

Importance

Breif Topics-5 Marks

- Segmentation
- Interrupts/Structures/IVT(MUST DO)
- Procedure v/s Macro(MUST DO)
- 8253 modes
- 8259 – PIC – ICW's(MUST DO)
- Memory banking 8086
- 8086 – instructions
- Flag register 8086

Detailed Topics-10 Marks

- Minimum mode of 8086(read/write)
- Maximum mode of 8086(read/write)
- Branch prediction logic
- Addressing Modes 8086)
- Design 8086 system(EPROM/RAM)(IMP**)
- 8255 – PPI
- Real + Protected +virtual 8086 modes(80386)
- Mixed language Programming
- Cache Organisation(Pentium)
- 8257 – DMAC
- MESI model(Pentium)

Bonus scoring topics

- 8086 Architecture
- 80386 Architecture
- Pentium Architecture

Do share with your friends and help them :)