

1 Lecture - CS401

Important Mcqs

1. Which of the following is responsible for fetching instructions from memory and executing them?

- a) ALU
- b) Control Unit
- c) Input Unit
- d) Output Unit

Solution: b) Control Unit

Which component of a CPU stores the results of arithmetic and logical operations?

- a) Cache Memory
- b) Control Unit
- c) ALU
- d) Registers

Solution: d) Registers

Which type of memory can be read from and written to?

- a) ROM
- b) RAM
- c) Cache Memory
- d) Virtual Memory

Solution: b) RAM

What is the purpose of the system clock in a computer system?

- a) To synchronize the execution of instructions
- b) To store data
- c) To display the time
- d) To provide power to the system

Solution: a) To synchronize the execution of instructions

Which component is responsible for communicating with input and output devices?

- a) ALU
- b) Control Unit
- c) Input Unit
- d) Output Unit

Solution: c) Input Unit

Which component is responsible for performing arithmetic and logical operations?

- a) Control Unit
- b) ALU
- c) Input Unit
- d) Output Unit

Solution: b) ALU

Which of the following is a type of secondary storage device?

- a) Hard Disk Drive

- b) Cache Memory
- c) RAM
- d) Registers

Solution: a) Hard Disk Drive

Which type of memory is non-volatile?

- a) ROM
- b) RAM
- c) Cache Memory
- d) Virtual Memory

Solution: a) ROM

Which component of a CPU controls the flow of data between the CPU and memory?

- a) ALU
- b) Control Unit
- c) Input Unit
- d) Output Unit

Solution: b) Control Unit

Which of the following is a type of primary memory?

- a) Hard Disk Drive
- b) Optical Disk Drive
- c) Flash Drive
- d) RAM

Solution: d) RAM