

COA Important Questions

1. What is the purpose of the instruction queue in the 8086 micro-processor?
2. Describe the function of the CBW and CWD instructions in the 8086 micro-processor?
3. Explain string manipulation in an 8086 microprocessor?
4. Compare between Macros and Procedures
5. Describe 8255 PPI-Various modes of operation?
6. Define interrupt vector table in 8086?
7. What are the features of 8086 microprocessor?
8. Explain about Registers of 8086 microprocessor?
9. What are the assembler directives of 8086?
10. Write Assembly Language Program add two 16-bit numbers?
11. Draw neat sketch pin diagram of 8086 with explanation
12. Summarize the addressing modes of 8086?
13. Write an ALP program to add two 32-bit numbers.
14. How to interface a stepper motor with 8086?

COA IMP Topics

Unit-4

1. List features of 8086 processor
2. Register organization of 8086
3. Architecture of 8086
4. Physical address calculation
5. Addressing modes of 8086

Unit-5

1. 8 bit and 16-bit arithmetic programs
2. Assembler directives
3. Procedure and Macros
4. Square of number program

Unit-6

1. pin diagram of 8086
2. Block diagram of 8255