



## Tutorial No. 1

1. CPU is also often called the \_\_\_\_\_ of computer.
2. Define a microprocessor.
3. Define a motherboard.
4. The different parts of the CPU are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
5. \_\_\_\_\_ and \_\_\_\_\_ are the main memory.
6. What is the purpose of the main memory?
7. List the main functions of the CPU.
8. ALU consists of the \_\_\_\_\_ unit and \_\_\_\_\_ unit.
9. What are the functions of the ALU?
10. \_\_\_\_\_ is also called the working memory of the CPU.
11. Why are Registers used in the CPU?
12. Define word size.
13. “This is a 64-bit processor”. Explain its meaning.
14. The size of the register is also the \_\_\_\_\_ size.
15. Which is faster—a 32-bit processor or a 64-bit- processor?
16. What are the functions of the control unit?
17. Explain the need of the cache memory?
18. The \_\_\_\_\_ memory is placed between the RAM and the CPU.
19. There are \_\_\_\_\_ levels of cache memory.
20. State three important features of the cache memory.
21. What is the purpose of RAM?
22. List the components of computer hardware.



