**Chapters 6 to 8 Student Notes**

1. Which is NOT part of the three basic components a Processor?
   1. I/O Unit
   2. Processing Unit
   3. Control Unit
   4. ALU
2. What is Multi-core processing?
   1. Processors contains more than one ALU
   2. More than one processors in a motherboard
   3. Processors housing virtual CPUs that operates in the same frequency independently
   4. None of the above
3. The L2 Cache could be found
   1. Inside each core on a multi-core processor
   2. Outside each core on a multi-core processor
   3. Outside the core but shared by every core
   4. None of the above
4. When a dust insulates PC parts like a blanket it causes?
   1. Allergy
   2. Viruses
   3. Cooling of the system
   4. Overheat
5. Which RAM is volatile?
   1. DRAM only
   2. SRAM only
   3. Both DRAM and SRAM
   4. Neither DRAM or SRAM
6. How nowadays is DIMM measured in terms of speed?
   1. Frequency
   2. Storage Capacity
   3. CPU Rating
   4. PC Rating
7. Which is NOT true for an SSD?
   1. Has no moving parts
   2. Expensive technology
   3. Use one or more platters/discs
   4. Built using non-volatile flash memory
8. How is a HDD divided into?
   1. Tracks only
   2. Sectors only
   3. Both Tracks and Sectors
   4. Neither Tracks or Sectors
9. After you install a new HDD, what do you do?
   1. Restart and go to OS (e.g. Windows)
   2. Restart and go to Windows Registry
   3. Do nothing because it is automatic
   4. Restart and go to BIOS
10. This will allow you to create more than one virtual Hard Drive to one physical Hard Drive.
    1. Formatting
    2. Partitioning
    3. Sectoring
    4. Virtualization