Microprocessor
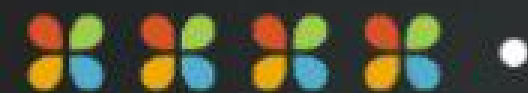
Q1) What is Advantage of Memory banking in 8086 Processor? Justify with example?

Q2) Draw and explain write operation Timing diagram of 8086 in Maximum mode?

Q3) Explain the Interrupt Structure of 8086

Q4) Explain Architecture of 8086?

Q5) Explain Programming Model of 8086?

Q6) Explain Memory Segmentation?

Microprocessor

Q1) Explain Following Instructions?

i) XLAT   ii) DAA   iii) LAHF iv) AAA

Q2) Explain Assembler Directives?

Q3) Addressing Modes of 8086?

Microprocessor

01) Explain Mode 2 of 8255 with block diagram

02) Explain 8257 DMA Controller with Diagram & explain Control Register?

03) Draw and explain Master slave mode of 8259

04) Explain ICW & OCW

05) Explain 8255 PPI block diagram?

Microprocessor

Q1) Explain EFLAG Register of 80386

Q2) Explain the Segment Descriptor of 80386

Q3) Difference b/w Real mode, Virtual mode, protected mode

Q4) Control Register of 80386?

Microprocessor

Q1) Explain branch prediction mechanism of pentium processor?

Q2) Explain Floating Point pipeline of Pentium processor?

Q3) Explain Super scalar

Q4) Explain Data Cache Architecture?

Microprocessor

Q1) Explain pentium 4 net burst micro Architecture and write a note on hyper threading?

Q2) Compare pentium 2, pentium 3 Pentium 4 processor?

Q3) Compare 8086, 80386 Pentium?