MALP
Assignment – III
Addressing Mode, Timing Diagram & Interfacing Of 8085

1. Define addressing mode. Explain addressing modes of 8085 microprocessor with one example for each one.
2. Explain looping, counting & indexing with an example.
3. Explain T- state, Machine cycle and Instruction cycle.
4. Draw and explain timing diagram of MVI C, 15 H.
5. What is stack and stack pointer? Explain stack related instruction with the help of example.
6. Explain stack operations in 8085 microprocessor.
7. Explain PUSH and POP instructions with a suitable example.
8. Explain CALL and RET instructions with a suitable example.
9. Compare memory mapped I/O and I/O mapped I/O.
10. Explain the function of IC 8255 with a block diagram.

Note: **Date of Submission – On or Before 10ᵗʰ March, 2017.**