

Computer System Organization – MCQ Questions (Class XI CBSE)

1. Which of the following is the brain of the computer system?

- a) RAM
- b) CPU
- c) ROM
- d) Cache

Answer: b) CPU

2. Which unit performs arithmetic and logical operations?

- a) Control Unit
- b) Arithmetic Logic Unit
- c) Memory Unit
- d) Input Unit

Answer: b) Arithmetic Logic Unit

3. Which of the following is not an output device?

- a) Printer
- b) Monitor
- c) Scanner
- d) Plotter

Answer: c) Scanner

4. The primary storage of a computer is also called:

- a) Hard Disk
- b) Secondary Memory
- c) Main Memory
- d) Pen Drive

Answer: c) Main Memory

5. Which of the following is a volatile memory?

- a) ROM
- b) Flash Memory
- c) Hard Disk
- d) RAM

Answer: d) RAM

6. Which component directs the flow of data and instructions in a computer?

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

Answer: b) Control Unit

7. Which bus is responsible for carrying data between CPU and memory?

- a) Control Bus
- b) Address Bus
- c) Data Bus
- d) Serial Bus

Answer: c) Data Bus

8. ROM stands for:

- a) Random Operating Memory
- b) Read Only Memory
- c) Rapid Online Memory
- d) Read Once Memory

Answer: b) Read Only Memory

9. Which of the following is an example of secondary storage?

- a) Cache Memory
- b) Registers
- c) Hard Disk
- d) RAM

Answer: c) Hard Disk

10. Which of these is a type of non-volatile memory?

- a) RAM
- b) Cache
- c) Flash Memory

- d) Registers

Answer: c) Flash Memory

11. The smallest unit of data in a computer is:

- a) Byte
- b) Bit
- c) Nibble
- d) Word

Answer: b) Bit

12. Which generation of computers used transistors?

- a) First
- b) Second
- c) Third
- d) Fourth

Answer: b) Second

13. Which of the following connects the processor with main memory?

- a) System Bus
- b) USB Port
- c) PCI Slot
- d) Parallel Port

Answer: a) System Bus

14. Cache memory is located between:

- a) CPU and Hard Disk
- b) CPU and Main Memory
- c) Main Memory and Input Devices
- d) Input and Output Devices

Answer: b) CPU and Main Memory

15. Which unit is responsible for fetching, decoding, and executing instructions?

- a) ALU

- b) Memory Unit
- c) Control Unit
- d) Input Unit

Answer: c) Control Unit

16. BIOS is stored in:

- a) RAM
- b) Hard Disk
- c) ROM
- d) Cache

Answer: c) ROM

17. Which of the following is not a type of computer bus?

- a) Data Bus
- b) Control Bus
- c) Address Bus
- d) Wireless Bus

Answer: d) Wireless Bus

18. Which type of memory is the fastest?

- a) Cache Memory
- b) Hard Disk
- c) RAM
- d) ROM

Answer: a) Cache Memory

19. A group of 4 bits is called:

- a) Byte
- b) Nibble
- c) Word
- d) Bitset

Answer: b) Nibble

20. Which component stores the operating system during computer startup?

- a) RAM
- b) Hard Disk
- c) Cache Memory
- d) Registers

Answer: b) Hard Disk