

# Computer Hardware – Homework Assignment

Please follow below procedures:

- Draw the below diagrams using hand writing,
- Write your name on each diagram.
- Submit the papers in office 313.

## Lecture 1

- 1) The diagram of Combinational Logic
- 2) The diagram of Sequential Logic
- 3) Von-Neumann Computer Architecture Block Diagram.

## Lecture 2

- 4) Block Diagram of Intel 8086 Architecture – BIU
- 5) Block Diagram of Intel 8086 Architecture – EU
- 6) The Address Summing Block in 8086
- 7) 80386 Privilege levels

## Lecture 3

- 8) Block Diagram of DMA
- 9) Block Diagram of I/O Processor

## Lecture 5

- 10) Legacy Motherboard Architecture
- 11) Booting of BIOS and UEFI

## Lecture 6

- 12) RAM Types – Diagram