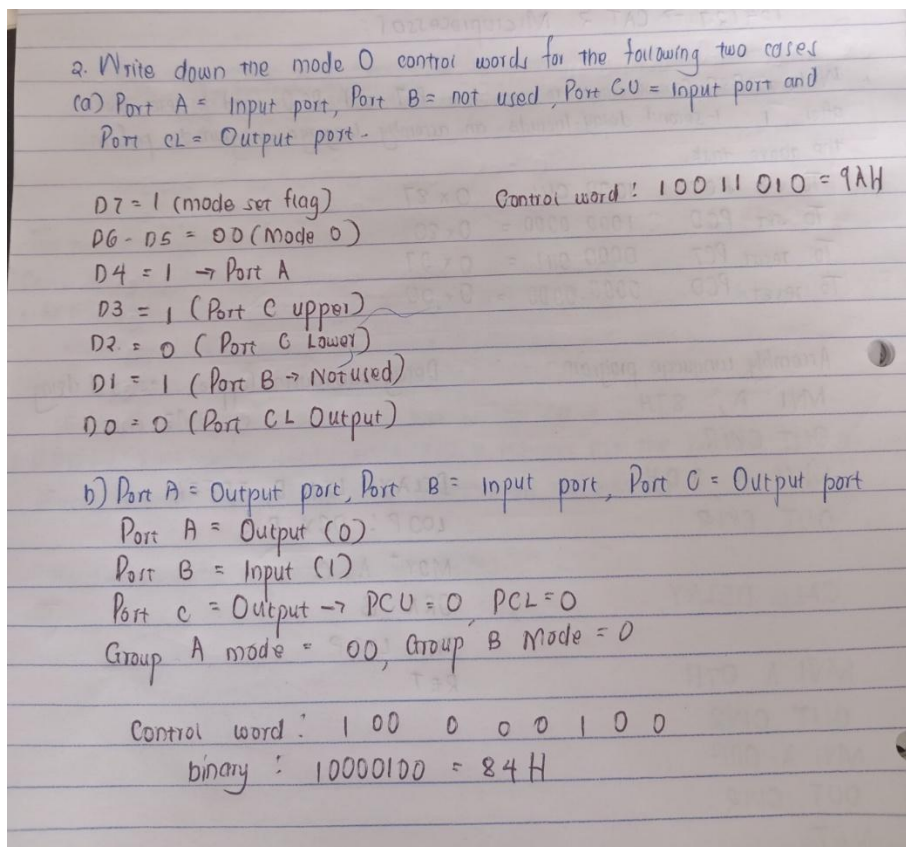


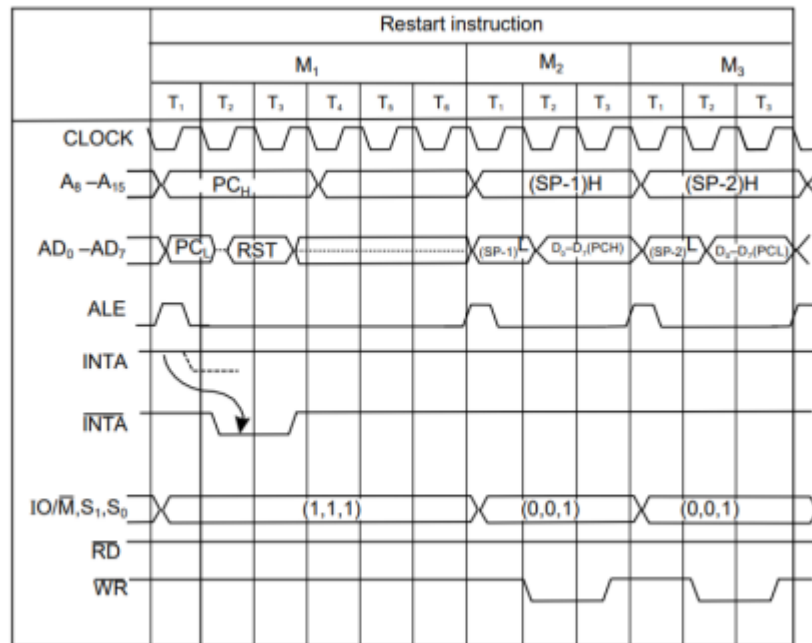
Question 1



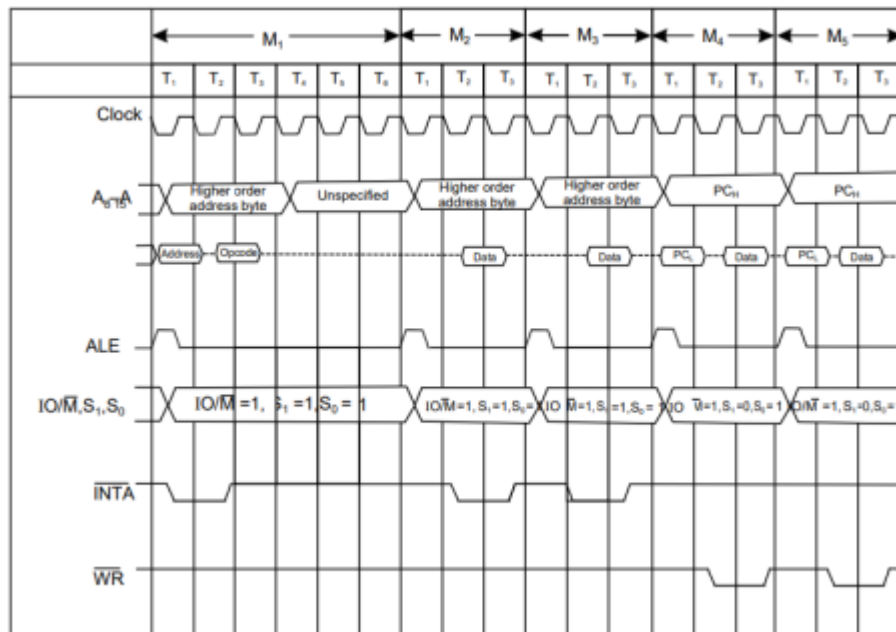
Question 2

3. Draw the Interrupt Acknowledge cycles for

(a) RST instruc on



(b) CALL instruc o



Question Number 4

5. Show how the MEMR and MEMW are derived from IO/M, RD and WR signals of PP 8085

$$\text{MEMR} = \text{IO}/\text{M} = 0 \text{ and } \text{RD} = 0$$

$$\text{MEMW} = \text{IO}/\text{M} = 0 \text{ and } \text{WR} = 0$$

IO/M	RD	WR	MEMR	MEMW
0	1	0	0	1
0	0	1	1	0
10	1	0	1	1
1	0	1	1	1

Question 5. Design a memory having size $16\text{k} \times 8$ from $4\text{k} \times 4$ memory modules

