EX01\_01 – a) When a program runs on a computer, the part of the computer that carries out the instructions is called the \_\_\_\_\_\_\_central processing unit\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

b) When a program runs on a computer, it is stored in \_\_\_\_\_\_random access memory\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

c) When a program is not running, it is stored

i) on a disk

ii) in level-2 cache (L2)

iii) in main memory

iv) on the Ethernet or wi-fi

d) a bit is

i) a metalic rod inserted into a horses mouth to control it while riding.

ii) a small amount of data.

iii) an alternative term for byte.

iv) an electronic device used in computers.

v) a binary digit, like 0 or 1

e) A byte in memory is identified by a unique number called its \_address\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

f) In modern computer systems, a byte consists of \_\_\_\_\_8\_\_\_\_\_ bits.

g) An operating system

i) is the chief hardware unit in a computer.

ii) is loaded into the computer each time it needs to carry out an operation.

iii) ensures that programs will not run on the computer at the same time.

iv) allocates resources like memory to programs that are running

v) all of the above

h) Application software

i) processes applications for jobs, school admission, etc.

ii) is any software that is runs with the support of the operating system.

iii) was invented by Microsoft.

iv) is applied to the computer for the purpose of running the operating system.

v) none of the above