

MICROPROCESSORS

YEAR 3 CSE

ASSIGNMENT 1

1. With a neat diagram, explain the 8085 PIN configuration with examples.
2. With good illustrations, draw and explain the timing diagram(Opcode fetch) of 8085 Microprocessor
3. Write an assembly language program to add two 8 bit hexadecimal numbers stored in the memory
4. With a neat diagram , explain the 8085 internal architecture.
5. Explain how I/O Devices are interfaced in microprocessor 8085
6. Explain the methods of generating delays in 8085 microprocessor and Compute the total delay in each case
7. Interface a 2 KB memory with address range from 3000H to 37FFH in 8085
8. Write to find out the largest numbers in a given set of data.
9. Explain and write a program to arrange array of data in ascending order.
10. Construct a 1KB Memory using 256x4 RAMs