

**Computer Interfacing**  
**CSE 407N**  
**Probable Sections (2005)**

**Sec - A**

Chapter 9 (Digital Interfacing) from MI  
Chapter 10 (Analog Interfacing and Industrial Control) from MI  
Computer Bus  
Chapter 14 (Bus Interface) from IM  
Chapter 2 (Peripheral and Computer Connections) from CP  
Chapter 14 (Data Communication and Networks) from MI

**Sec - B**

Chapter 10 (Basic I/O Interface) from IM  
1. 16550 Programmable Communication Interface – IM – 412 – 419  
2. 8254 Programmable Timer Controller - IM – 402 – 408  
8259A Programmable Interrupt Controller  
DMA Controller  
Chapter 5 (Disc and Tape Storage) from MI  
Others  
1. Barcode – CL + SG  
2. Touch Screen – CL + SG  
3. USB – SG

**Reference Books:**

1. Microprocessors and Interfacing – Second Edition ----- MI  
-by Douglas V. Hall
2. Computer Peripherals – Third Edition ----- CP  
-by Barry M Cook and Neil H White
3. The Intel Microprocessors 8086/8088, 80186/80188 ..... Pentium and  
Pentium Pro Processor – Fourth Edition – by Barry B. Brey ----- IM
4. Class Lectures ----- CL
5. Sheet Given ----- SG

**Course Teacher**

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