Suggestive topic for microprocemors. 1. 8051 -> , block diagram ; features, 3) function of A, B, FSW, DPTR, Fron, Scon, Tron 3) explain the following signal - EA PSEN 4) what is SFR, explain it. 5) draw the internal state RAM (opy) \*6> Explain memony organization of 80 51 (pg -30 fig-2.8A) \* \* 7) adds explain the addressing modes of 8051, with example \* 8> pexplain the function of following instruction. V>> DONZ vectors inhamopt and their address. 9) explain the total no, of 2.8086 - 1st chap I. what is segmentation ushy isit required. 12. Describe papelining, with wichitechtone of 8086 diagram I and explanation of Biu, and Eu 3. physical address calculation. 4) function of PSW [flag], 5) Discuss the functions of following signals,
-> RESET, LOCK, RB/CT, TEST, 6) Memory Banking? explain with diagram. 7) Difference - j 8086 2 8088 ii) 8086 8085 (em imp.) iii) min mode, max mode. (lamings) 8, short note -> is 8288 bus controllers Cupperpart - fig 115/19 i)8284 clock generator ( " or Read and write cycle of min and max. mode. (timing

\* 1) Describe the addressing modes of 8086 of with example. \* 27 Describe the following instruction \_ XLAT, AAA, LOOP, TEST 3) programe of movs, pg-67 1 cmps, pg-68 ASCAS, " @ Chap 3 -> program -> copy - 3.1, 8.2, 3.5, 3.6, 3.7 1 chapy - explain the intermept cycle of 8086 - short note IVT -) Delay program - 4.5, pg-153 6 Chap 5 -> Memony intenfercing -> copy program problems, program -5.1, - Differenciale - 7/0 mapped 7/0, memory maped 7/0. problem - 5.6, 5.9, 5.8, 5.9. 8255 ) all program from 8522. 8255\_ problem - & 5.10, 5.11, 5.13, stepper motor 1step- 200 step. \* > Describe the Handshake signal of 8255 for its and mode 1. 8251 -> block Diagram. -> mode instruction a command instruction control word format. -> asynchronus and synchronus Data length. problem - (no. -> 6.6 \$259 - Jew & Ocw format, with example. -> 6.3 > Internupt sequence of 8259. > explain the mode -> cascade [with fig.], FNM (fully nested), Automatic noter specific notation