Class – 3

Subject - Computer

Chapter-2 Hardware and Software

Computer- There are two basic parts of computer.

- Hardware
- Software

*Hardware- Physical parts of a computer which you touch and see is called as hardware. Example monitor, keyboard, hard disk, CPU chip etc.

* Hardware of the computer is classified into 3 parts

1. Input devices- Example - Keyboard, mouse, joystick etc.

2. Output devices- Example - Monitor, printer, speaker.

3. Storage devices- Example- CD, hard disk, pen drive.

* Software- Computer software is a set of instructions given to a computer to do a particular work.

* Computer software is that part of the computer which cannot be seen and touched. It is a set of instructions into the computer to do a particular work. Computer software is that part of a computer that which cannot be seen or touched.

* How does computer software work?

In computer we put information through input devices, this information is then processed in the CPU, and this processing is done by software. It takes the input from the user processing it and displays the output on the monitor. Computer software's are of two types.

1. System software
2. Application software

System software is a set of programs that controls the overall working of the computer.

Operating System – It is a part of system software that makes a computer run. Without operating system a computer cannot work on its own. It manages all input and output operations. It also manages the link between different parts of computer and the user. Operating system is the driver of the computer which makes it run and without it a computer cannot work.

Application software is a software that is designed to do a specific type of work is called application software. For example, MS paint, games, word pad, calculator, etc.

Note: Question number A, B, C and D to be done in book only.(whenever available)

A. **Fill in the blanks-**
1. The parts of a computer that can be touched and seen are called <u>hardware</u> .
2. The devices used for storing data are called <u>Storage devices</u> .
3. The devices that give results after processing are called <u>Output devices</u> .
4. A set of instructions given to a computer is called <u>Operating System</u> .
5. The <u>Software</u> manages the overall working of a computer.

B. **State true or false-**
1. The software that can do a specific type of work is called system software. (True)
2. A scanner is an input device. (False)
3. The Tux paint program is used for drawing pictures. (True)
4. A printer is an output device. (True)
5. The devices that give us output are called input devices. (False)

C. Match the following-

1. Input devices   Printer (4)
2. Data   hard disk (3)
3. Storage devices   songs (5)
4. Hardware   90 + 85 + 69 + 98 + 76 + 84 (2)
5. Software   keyboard (1)

D. Application based questions.

1. Kabir wants to record a song in the computer. Which input device can he use ?

   <u>Micro phone</u>

2. Sheena wants to draw a greeting card using a specific software. Which type of software will she use ?

   <u>Tux paint</u>.

Note: Whole Section B to be done in note book.

Section-B

A. Name the device used for each of the following jobs:

1. A device commonly seen in video parlous for playing games - Joystick.

2. A device used to record our voice and other sounds in a computer - Micro phone .

3. A device that can read words, pictures or numbers from paper and store them in a computer – Scanner .

4. A device use to hear sounds and music stored in a computer – Headphone .

B. Answer the following Questions:

Q1. Define the term software. Name its types.

Answer. Software is that part of a computer, which cannot be seen and touched.

There are two types of software.

    a. System software

    b. Application Software

Q2. What is a storage device ? Give any one example.

Answer. The device used for storing data are called storage device. Hard disk is of storage device, which stores the entire work we do on a computer.

Q3. What do we call the hardware devices that are used to enter words, numbers or pictures ?

Answer. Keyboard is the hardware device that used to enter words, numbers or picture.

Q4. Which application software is used for typing and making corrections in the text ?

Answer. Gedit is that application software which is used for typing and making correction in the text.

Q5. Name the program used for performing calculations.

Answer. Calculator is the program used for performing calculations.

Note: Whole Activity Section to be done in book.

Activity section

    A. Complete the crossword puzzles using the hints given below.
        1. Computer
        2. Software
        3. Output
        4. Operating System
        5. Speaker
        6. Keyboard
        7. Joystick
    B. Sort these devices and place them in the correct column:

Input	Output
Microphone	Monitor
Headphone	Scanner
Joystick	Speaker
Mouse	
Printer	
Keyboard	

Thank you
Stay home
Stay safe.