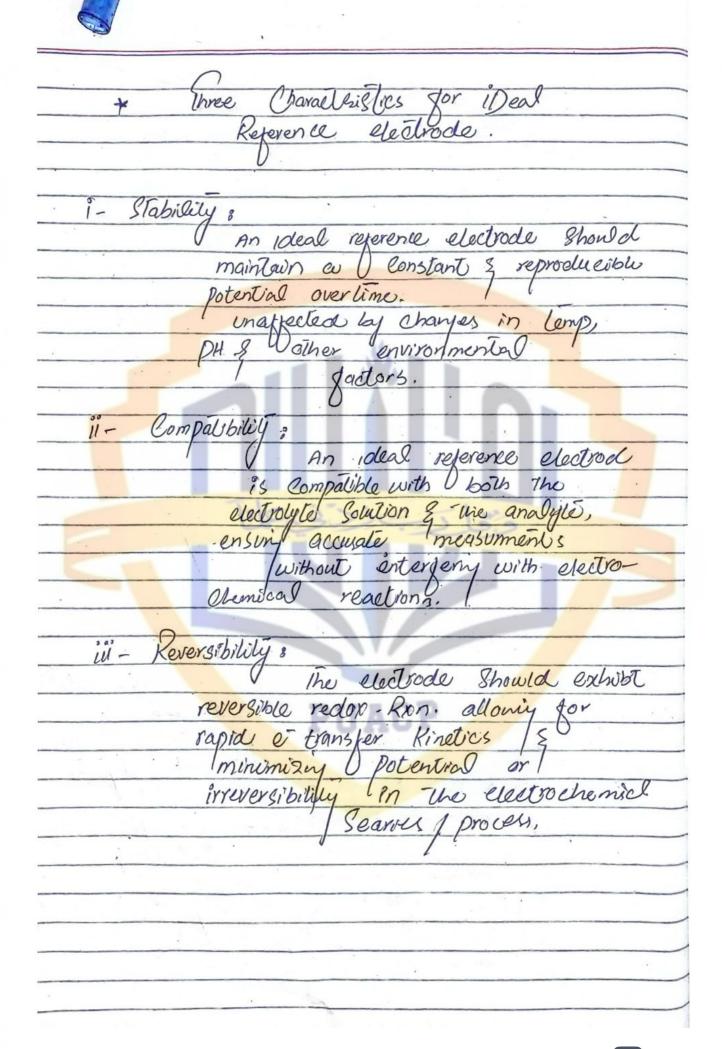
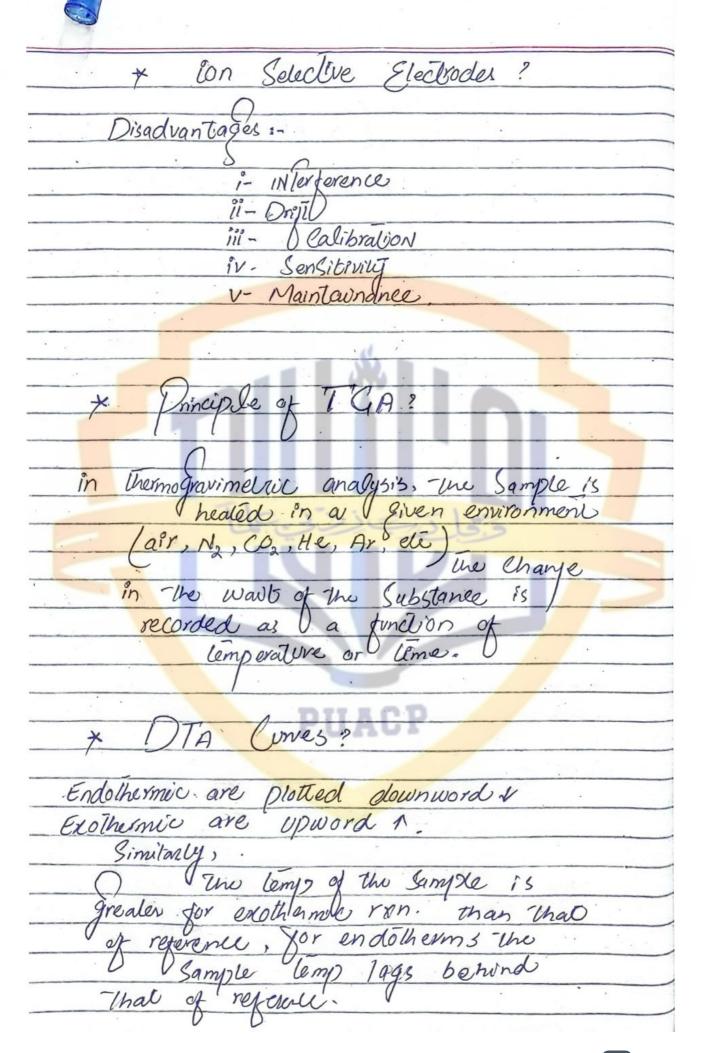
## 7" Analytical 8p-I 2021 live three types of Open tabulors Column in Gas Chromatogreyon Capilary Column are broadly classified into ii- The wall loaled Open tabular (WCOT) ii- The Support Coaled open tabular (SCOT) iii- The Porous-layer Open tabular (PLOT) Afferentiale blu gradient elution & Cradient election isocratic Elution its a term Useal - its a term used in The mobile phase unen the mobile Phase hard varying has Constent Concentration Concervation -> Mobil phase has Mobile phase has varying Concertions. Constant Concentration > Peak of late elition Flate & broad Narow + Selectively Does not Depends on Column depend on Column dimensions

dimensions.

Section Criteria For gas in Gc. Used to move - un soute - Through The Column. Carrier gases should be pure (>99.9 percent). Chemically merl, regolisy available at low lost, safe & Suited for the Sample being used. larités ? Demaites et Derivatives by AIKY lation? Alkylation is a process in which alkyle group is added to a molecule. mariles Denewles 1- Increased molecular - polential environmental
impact
- Safety Concerns With Treatilive allylary iii- Versalillity in iil - Formation of ir- Scalability for iv- Chayenes in Selecting Industrial production.



* Frinciple Privalve in Potentiametric		
* Principle Provolve Pn Potentionetre		
Potentiometry principle when the pair of		
electrodes are placed in the		
Potentiometry principle when the Pair of electrodes are placed in the Sample Solution or analyte,		
W Shows the polential		
Difference between two electrodes  by the addition of titrant or  by the Change in the Concentration of lons.		
by the addition of titrant or		
by the Change in Othe Concentration		
of Pons.		
* Name four INDrealer Electrodes?		
There are Several different Kinds of indicators		
electrodes.		
There are Several different Kinds of indicators electrodes  Several metals such as.		
Solver		
Copper		
lead		
Cadmium & mercury.		
o - Names o		
•		
9- Silver O Silver Chloride electrode (AG/AGCQ)  ii- / Calomal electrode (Hg/HgCli)  iii- Salvaled Calomal electrole (SCE)		
11- / Caromal electrode (49/49.CT)		
iii- Saturaled Calomal electrole 5/32 //SCE)		
in - G19ss electrode.		
The second of th		



* Glass Transition	Cemp.
(vi°) Repe	ated 2020
* HEAT Flux DSC	€ Powe Compensated
Dower Compansated DSC,	HEAT AUX DSC
1°- Sample Holder:  platinium, Aluminium  E Stainless Steel pans	· platinium, alamonum
g Staunless Sleel pans	g Staunless Steel
11- Sensors 3	
lamp exculure,	o "temperature
Semsors	Sensors
platinium resistance thermoe	ouble by usually thermo-
Separate Sensors & Heater's goi	Couple which are
both reference & Sample.	Same for both Sample
iii - Furnace:	q reference.
Separate block	o One block for
for both treference &	both reference
for both treference & Sample Deell.	& Sample Cell.

