any three uses of a computer?

A computer can be used for the following

- a. Listen to music
- b. To watch movies
- c. To surf the internet

2. Why do you need a mouse to work on a computer?

A mouse helps in pointing at and selecting items on a computer screen. It also helps in selecting the position from where you want to type new text. You can also draw pictures and shapes using the mouse.

3. What does the CPU box contain? Why is it important?

The CPU box contains the Central Processing Unit (CPU) of the computer. The CPU controls all parts of a computer. Therefore, it is also called the brain of the computer.

4. List any three characteristics of a computer.

The following are three important characteristics of a computer:

- a. Speed
- b. Accuracy
- c. Diligence

5. Write any two ways in which a tablet is different from desktop.

A tablet differs from a desktop in the following two ways:

- a. A tablet does not have a keyboard attached to it, and it does not need a mouse.

- b. A tablet has a touchscreen, so you can work directly on the screen of the tablet using your fingers or a pen-like device.

## II. Application based questions

1. Tablet, Netbook, Laptop, Desktop

Characteristics	Limitations
Speed Accuracy Diligence Reliability Memory	Decision-making

## III. Expand the following

1. Central Processing Unit
2. Liquid Crystal Display
3. Cathode Ray Tube
4. Visual Display Unit
5. Light Emitting Diode
6. Personal Computer

## Worksheet 1

### a.

1. REGISTER
2. PRINTER
3. NET BOOK
4. TABLET
5. MEMORY

### b.

1. Monitor
2. Mouse
3. Speaker

4. Keyboard
5. CPU box

## **Worksheet 2**

1. Personal Computer
2. Tablet
3. laptop
4. mini computer
5. Super Computer
6. Palmtop

## **CHAPTER 2**

### **How Does a computer work?**

#### **I. Answer the following**

1. Name the three types of devices needed by a computer to follow the IPO cycle.  
A COMPUTER needs the following three types of devices to follow the IPO cycle:
  - a. Input device
  - b. Processing device
  - c. Output device
  
2. What are input devices? Give an example.  
The devices through which we enter data and instructions into a computer are called input devices. A keyboard is the most commonly used input device.
  
3. Why is the CPU an important part of a computer?  
The CPU (Central Processing Unit) of a computer is responsible for processing the input given by the user. It is called the brain of the computer. Therefore, it is an important part of the computer.

4. What is a soft copy?

The output that we see on a monitor is called the soft copy.

5. What are output devices? Give an example.

The devices through which we get the output from a computer are called output devices. A monitor is an example of an output device.

6. Expand the following: IPO Cycle, VDU

1. Input – Process – Output Cycle
2. Visual Display Unit

7. What is a hard copy?

The output that is printed on a sheet of paper.

## **II. Application based questions**

a. i. Keyboard (Input device)

ii. Mouse (Input device)

iii. Speakers (Output device)

b. Yes, this task follows the IPO cycle. The chocolate syrup, sugar, and warm milk are the input. Mixing the ingredients together is the process. The glass of chocolate milk so obtained is the output.

### **Worksheet 1**

A. P I O

B. I O P

C. I P O

### **Worksheet 2**

1. Output

2. Input

3. Input

4. Output

5. Output