

Month - April Ln-1 Inside the brain of a
Std - IV Computer - Exploring the CPU.

D- Words .

1. Input
2. Process
3. Output
4. Control unit.
5. Arithmetic Logic Unit.
6. Memory unit.
7. Hard-disk.
8. Gigabytes .
9. Permanent.
10. Temporary .

E. Very short answers questions.

1. Which part of the CPU stores the data and instructions while working ?

ans. The Memory Unit (MU) stores the data and instructions while working.

2. What do we call the devices that give us the final result from the computer ?

ans. The devices that give us the final result from the computer are called output devices.

3. The size of the hard-disk is measured in which Unit ?

ans. The size of the hard-disk is measured in bytes - Gigabytes (GB), Terabytes (TB).

4. What is the full form of ROM?

ans. The full form of ROM is Read Only Memory.

5. What parts is the memory unit made of?

ans. The memory unit has three main Parts - ROM, RAM and HDD.

F. Short answer questions.

1. What is the IPO cycle in a computer?

ans. * IPO cycle stands for Input-Process-Output cycle.

* Input means giving data or instructions to the computer.

* Process is the step where the computer works on the inputs.

* Output is the result that the computer gives after processing.

2. What is the use of the Control unit in the CPU?

ans. * The Control unit (CU) controls all operations of the computer.

* It gives instructions to other parts of CPU.

* It ensures instructions are carried out correctly to get the result.

3. Why is the RAM known as temporary memory of the computer?

ans. The RAM is known as temporary memory of the computer because it keeps the information only while the computer is working.

4. What does the Arithmetic and Logic Unit (ALU) do?

ans. The ALU does arithmetic and logical work, such as adding numbers or comparing values.

5. What is the use of ROM?

ans. ROM is the part of a computer that is used to store permanent instructions needed to start it and run application.

G. Competency based questions:

1. You open an image file you created using MS Paint. Which type of memory (RAM, ROM or HDD) will store this file?

ans. HDD.

2. You are using an ATM to withdraw money.
• What is the input?

ans. ATM card and Pin.

- What process happens?

ans. Machine checks details and Process the request.

- What is the output you get?

ans. Cash.

3. Two laptops are for sale. One laptop has 4GB RAM, 2.0 GHz processor, and 500 GB of HDD. The second one has 8GB RAM, 3.0 GHz processor, and 300 GB HDD.

- Which one is better for playing games with high graphics.

ans. The second Laptop is better for high-graphics games.

- Which one will you choose if you want to keep lots of videos to watch?

ans. First Laptop.