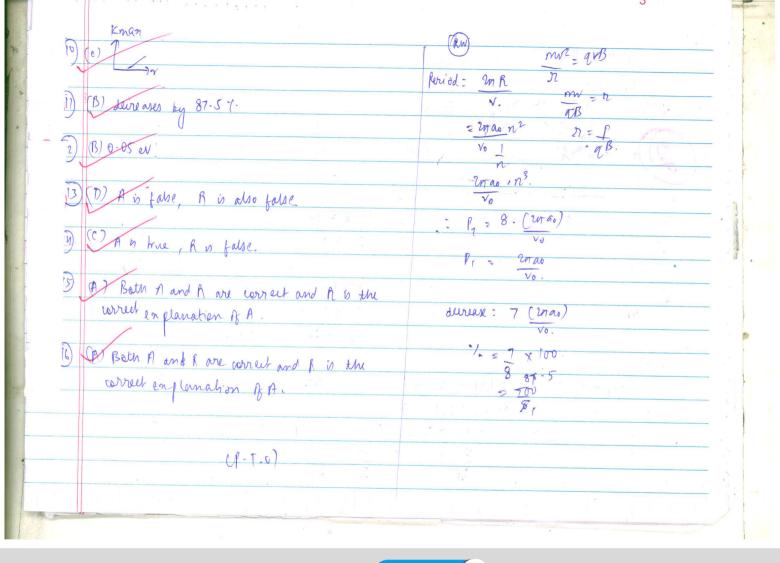
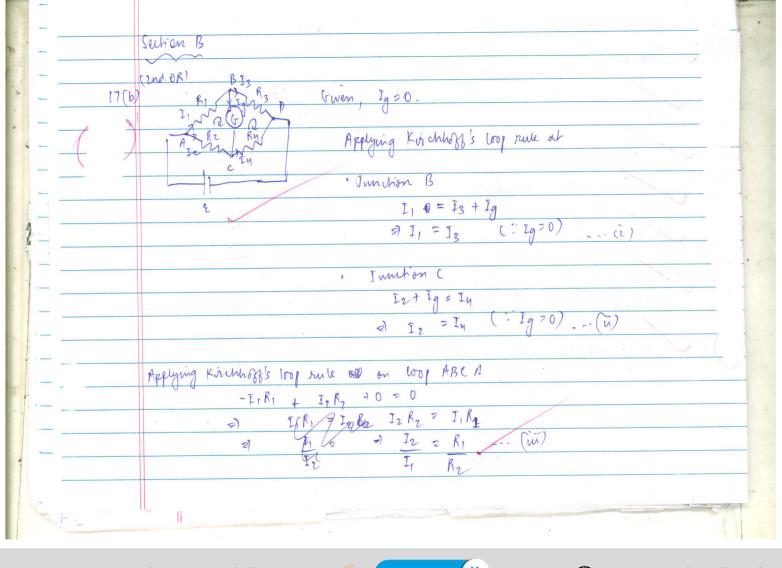


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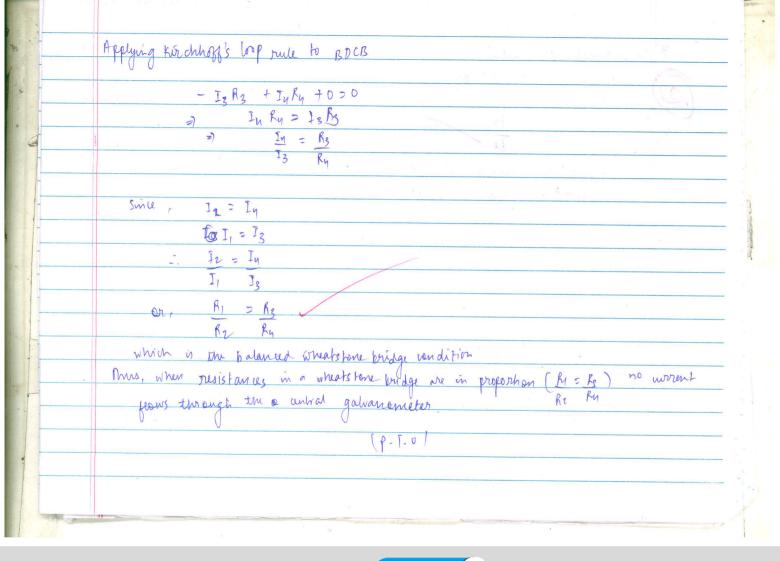






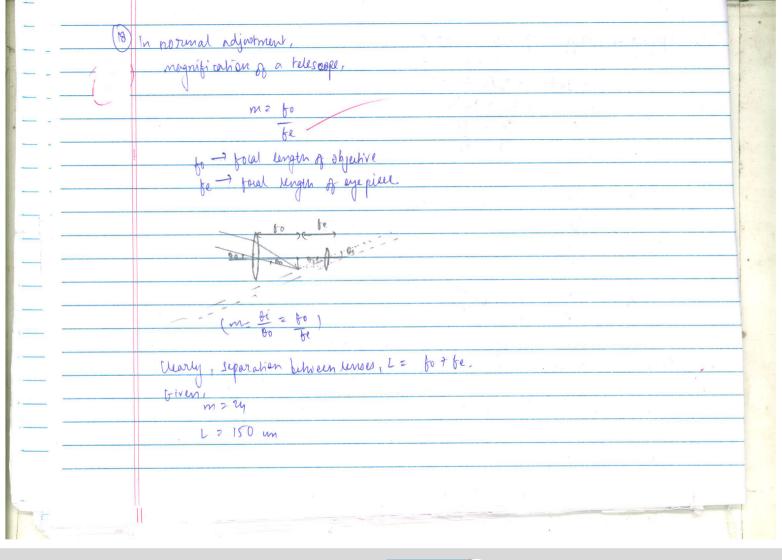


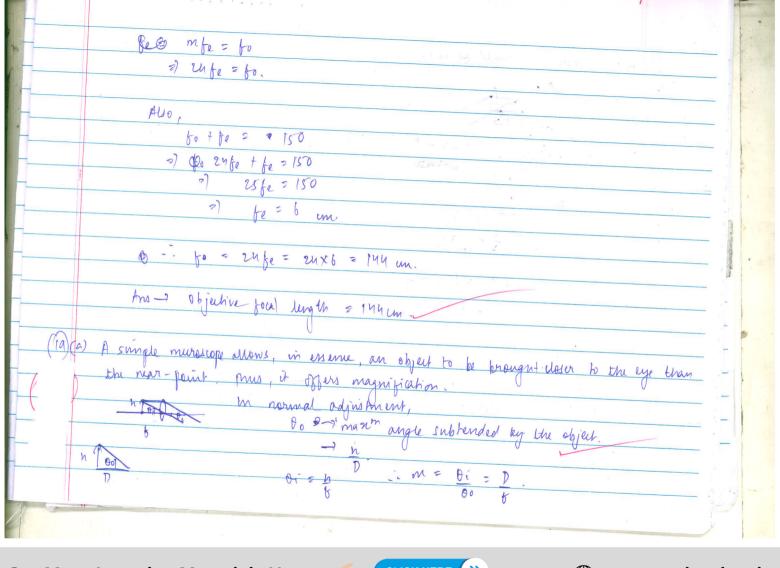




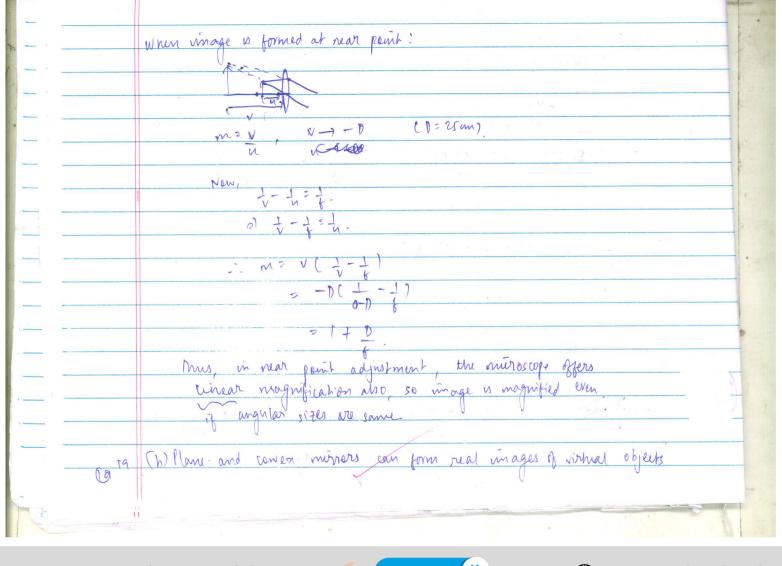


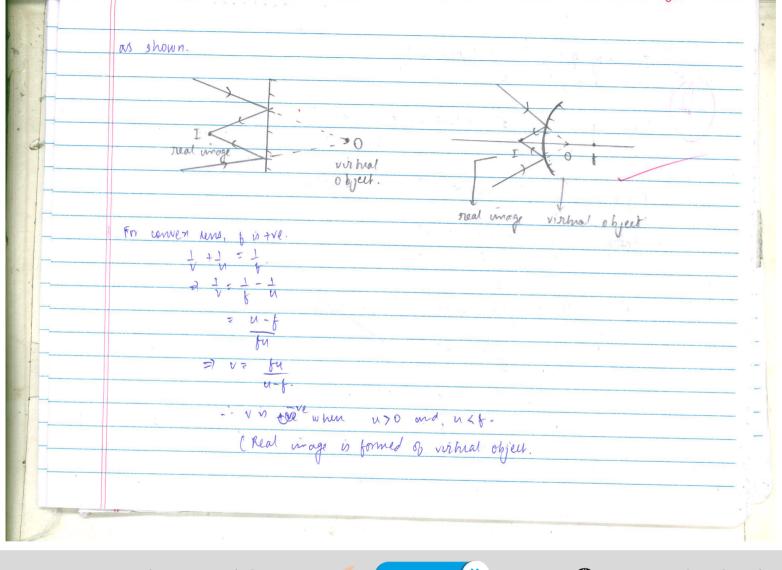






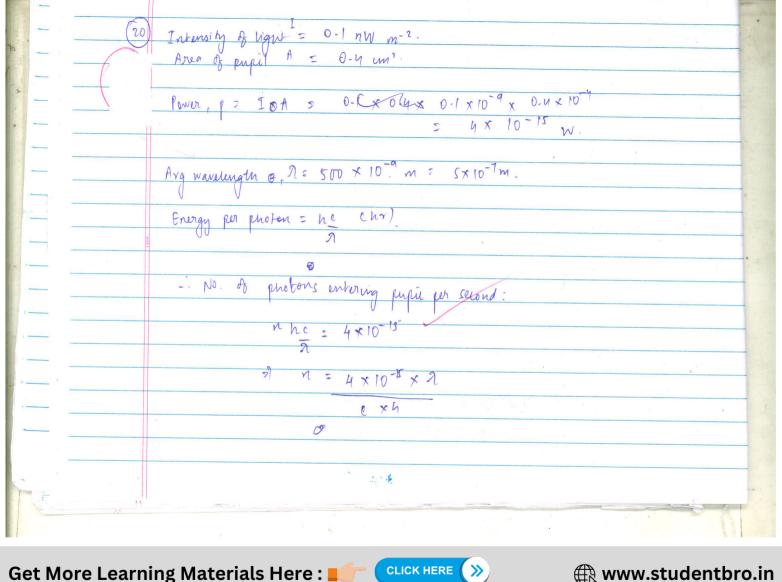






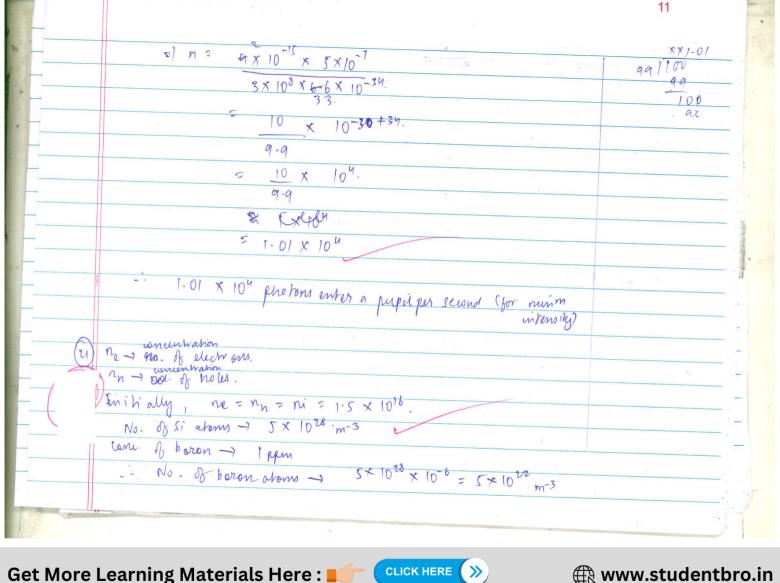






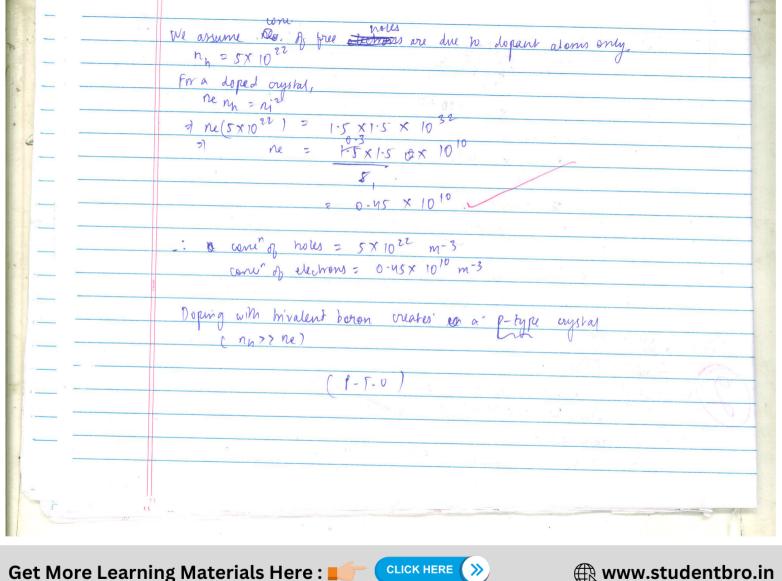






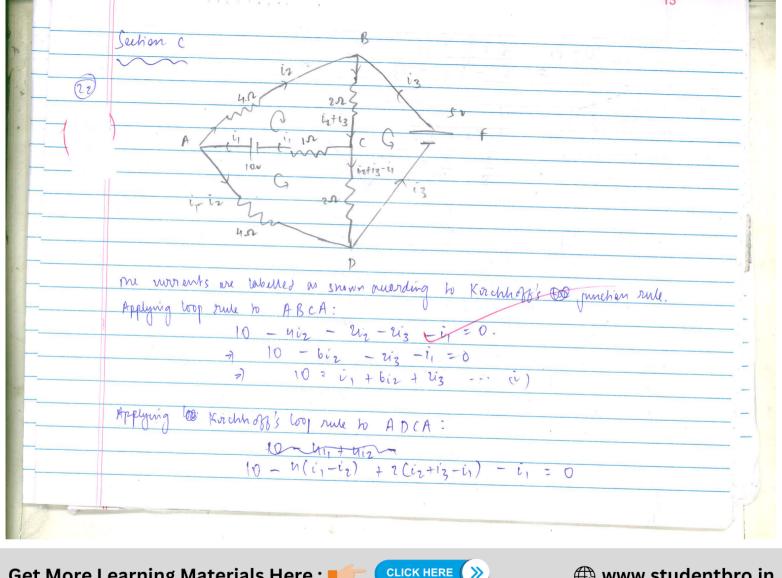






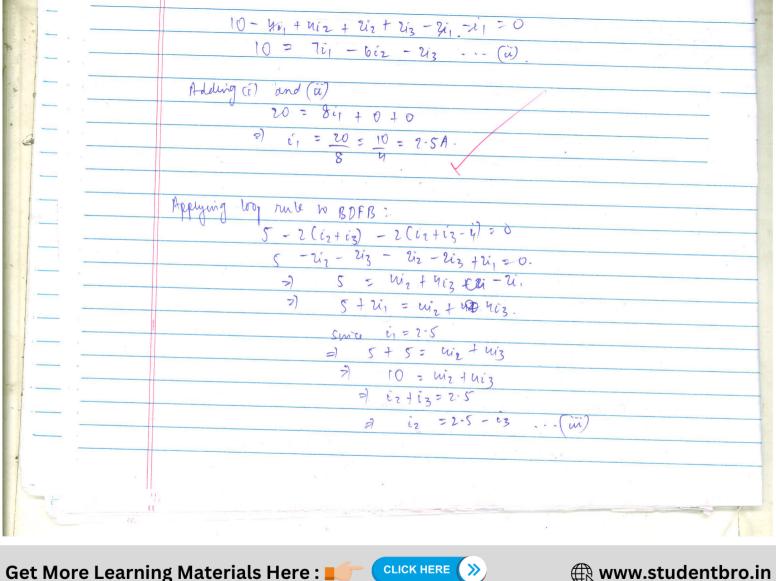






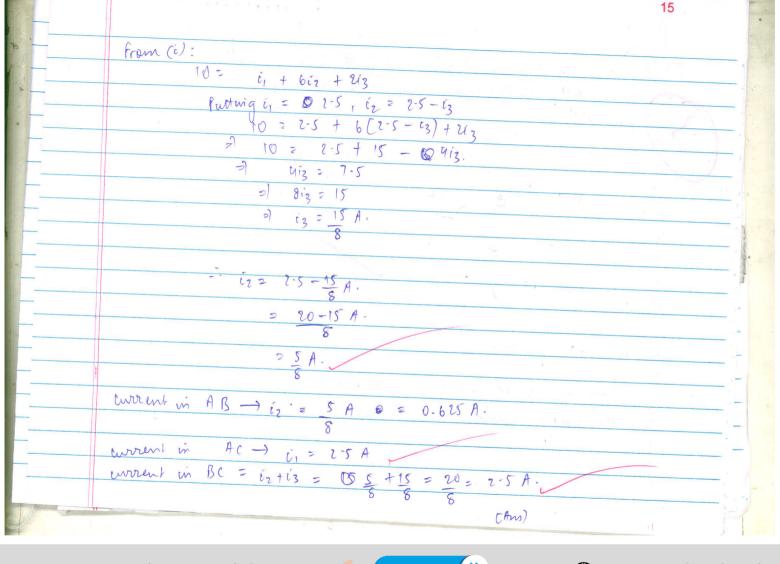






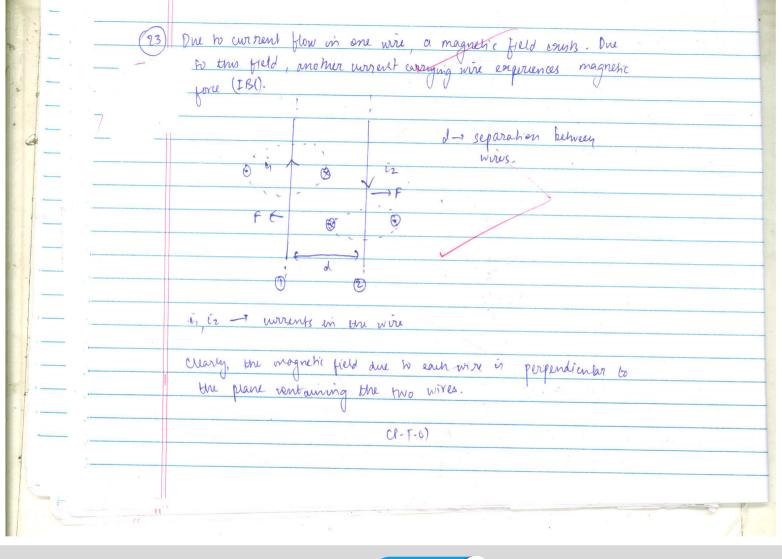




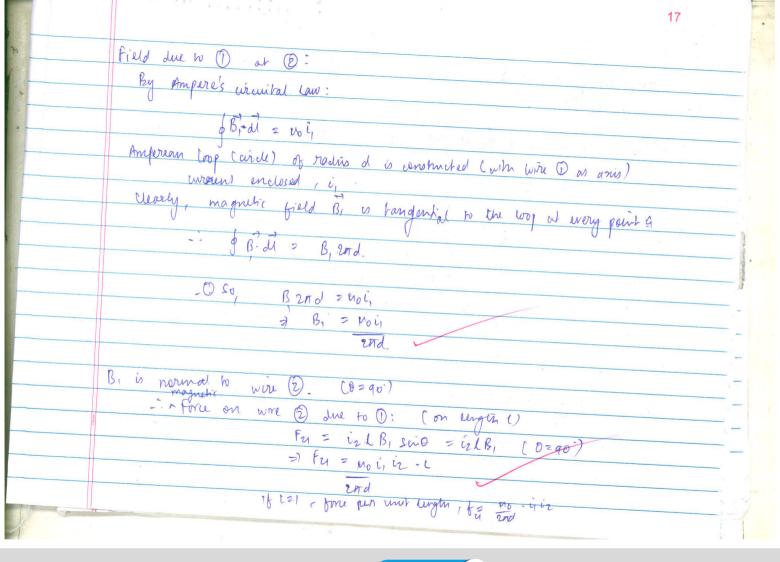
















By tron-product rule, the force on word (2) is AWAY from Fore on lingth l of 0:

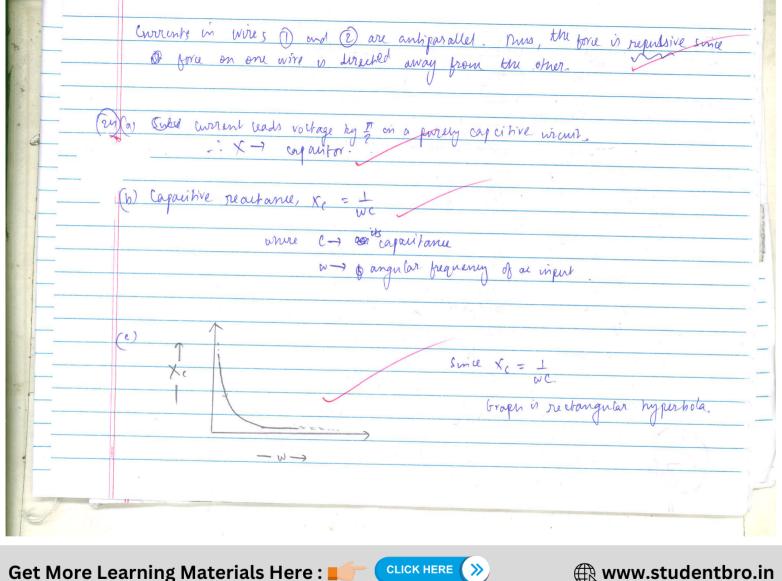
2 in l b 2 sin 0 &

2 in l b 2 con 0 = 200)

2 in longth, This force is directed away from line 3. **CLICK HERE**

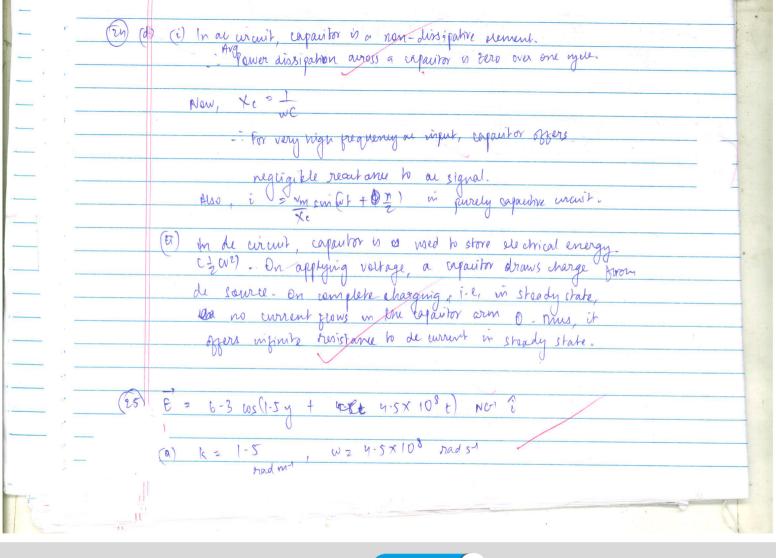




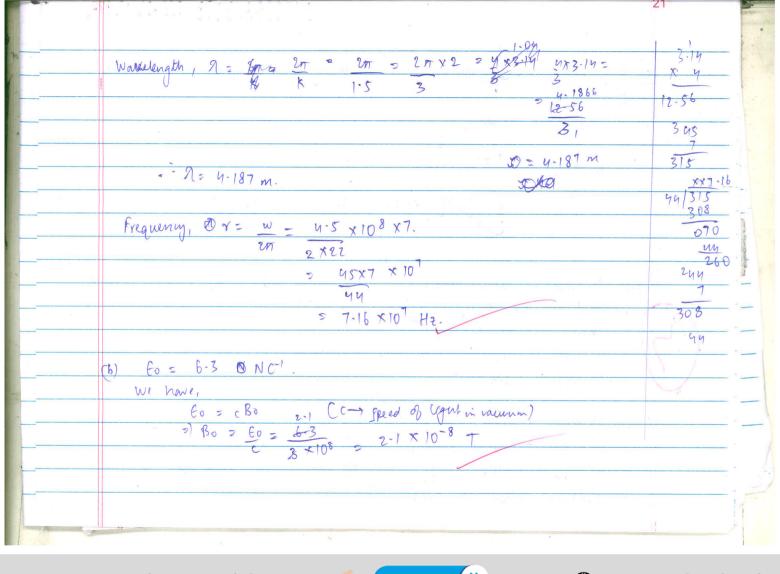




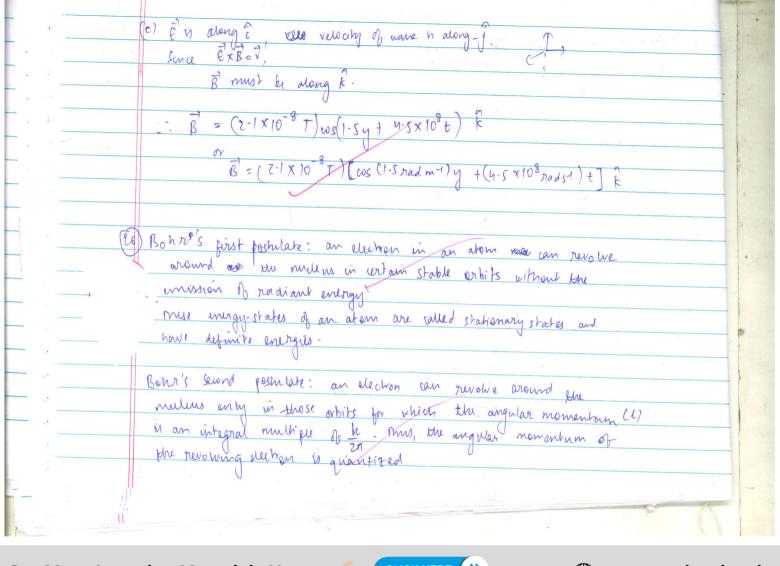






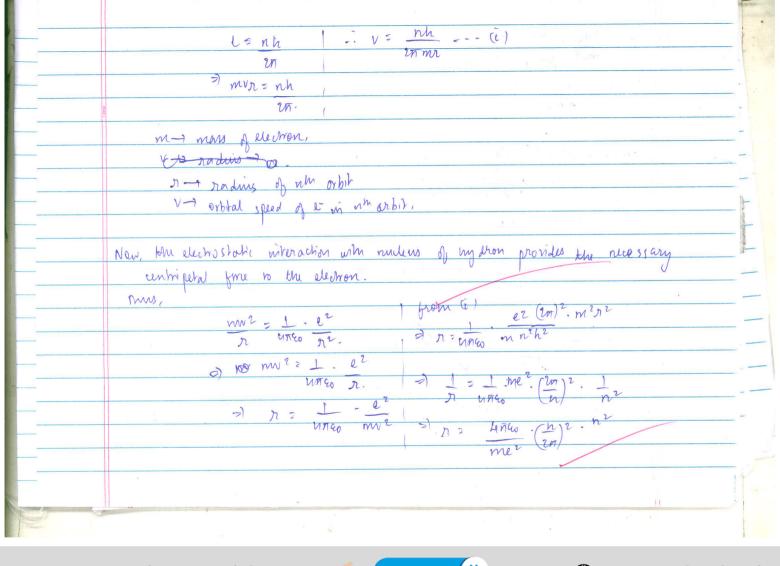






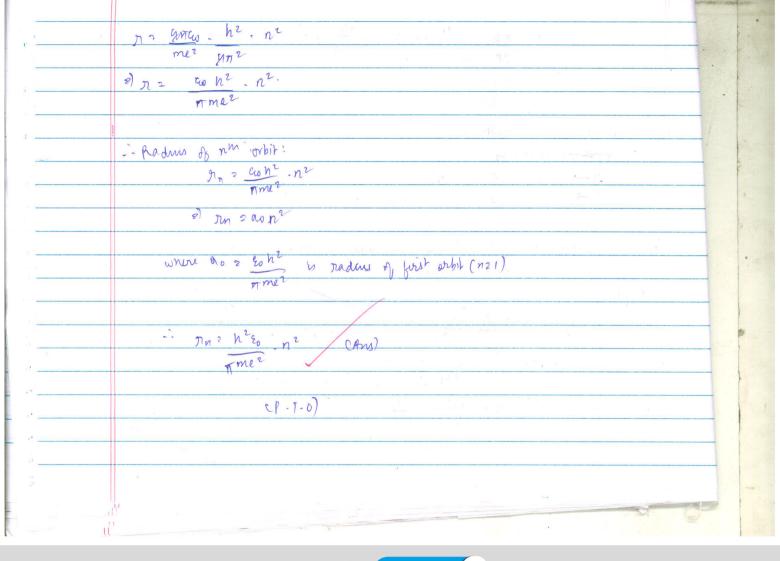


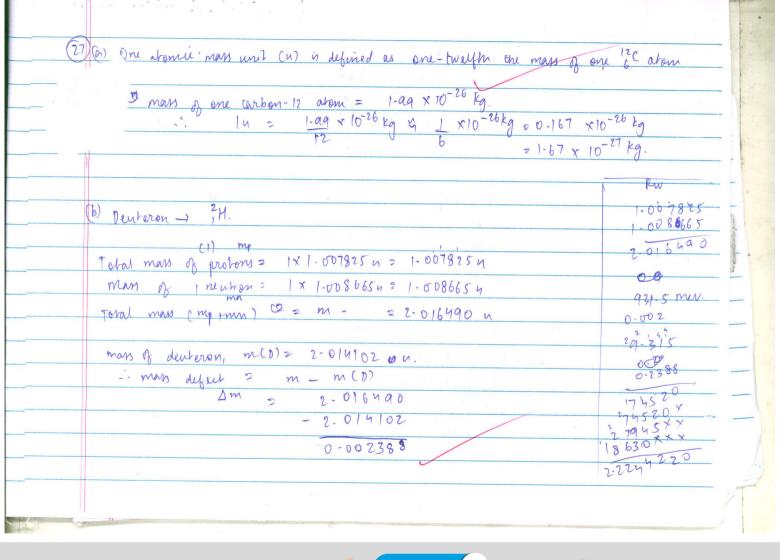
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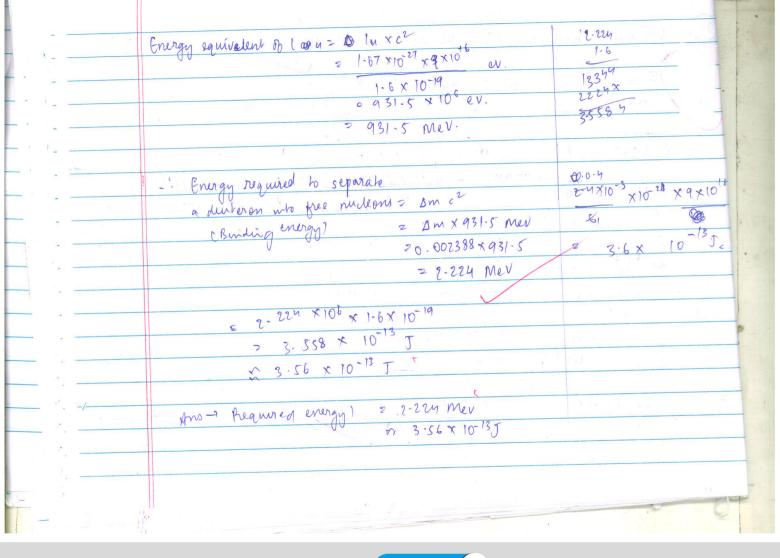


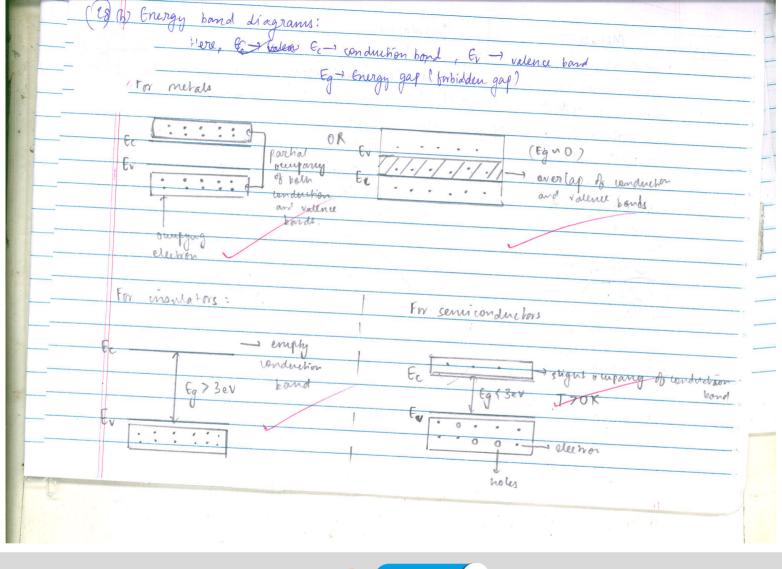
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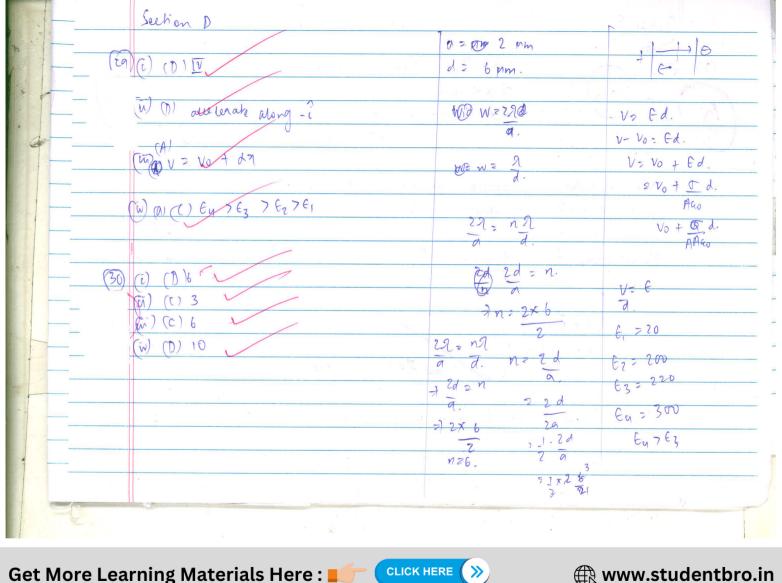




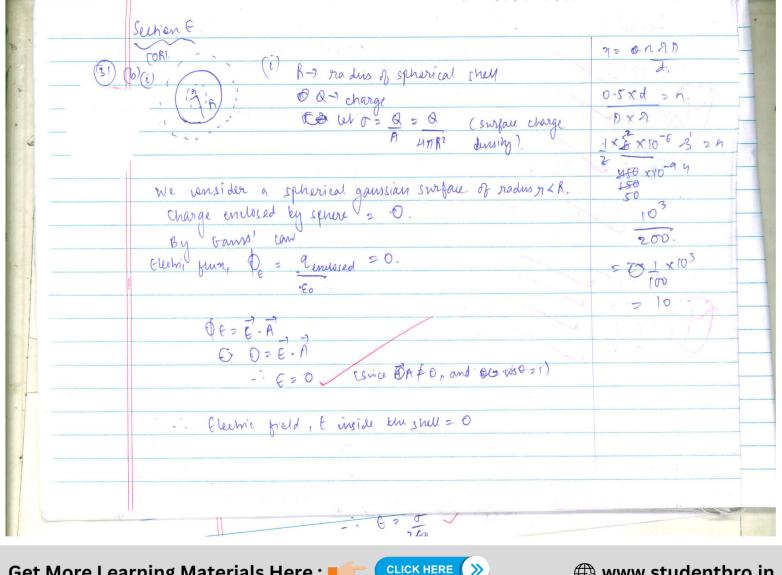
	Metals	Insulators	Semiconductors,
	· Gither both randuction and	· Here, bond gap Eg > 3eV.	· Band gap, fg (SeV .
	valence bonds are partially	Elebrons cannot be hormally	At adequate temperatures
· 1. ———	John Bords at books	encited from ralence band	elubrous enuite to conduction
	filled or landnotion	to conduction band by	bond, leaving varancies
-	and valence bands overlap	· · · · · · · · · · · · · · · · · · ·	in the volence band
	so that bond gay, Eg= 0	raising temperature.	. At OK, semiconductors
4 4 4	· merals are mus good	· No stephons in conduction	are insulators since
	conductors of elemicity,	band, hence these do	Conduction band
1-	with partial ourgaining	not conduct.	is emply.
	of conduction hand at ok	. High resishing low conductivity.	At OT>OB, there
-	when Eg v O.	Eg air	
	Alba		conduct him to flow of
	- LOW resighting, high		electrom in randnotion
	andnehving.		band and holes of in
	Go		valence bond
- A	tg. copper.		· Intermediate resistivity
· .			between metals and
N	*		crishlators.
·			Eg, silicon.
			10











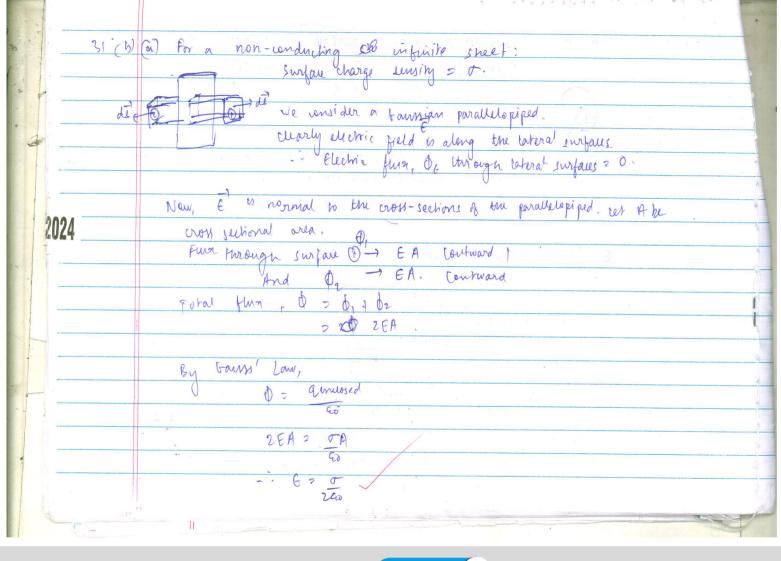






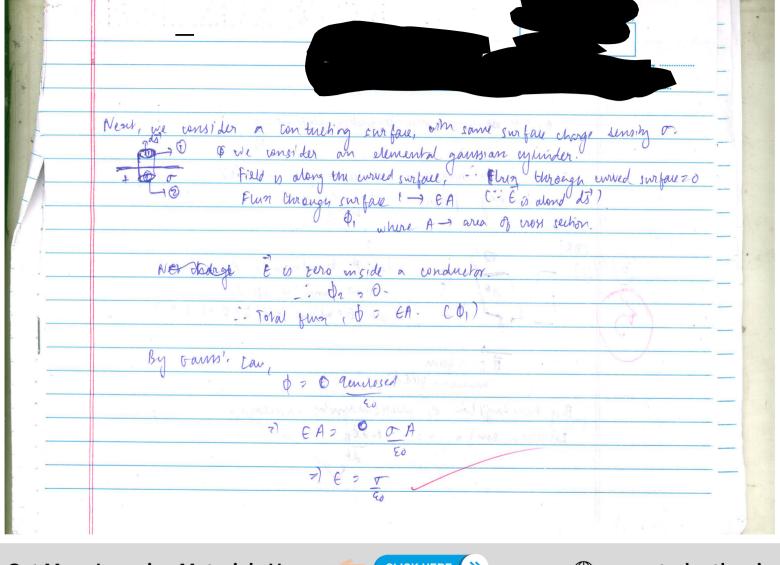


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