**Block Diagram of Computer**

**1. What is the main function of the Control Unit (CU) in a computer system?**

A) Perform arithmetic operations

B) Control the flow of data

C) Store data

D) Manage input/output operations

**2. Which of the following is not part of the CPU in a computer's block diagram?**

A) Arithmetic and Logic Unit (ALU)

B) Control Unit (CU)

C) Primary memory

D) Register

**3. What does the ALU (Arithmetic and Logic Unit) primarily do?**

A) Stores data

B) Performs calculations and logical operations

C) Controls the operation of the system

D) Manages input and output devices

**4. Which component is responsible for performing arithmetic operations like addition and subtraction in the computer block diagram?**

A) ALU (Arithmetic and Logic Unit)

B) CU (Control Unit)

C) Memory

D) Input devices

**5. In a computer's block diagram, which of the following components is primarily responsible for storing data?**

A) Control Unit

B) ALU

C) Memory (RAM/ROM)

D) Input/Output devices

**6. What does the “bus” in the computer block diagram refer to?**

A) A storage device

B) A data transmission pathway

C) A processing unit

D) A software component

**7. Which of the following is NOT a part of the input devices in a computer system block diagram?**

A) Keyboard

B) Mouse

C) Monitor

D) Scanner

**8. In the block diagram of a computer system, where is the data processed?**

A) Input devices

B) Memory

C) CPU

D) Output devices

**9. Which component of a computer system’s block diagram communicates between the CPU and the memory?**

A) ALU

B) Bus

C) Control Unit

D) Cache

**10. Which of the following is the primary purpose of the Output Unit in the computer system's block diagram?**

A) Convert user commands into machine code

B) Display or produce the result of processing

C) Store data permanently

D) Control the flow of data

**11. Which block in the computer system is responsible for managing the flow of data between various components?**

A) ALU

B) Control Unit

C) CPU

D) Memory

**12. What does the term “bus” refer to in the context of a computer's block diagram?**

A) A type of memory storage

B) A pathway for data transfer

C) A type of processor

D) A software tool

**13. Which of the following components is part of the output devices in a computer system?**

A) Printer

B) Keyboard

C) Mouse

D) Scanner

**14. Where does the computer’s central processing occur in the block diagram?**

A) ALU

B) Control Unit

C) CPU

D) I/O Units

**15. Which block is responsible for executing instructions in the computer system?**

A) Control Unit

B) ALU

C) Register

D) CPU

**16. Which block of the computer system is used for temporary storage of data during processing?**

A) RAM

B) ROM

C) ALU

D) Cache

**17. Which unit in the computer system is responsible for interpreting and executing machine instructions?**

A) Control Unit

B) ALU

C) CPU

D) Memory

**18. Which of the following does NOT belong in the CPU block diagram?**

A) Control Unit

B) ALU

C) Registers

D) Hard Disk

**19. What is the function of the primary memory (RAM) in the block diagram of a computer system?**

A) Store data permanently

B) Process data

C) Temporarily store data and instructions

D) Control the execution of instructions

**20. Which part of the block diagram connects the CPU to the memory, performing the reading and writing of data?**

A) I/O System

B) Control Unit

C) Bus

D) ALU