

Computer Science - ICS Part 1 Computer Science Chapter 5 Short Questions Preparation

Q1. List main part of CPU.

Ans 1: Main Part of cpu:

- CU(Control Unit)
- ALU (Arithmetic Unit)
- MU(Memory Unit or Register).

Q2. Describe the use of control bus.

Ans 1: These lines are used to transmit different commands from one component to another .For Example: if CPU wants to read data from the main memory;it will use the control bus to send the memory read command to the main memory of the computer.The control bus is also used to transmit other control signals like ACKS.

Q3. What is Computer Architecture?

Ans 1: Computer Architecture:The Architecture of the modern stored program machine the following are most important components.Control Unit,Architecture and logical unit,Main Memory,I/O Unit,Bus Interconnection

Q4. What is an instruction?

Ans 1: The set of all instructions provided by CPU is commonly known as the instruction set of that CPU.

Q5. What is GUI?

Ans 1: The GUI interface consists of windows,menu,icons and pointers.The user of the system communicates with OS by selecting different commands from the menu or by selecting icons with the pointing device.

Q6. State the purpose of input/output instruction.

Ans 1: Every CPU provides facilities for user with operations of reading data from peripheral device and writing data to a peripheral device.To use these operations a programmer may use input and print commands provided by the CPU.

Q7. Define ALU.

Ans 1: Function of ALU: The general purpose computer can perform different arithmetic operations on the data so it has a special unit that has electronic circuit to perform the basic arithmetic and logical operations such as addition,division,subtraction,multiplication,logically less than greater than,equal to on the data.This is called arithmetic and logic unit or ALU.

Q8. Why RAM is used in computer.

Ans 1: The most common type of memory is called Random Access Memory or RAM. It holds data and program instruction while CPU works on them. RAM is most important and significant for computers. Computers do not work without RAM. That is why it is called main memory.

Q9. What is RAM volatile?

Ans 1: The most common type of memory is called Random Access Memory or RAM. It holds data and program instruction while CPU works on them. RAM is volatile memory because it loses all its content when the computer is shut down or if there is a power failure.

Q10. Define customized software.

Ans 1: Customized software is software designed for a particular customer. The program can be developed by a single computer professional programmer.
