

PARAGON CONVENT SCHOOL

SECTER 24 B CHANDHIGARH

CLASS 3

CH- 5 CENTRAL PROCESSING UNIT

BRAIN DEVELOPER

A. Fill in the blanks:

1. The CPU is the **brain** of a computer.
2. The CPU is also known as the **processor**.
3. The **control** unit controls and manages the operations of a computer system.
4. The **arithmetic** and logic unit performs all arithmetic calculations and logical operations.
5. The **memory** unit stores all the data and information.

B. State true or false:

1. The CPU is also known as the programmer. **False**
2. The CPU is enclosed inside a box known as the CPU Cabinet. **True**
3. The CD is the brain of the computer. **False**
4. The ALU performs all arithmetic calculations and logical operations. **True**
5. The control unit is used to store the information. **False**

C. Multiple choice Questions:

1. The CPU has mainly _____ parts.
a) Two b) **Three** c) Four
2. Bob Noyce and Gordon Moore are the founders of _____.
a) Google b) Gmail c) **Intel**
3. The _____ performs all arithmetic calculations and logical operations.
a) CU b) **ALU** c) MU

D. Answer the following questions:

Q 1. What is CPU? Explain its functions.

Ans. CPU is the brain of a computer where it processes and stores the information, performs calculations and gives result to the output devices.

Q 2. Name the main parts of the CPU.

Ans. The CPU has mainly three parts- Memory Unit (MU), Arithmetic and Logic Unit (ALU) and Control Unit(CU).

Q 3. What is the function of Control Unit?

Ans.The Control Unit manages all the operations of the computer.

Q 4. What is the use of an ALU?

Ans.Arithmetic and Logic Unit (ALU) performs the arithmetic calculations and logical operations.