

Class: III Subject: Computers

Date: 15.04.24

Topic: A Computer System

Teacher: Rupinder

Ch-1

Good Morning Students,

Students, this lesson is for class-3 for the subject of Computers. Topic - 'CPU and its parts' which is covered in chapter-1 starting on page no.-7 of your text book, titled - 'Kips-logix' and is being submitted to you on 15.04.24

- All the students, May now please open page no.-7 in front of them.
- I hope all the students are ready for today's lesson. So let us start with the topic. All the students, Please listen carefully.
- * MU (Memory Unit):- Students, Memory unit works like the memory of the brain. This unit stores data and instructions.
- * CU (Control Unit):- Students, Control unit works like a traffic police man. Like Traffic police man controls the traffic of all the directions. In the same

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way, This part of CPU controls and manages all the parts of a computer.

* ALU (Arithmetic and Logical Unit) :- Students, like you solve your problems of maths using addition, subtraction and multiplication etc. In the same way ALU performs all the calculations. It does addition, subtraction, multiplication and division. It also performs comparisons using different logical operations like finding the greater number ($>$), small number ($<$), greater than equal to ($>=$), less than equal to ($<=$), equal to ($=$) and not equal to ($<>$)

Students, Next topic we are going to study is-

3. Keyboard:- Students, for typing data and instructions into the computer, we use keyboard. A commonly used keyboard has 104 keys. These keys of keyboard are divided into many groups based on their functions.

Types of keys:- (i) Typing keys (ii) Control keys
(iii) Function keys (iv) Numeric keypad (v) Navigation keys.

Students, we will study these keys one by one.

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- (i) Typing keys:- These keys include all alphabet letters, numbers, special symbols etc. Shift, Capslock, Backspace and tab keys are also working like typing keys.
- (ii) Control keys:- These keys include - Ctl, Alt, Esc, Windows logo key etc. These keys are used alone or in combination with other keys for different purpose.
- (iii) Function keys:- Students, these keys are labelled as F1, F2 --- F12 and are placed on the top row of the keyboard. These keys are used for performing different tasks.
- (iv) Numeric keypad:- Students, It consists of number keys from 0-9. It is placed on the right side of the keyboard and is used for typing numbers.
- (v) Navigation keys:- These keys help in editing the text and move through the documents. These include - Arrow, Home, End, Pageup, down, Delete etc.

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* Children, All of you May now take 3 minutes break. During break time you will write the full forms of the following-
VDU, CRT, LED, LCD, IPO, MU, CPU, CU, ALU in the note book.

* Let us
Continue with the next topic present on page no-4 and the topic is-

4. Mouse:- Students, All of you know about this device of computer. A mouse works like a pointing device and connected to the CPU by a cable. When we move mouse with our hand, a pointer moves on the screen. With the help of mouse, you can draw pictures. A Mouse has two buttons and a scroll wheel in the center.

* Children, Now, I am ending the lesson here. Please read and listen to the lesson carefully and learn the parts of CPU.

Thank you...

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