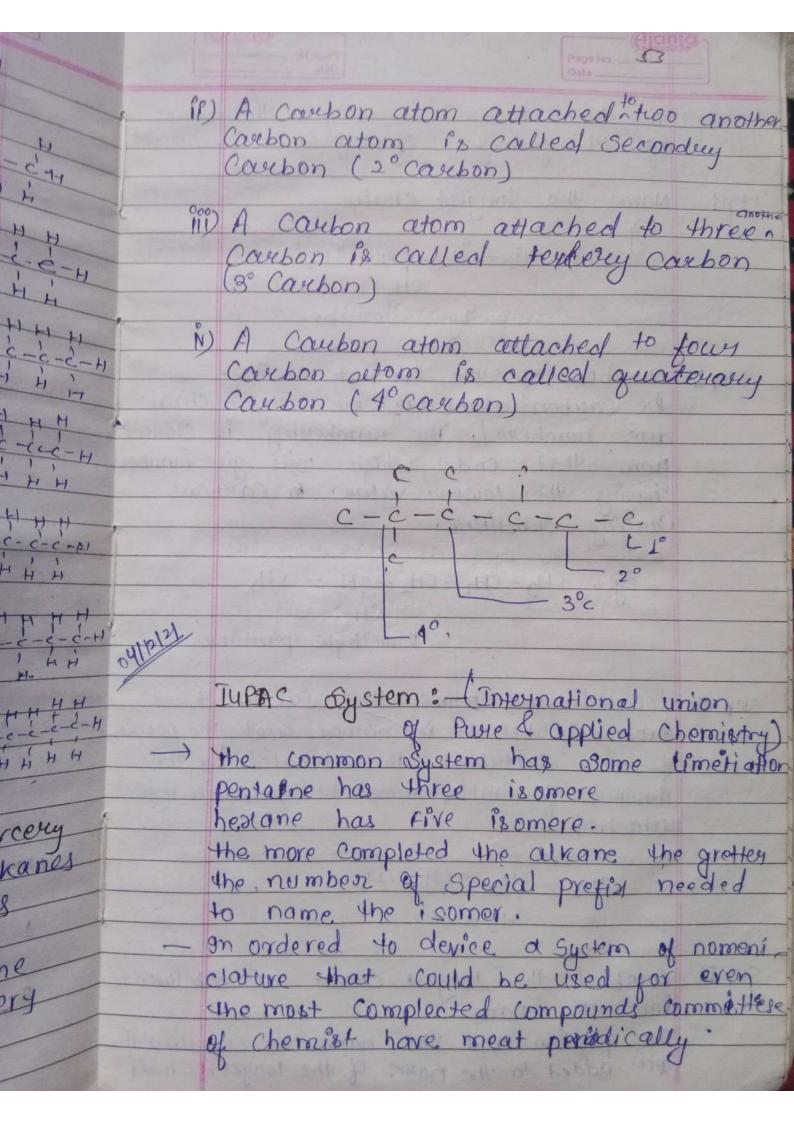
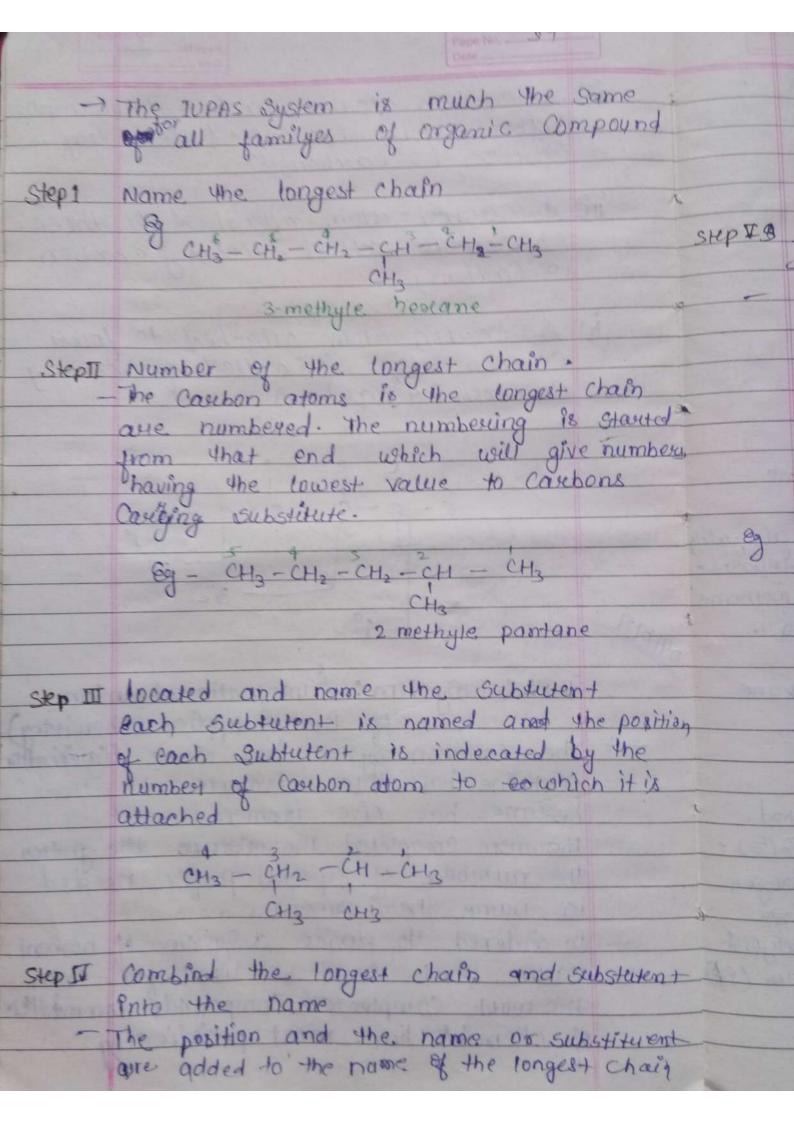
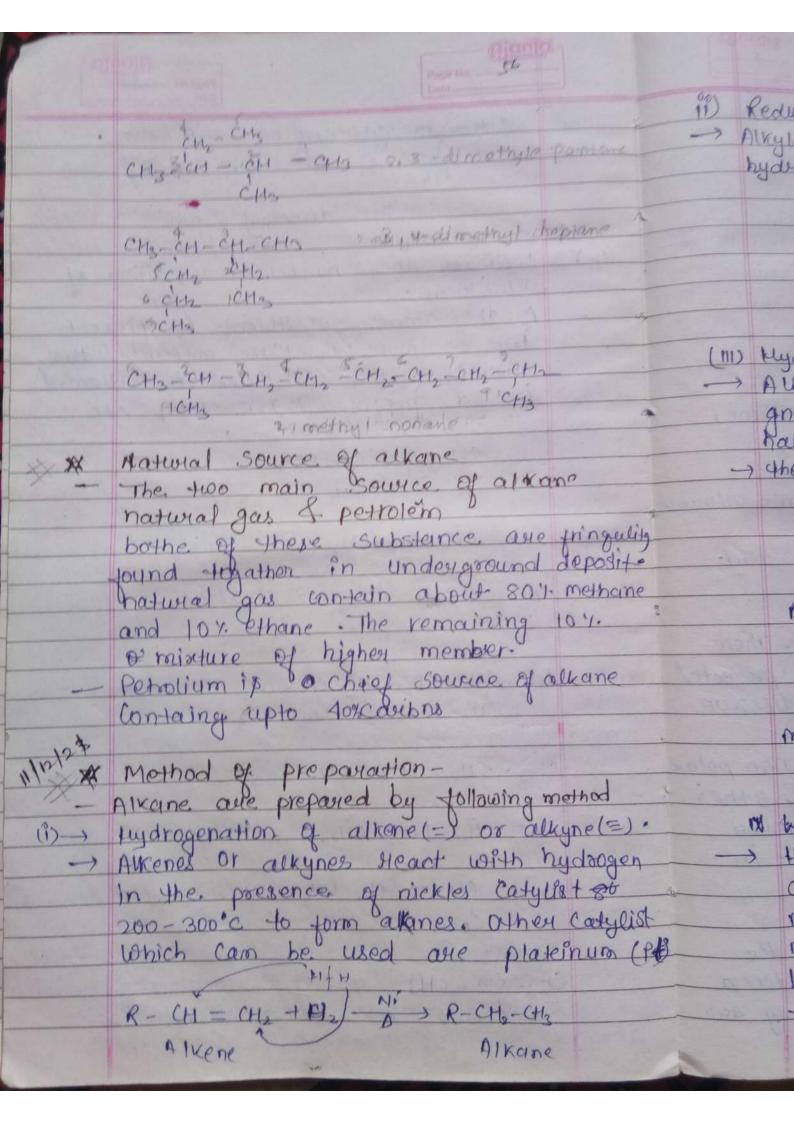
	0 211221112100
	2. Stroctwice & nomenaciature
	Date - 51
	Alkanes-
-	
	Compound made up caubon & Hydrogen.
_	only.
	they thave the general formula
	where n = 1,2,3,4
-	The first three member of this class
	Can be diepresented as
No.	H H H
	H-C-C-C-H H-C-C-H
	H-C-H H-C-C-W
	HH
	Propane methane ethane
	Alkane contain stronge c-c and c-H
Co	bon co-valent bond therefore. this
	class of hydrocaupon and and of
	class of hydrocaubon are retilively.
	nomneclature:
(i)	Common name-
(1)	the level lane-
	and first four member of this series
	the first four member of this series are called by their common name
	The state of the s
SNO	Name molecularisform structure
1	nethane CHy H-C-H
9/8	HU
2	ethane Chilb 4-2- 24
	ethane Chlo A-C- it
	La Carretti Li
THE PARTY OF THE P	

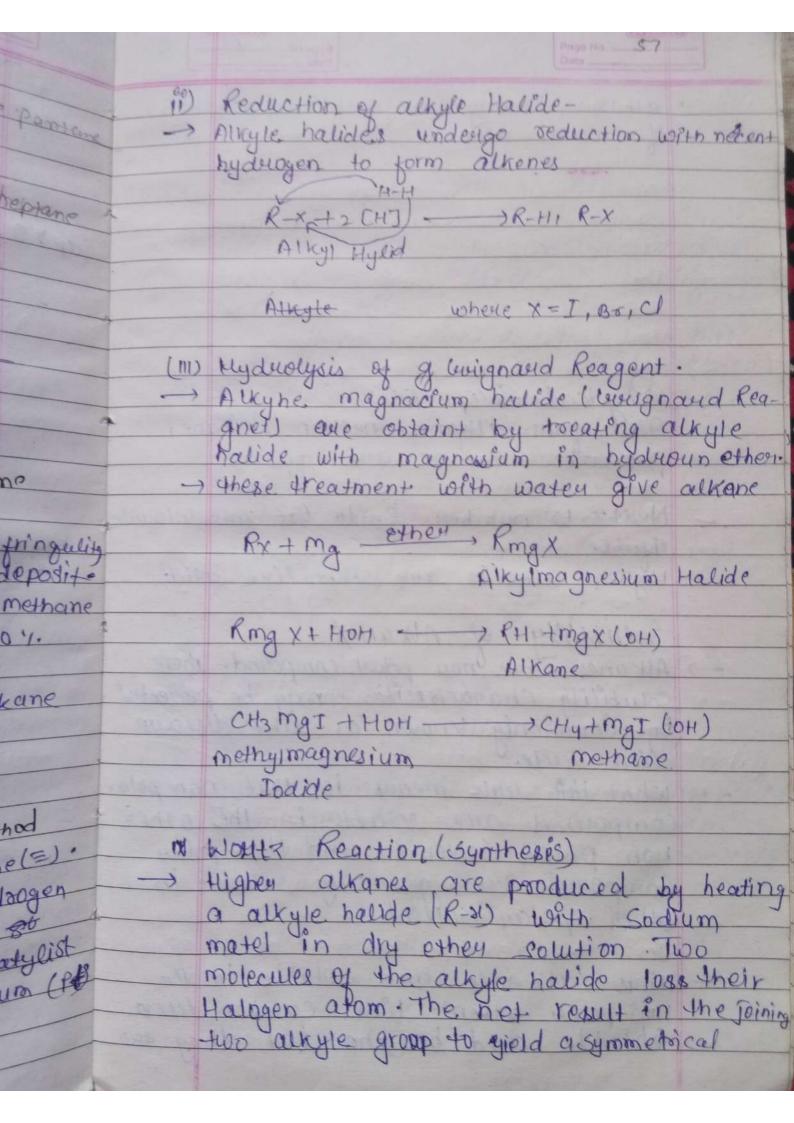
	Page No. S2		
3	Propane C3H8 H-c-c-c-h	îe)	A
4	Butane Cutto H-c-c-c-c-11	000)	A
5	Pentane C5 HD 4- C- c- c- e- H		Co
6	Hexane (6 thy H-e-c-c-c-c-t-h)	N)	FCC
7	Heptare C7H16 H- CCCCCH	L	2000
8	Octore (8 H) H H H H H H		
9	Monane Catto 4-c-c-c-c-c-c-c-t	رداماله	
10	Decare 4 H H H H H H H H H H H H H H H H H H	1	, , ,
*	Primery: Caubon - Secon dry & tercery The Stouctural formulla of alkanes Contain 4 types of carbon atoms		
<b>D</b>	A Caubon atom attached to one another caubon is called primery Caubon. C. Caubon)	-	
		Res	





CH3-CH-CH-CH3
CH3 you 213 - dimethyl Butune Step \$3 Indicate the number and position of Substituent. if the same substituent is present two or, more time in the molecule the number of this substituent is indicated by a prefix distrip tetra etc etted ? mber CH3-CH-CH-CH3 CH3-CH2-CH2-CH3 - Butane 413-C11 -CH2-CH3 -2-Butanol CH3-CH2-CH2-CH2-CH-CH3 & 5 dimpthyle hoxens.
CH3 CH3 CH3 itian CH3 -CH2 -CH2 -CH2 -CH3 +2. Chloro pantanely Coar CH2 - CH2 - CH3 - tetroicacid CH3. CH - EH2 - EH3 - 2 methyl Butanoic Mi CH3-CH -CH3 2-choloro propane





in soluble water. polay solvent such

Such such asthe showed shaved Thus one bond is Hydriogen (CH) are practfally equal hemical proper your + Fabraces MOOM alread elector negativity of hy duogen almost stable tempratuse phoperties ocid. bond to due absorbed & electron in carbon. 100 - polas. between them Alkelio Almost non polar bone 40 Common carbon (2060 alkane Alkane oxidizing agent levet that see agent ans and the

olar ¥ sas" decomposition of dead servies. Methane Suoduces MOM ethane is the first men manshy place where it is result d Vegetable. тетьен mass march alkane

100

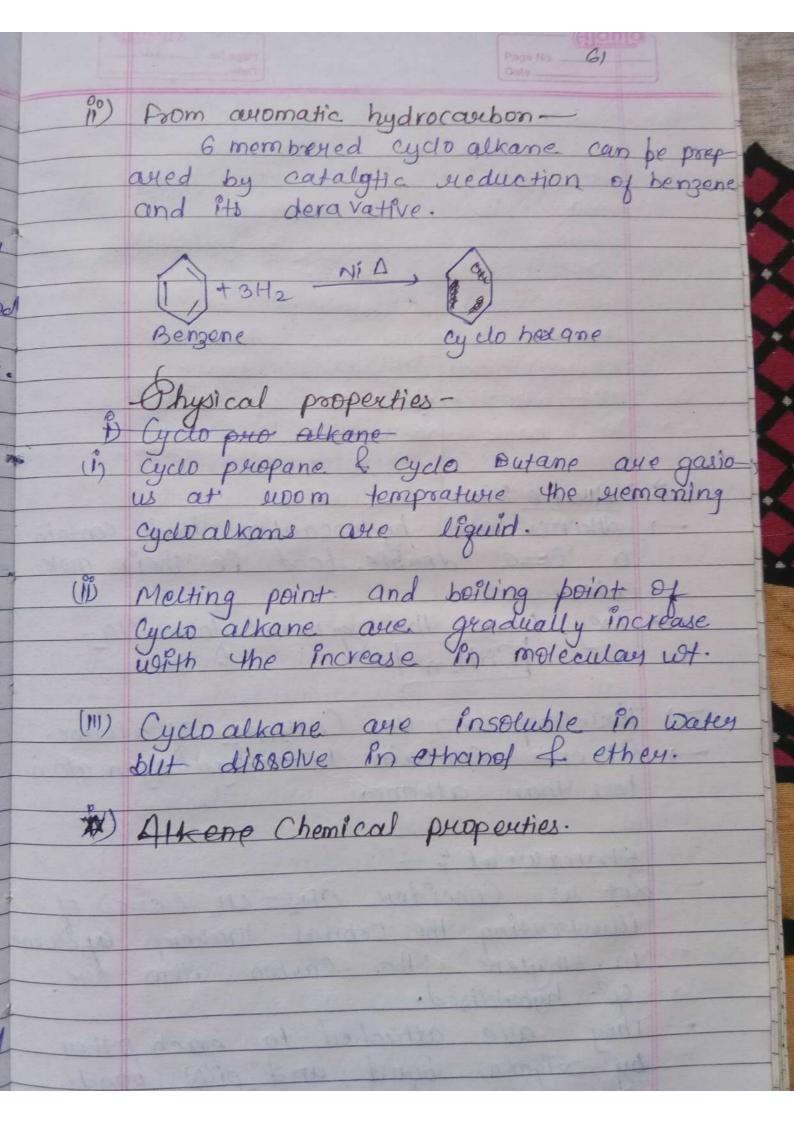
Herela

many 46 occure damp under presence coal mines

Cyclo alkane: Cyclo alkane or, Cyclo parayfin are seturated hydrocorrbons in which the Carbon atoms are joints by Single co-valent bond to form a ring They are also called all-cyclic Compound The pueper - all is added because of their Semilar to alephatic compounds. The unsubstated cyclo alkane form formulla (CnHm) Serves with general The first member of these series is cyclo propane 63H6 Nomenaclature H\_C - CH2 CH2 - CH2 Cyclo propane cyclo Butaine CH2 - CH2 Cyclo pantone Method of prepration -Terminal dihalid when treated with Sodium (Na) Or ZPNK (Zn) from cyclo alk and This seaction is on extension of too worth mean and it is useful for the preparation of 3-6 membred CH2 CH2d + 2N9-2N9d ans-ch2

CH2d -2N9d ans-ch2

Cyclol cyclo propane 1,3 dichoropropane



\* Alkene &-- Alkenes are hydrocarbon that contain a C=c double, bond in their mole--> They have the general formully--> Horincompension to Contain to hydrogen atom less than alkane. Stryctuy al & -Let us Concider CH2 = CH2 (C=C) of illustrating the orbital makeup apalkene In anylone the Carbon atom dee Sp2 hybridized. - They are attached to each other by offgm( o) bond and prin bond. - The Gigna bond results from the