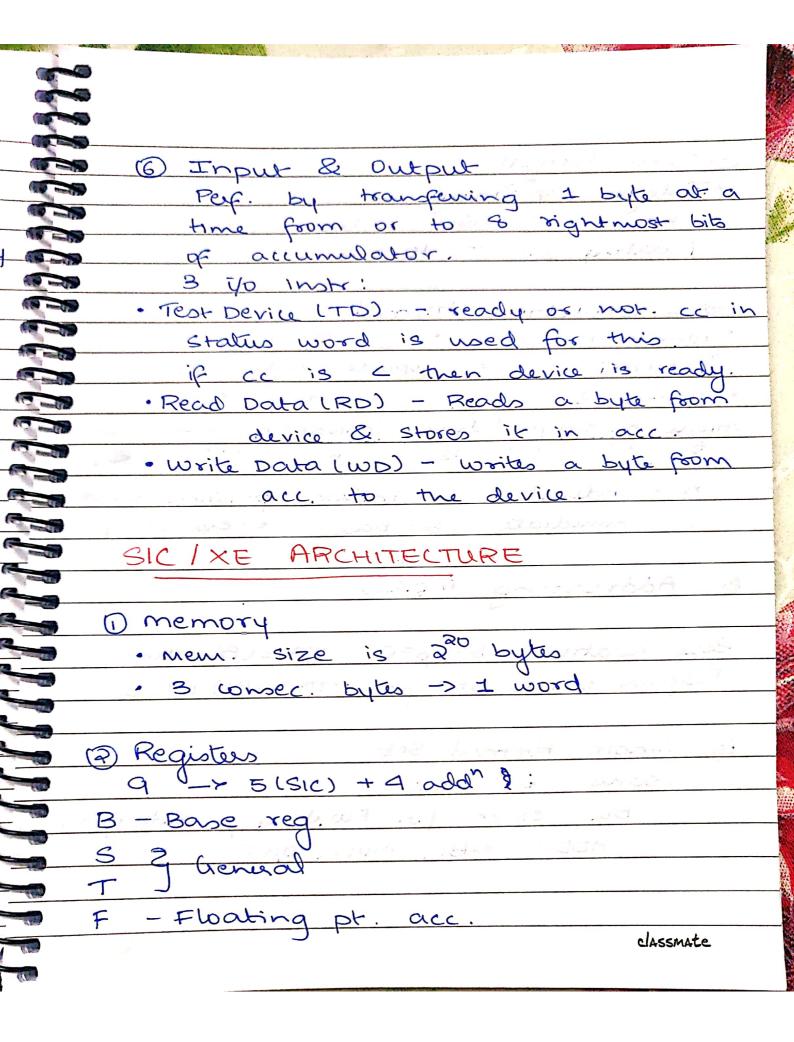
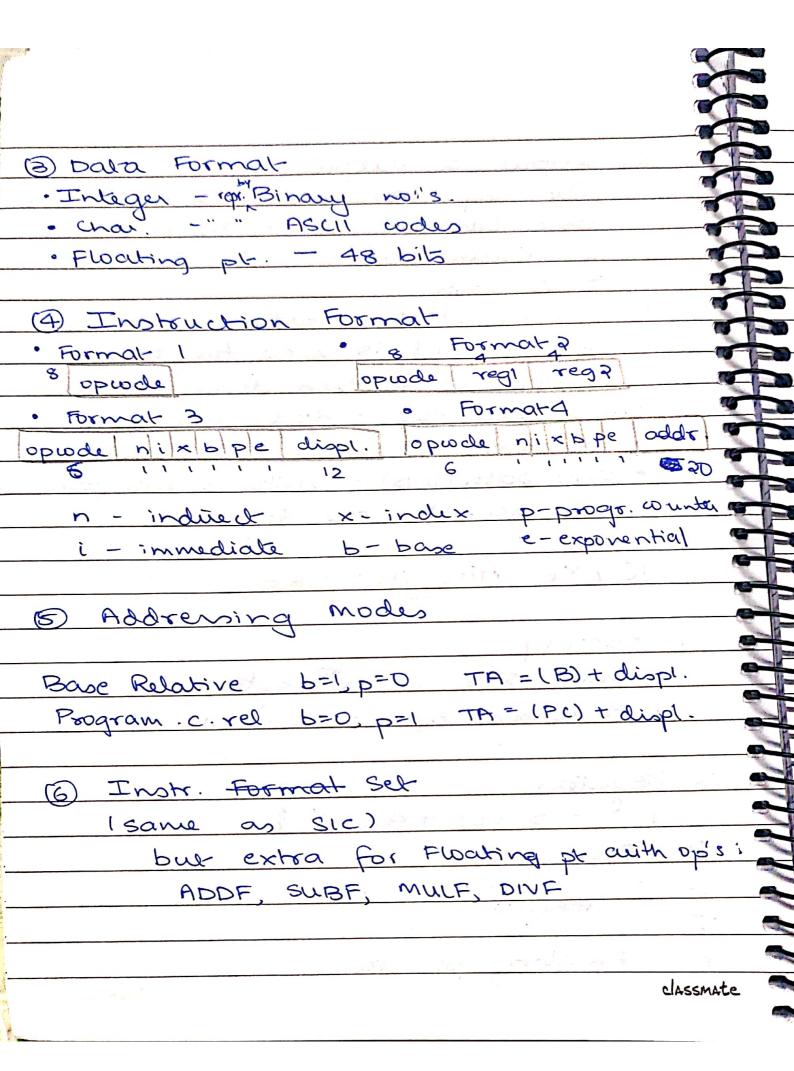
the state of the s
SIC ARCHITECTURE
70 TOTAL (NO 18 18 18 18 18 18 18 18 18 18 18 18 18
1) memory
· But addressable
· There are 25 bytes in mem.
There are 215 bytes in nem. 3 consec. bytes = 1 word (24 bits)
(2) Registers
Pregisters 5 Fach has a reg. number.
Pregisters 5. Each has a reg. number. A- Arrunulator - \$0- modhem. operations
H- Accumulator - addressing
H- Accumulator - addressing
A- Accumulator - 1860
X-Index-21-addressing 1-linkage-2-stores the return addr

e e e e e e e e e e e e e e e e e e e	1
	T
	T
PC - Program Counter - 8 - addr. of the	4
next inste.	4
SW-Status word - 9 - contains a variety	4
SW-Status Work printo	Y
mode state id cc mask x 100de	M
mode state in a room	4
	-
3 Data Format	
· Integers - 24 bit	
· -ve nois - ais complement	
· chai ASCII value (8 bit)	-
· No floating pt representation.	-
	-
4 Instruction Format	
opude X Address	
8 1 15	
x = 0, direct addr. mode	
x = 1, indexed "	
$\chi = 1$, where $\chi = 1$	Section 1
	No.
(5) Insk. Set Inst STCH	
· Load & Store - LDA, STA, LDCH, STCH	
· comparison - comp. w/ accum. comp data	
· Arithmetic - ADD, SUB, DIV	3
· Jump wond JLT, JEQ	
· Subsoutine linkage - JSUB.	
classmate	-
	7





Divp & Typ

Ixe Pulses yo channels that allow

to perform 1/0 operations while

CPU is executing other tasks.

• Allows overlapping of computing

& I/O.

SIO - Start op. I/O channels

HIO - Hall- op.