



Sheet 7

1. Explain briefly the function of the following signals of 8086
 - a. TEST
 - b. READY
 - c. DT/R
 - d. BHE
 - e. INTR
 - f. HLDA
2. For an 8086, draw a method of generating the read and write signals for memory and I/O under the isolated IO paradigm. Draw the circuit and specify the signals.
3. Design decoder address that locates three block of memory
 - a. 00 0000 → 7F FFFF
 - b. A0 8000 → A0 8FFF
 - c. F0 0000 → FF FFFF
4. What is the difference between Full address decoding and partial address decoding putting emphasis on the mirroring effect?