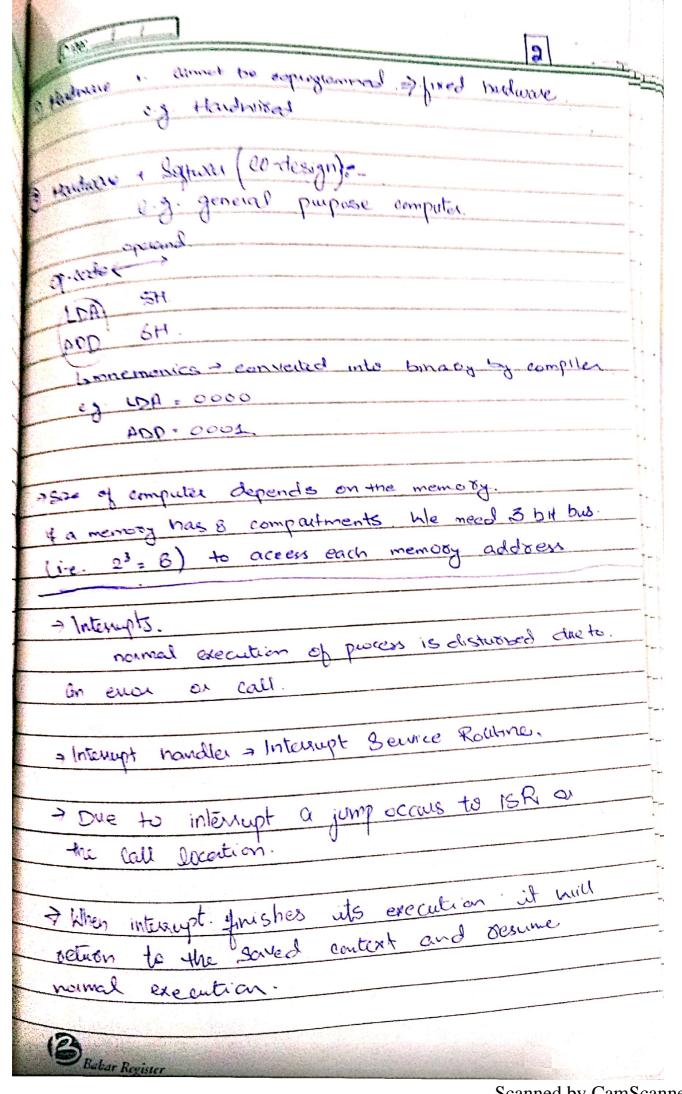
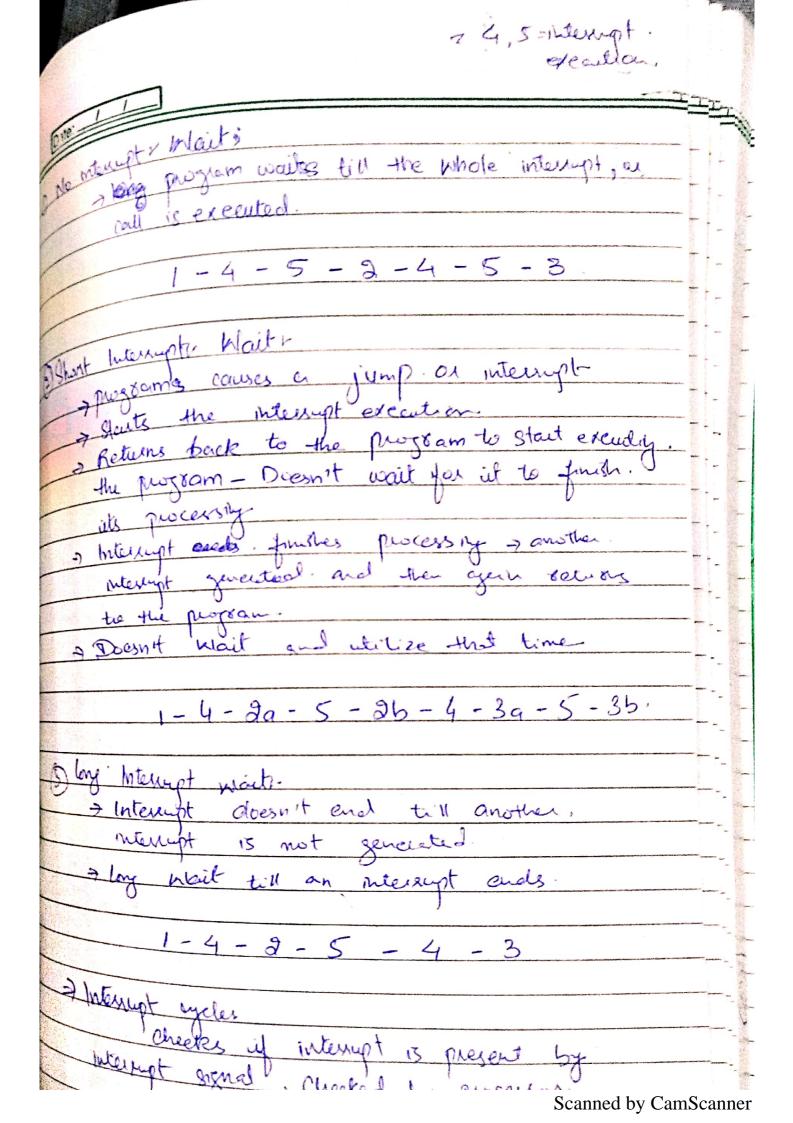
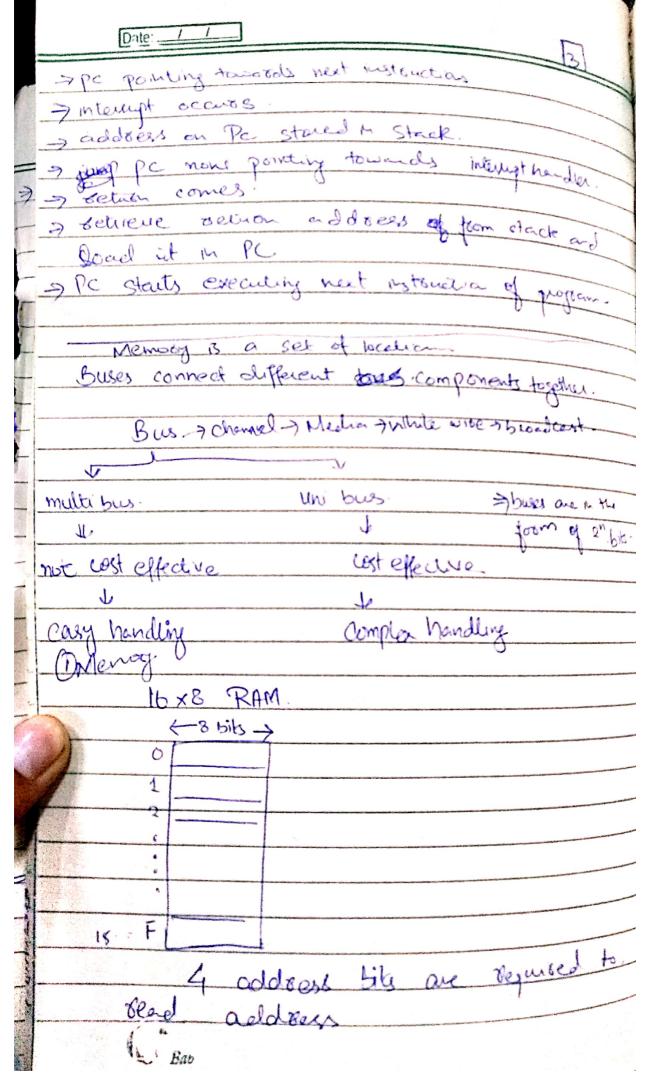
COMPUTER ORGANIZATION & ARCHITECTURE
OMITOTED CROPHING OF THE PROPERTY OF THE PROPE
Stouctube > components > CPU > Registers ALU , sequences CU > Contral ROM TO
Stouctable Lontock ROM -
I/O generates control mood
Memory. Memory. 9, 12 bits
- Interconnection
Function > now these components. Function > now their functions.
Function > now these functions.
The second of th
Computer Acchitectuse and Organization
Computer 4.
Stouctube. Function forment for Proposing.
7 Comparer · aco
Lygrooge.
Lygracy
Evanglei-
tos marajas
, deciding either to use most peoblem it is light
addition unit is are multiplicate addition unit is are unit will perform multiplicate) deciding how the unit will perform multiplicate) is organization problem.
is organization problem.
Storage
write. sead.
address address.
+
data.
Control: Controls the operations of the system.
Control: Combools the operation

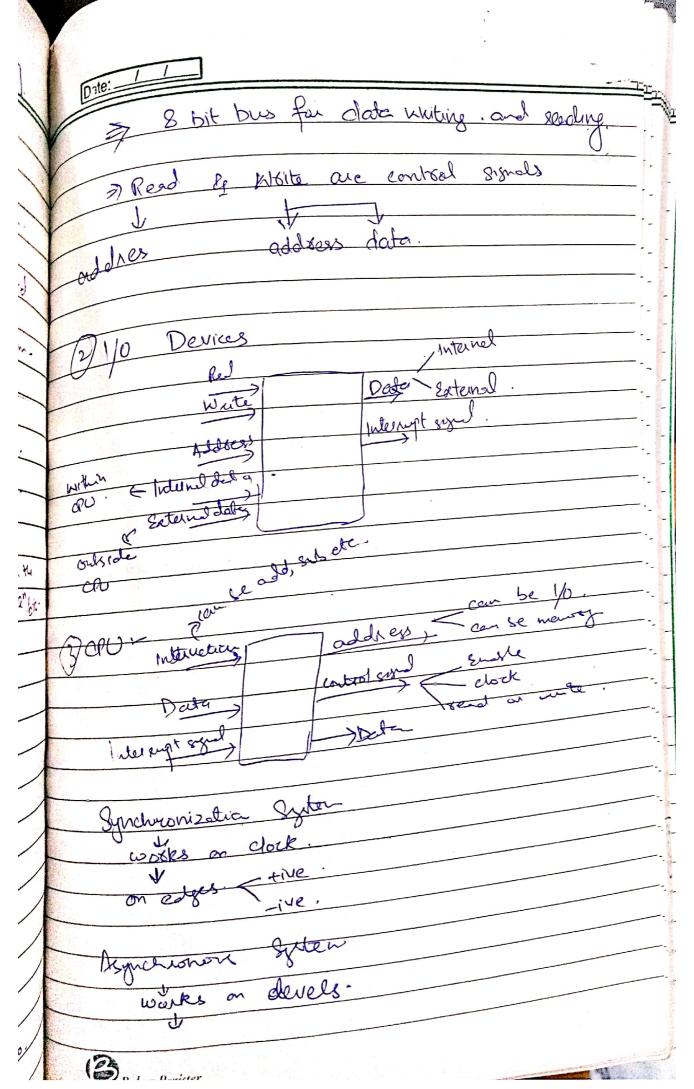
Date:
Control Unit :- Controls the signal.
Concrete the 12 bit code
Computer > CPU -> CU -> Sequence
or Control wempy.
Control went septers as decolor
All o Proposition
Multiplex Busi Signal (Control signal) 13.
generated to tell wether the
bus will act as address,
data or control bus.
1+ R - 10 1
It is cheap but complex
Moores' law was valid till a limit but now
not more ble it causes the doubles to head up et
-Thus multicare idea was implemented.
In Multiprocessing / processing greguency of clock
Cycle determines how efficient it is.
Qmalla.
and here clock cycle, faster is the processing.
and best is the processor.



Date://	
Stack: Last IN Frost and (UFO	
	10
nexted (-)	memory
I S FFE 10	Increase
Strick pointer	N.
(Pop:-)	
Sp = Sp+1.	
\rightarrow	
Sp. Sp.	
Pusha	
SP = 3P -1.	
Sp> 30 SFFFH	
20 SFFFH 20 6000 H,	
Interregate.	
overflow Timer 1/0 hard	voie failure
1 - 7 0	







Date:/
Status of CPU copped
Carry flag > carry occurs in ALU .71517 extoa
Paray flg >
Sign flag 7 sign of AW Dr communication
Zero flag
Asynchronous needs to be handled rarefully but is less expensive (energy).
Is signals send at the same time are destroyed.
Abstation is necessary Towards teafic
no collition of data.
drudes the date
cent oul distributed
representation of number.
Signed wesigned.

Scanned by CamScanner

