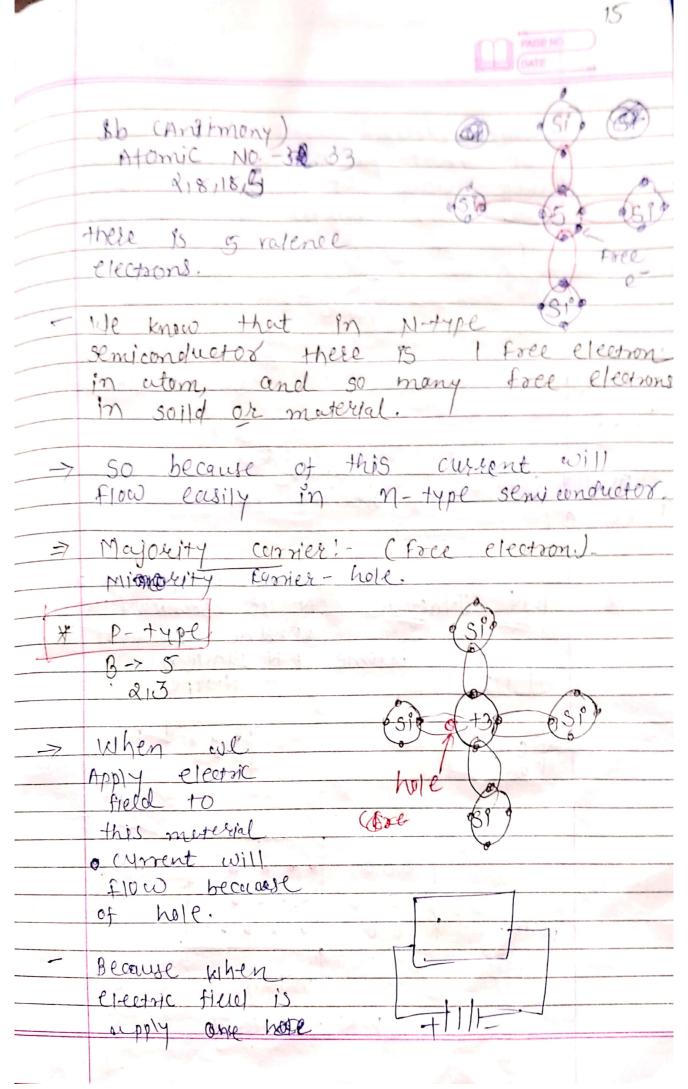
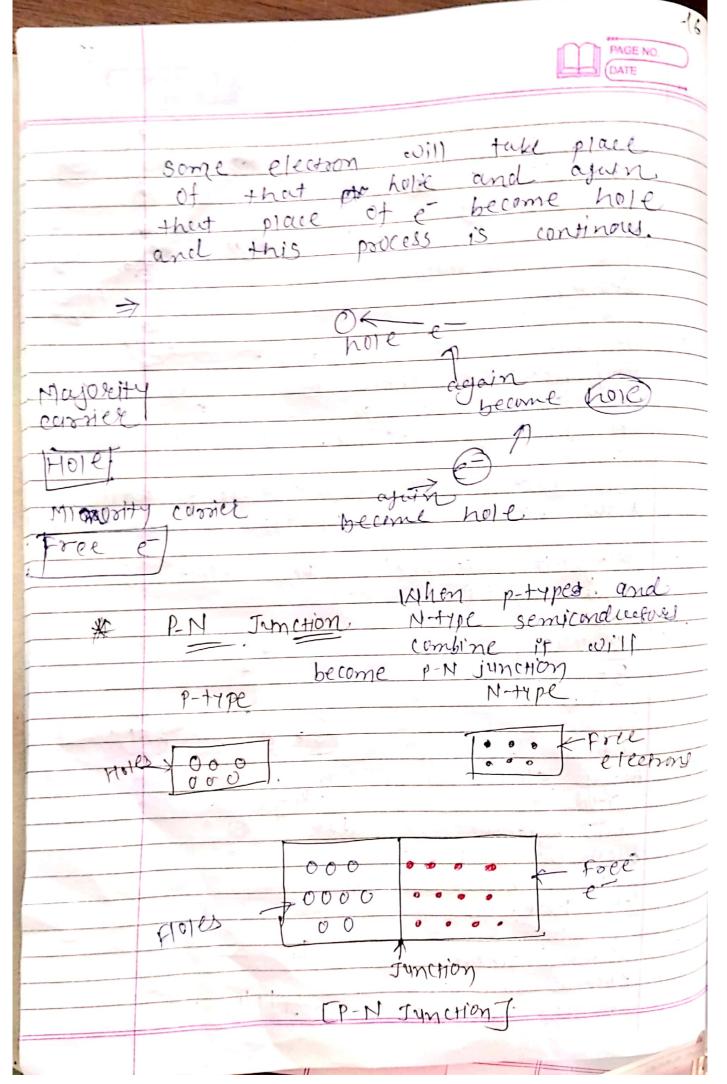
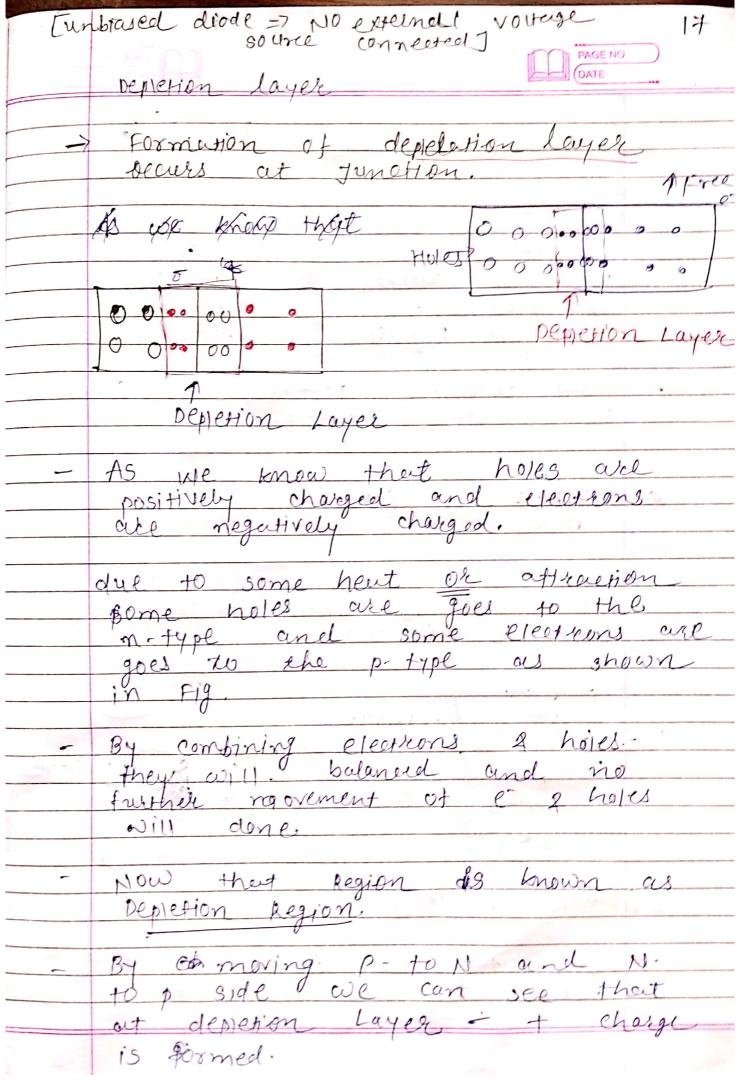
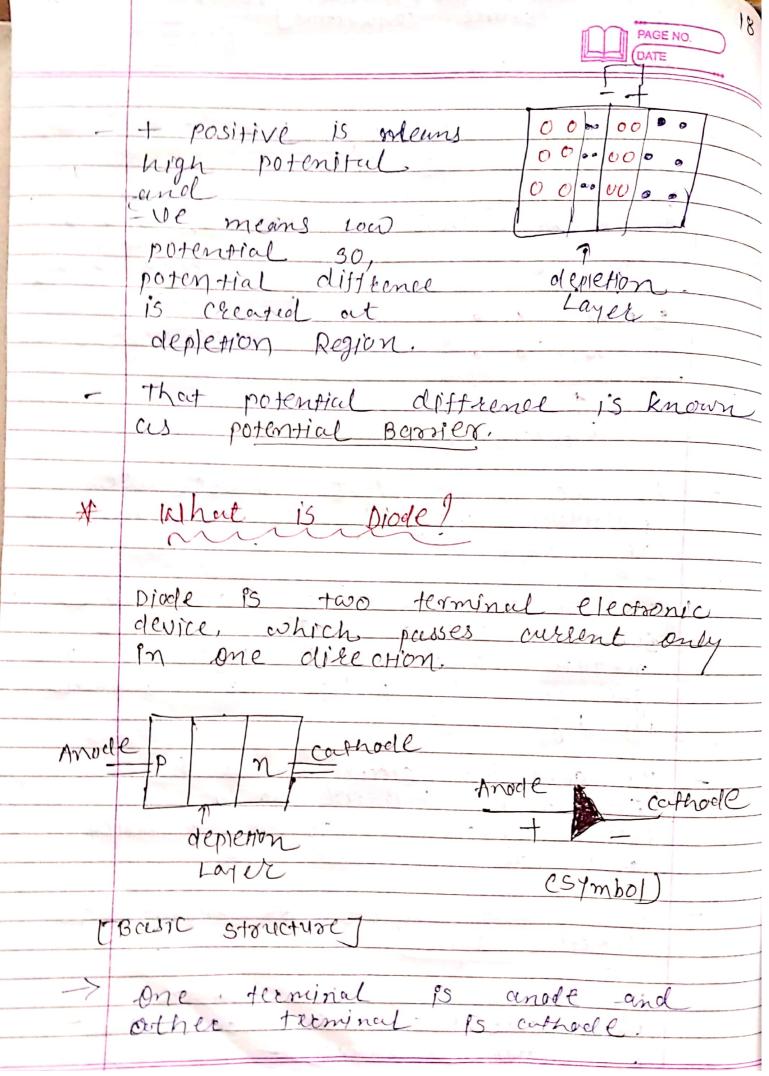
		and the state of t
	Types of semic	onductor.
	Intrinsic	Extransic
Jahar	semi condy ctor	semiconductor.
_	Pyoe semiconductor	When some
	(Free From imputities)	improphes one added
	el. si, ge	become exteinsio
_	Less conductivity	semi conductor
	· dul	Dentervalent - P- type Pentervalent_N-type

	conductivity For extrinsic conductor
	15 Very good as compare to intrinsic
	Semiconductor
10	
*	Electric conduction in Intrinsic semi-
	Conclustok
	0910
	Silicon => Atomic No14
	218,4
	asi esi e
	cordent bond.
	a(Si) a(Si)
	a(S1) 6 , a)(S1) 6 (Si) 6
	0 0
	When so many citoms meet togethere It will make some solid or comported.
	- Winder Bulle
	Electrons are shared here and
	make co-valent bond.
	Current Will flow when there Is some free e in compound
_	At Normal (Zero) temperature
	electrons de Hiedr Shaked.
	means there is strong co-valent
	bond betweent them.









77	PAGE NO. (DATE
	currond flows from unode to
15.10	
Note	It has high resistance at one disection and low resistance
	at other direction.
	5-10 A 40 A
户	Low resistance at discotion of
	selicterie or current and high
	flow of current and high sessite discordin of focus of current.
	The state of the s
X	P-N Junction Prode'-
	vo lo vo lo cathode
	00 00 00
	anode wol-
	Layer
	Layet
7	pyring formation of depletion Layer some free e travels, so few amount of everent will flow
	Layer Some tree e Travels, so
	there and after equilibrium
	there and after equilibrium state no avorent will flow.
	TOOW TO' Fine Flow of Mosent
	we have to connect buttery to
	the p-N jynction divde.



-	PAGE NO. (DATE
X	How current will flow in
	12-N Junetion divole, whent is
	porward pererse brasings
V. J.	PO N
	neet positive
tum	noil of
butt	ery to the
P-t	rpe and
-Ve	terminal of
b uffe	of connection & or bicumy is
kn	own as Forward Bicesing.
_	kehen we
	erminal of
	uffery to the
	p-type and the
	terminal of
	pagragion al
	Reverse biasing.
>	TONG COC
	the state of the s
	Like The Total Control of the Contro
1	