**01. \_\_\_** **Computer architecture\_\_\_\_\_\_\_ refers to those attributes of a system visible to a programmer.**

**02. \_\_\_** **Computer Organization\_\_\_\_\_\_ refers to the operational units and their interconnections that realize the architectural specifications.**

**03. Control signals, interfaces between the computer and peripherals, and the memory technology used are all examples of \_\_\_** **Organizational\_\_\_\_\_\_ attributes.**

**04. The instruction set, the number of bits used to represent various data types, I/O mechanisms and techniques for addressing memory are all examples of \_\_** **Architectural\_\_\_\_\_\_\_ attributes.**

**05. The \_\_\_** **System/370\_\_\_\_\_\_\_ architecture is the architecture of IBM’s mainframe product line**.

**06. \_\_** **Structure\_\_\_\_\_\_\_ is the way in which the components are interrelated.**

**07. \_\_** **Function\_\_\_\_\_\_\_ is the operation of each individual component as part of the structure.**

**08. The basic functions that a computer can perform are: data processing, data movement, control, and \_\_** **Data storage\_\_\_\_\_\_\_.**

**09. When data are received from or delivered to a device that is directly connected to the computer, the process is known as \_\_** **I/O (input/output)\_\_\_\_\_\_\_\_.**

**10. The four main structural components of the computer are: main memory, I/O, system interconnection, and \_\_\_** **CPU (central processing unit)\_\_\_\_\_\_\_.**

**11. Often referred to as processor the \_\_\_** **CPU (central processing unit)\_\_\_\_\_ controls the operation of the computer and performs its data processing functions.**

**12. A common example of system interconnection is by means of a \_\_\_** **system bus\_\_\_\_\_, consisting of a number of conducting wires to which all the other components attach**

**13. The major structural components of the CPU are: control unit, register, CPU interconnection, and \_\_** **ALU (arithmetic and logic unit)\_\_\_\_\_\_\_\_.**

**14. The \_\_\_** **control unit\_\_\_\_\_\_ controls the operation of the CPU and hence the computer.**