Topic - Carbon and its Compound Once 2019 feb (Tonk Gran) 1 Define allotropy. Flore - Tt is a property of Some chemical Element to be able to take two or more diffrent -form where the atoms are known as all otropes and 3011 this phenomena & is known as allotropy. Describe all the allotropes of Carbon-Ans- Allotroper of Carbon - Carbon has 3 allotropes

Diamond @ Graphite @ Buckminster fullerine Oraphite

Tt is greyish black

Opaque - Substance Diamond

T+ 12 & Colourless transperent Substance having extraordinary prilliance Du pau tau Completels into Cor. 2) It is also made Up of Carbon Only. 3. It closs not conduct electricity 3 It Conduct electricity Ques- Define hydrocarbon. Describe its types. And Carbon at only is known as hydrocarbon.

Types of Hydrocarbon - Two types of hydrocarbon (1) Saturated hydrocarbon (ii) Unsaturated hydrocarbon

Saturated hydrocarbon - Hydrocarbon in which Corbon atoms are connected by Single bond is known as Saturated hydrocarbon. It is generally known as allrane. Its general Larmaja is (nHsn+5. ex- Methane - CHy, Ethane - Cathe Unsaturated hydrocarbon - Hydrocarbon in which Carbon atoms are connected by double or trible bond is known as Unsaturated hydrocarbon. It can be classified in two ways Alkyne Alkene In which Carbon atoms are In Which Carbon Ortoms are Connected by double bond. Its develag terminas is Cutton-5 General formula is Cuttin. Ex - Ethyne - Cathe Ex- Ethene - (x Hep Cyclic Hydrocarbon - There are Some Other hydrocarbon in Which carbon atoms are Connected in the - town of sind Known ON Ch Clic Hagrocaspon. (H2 (H2 Cy Clo Butane 2015,16 CH2 - CH2 Quesy - De fine homologus Series. Describe its properties also. Ams - Homolgus Scries - It is a series of Compounds with Same -functional group and Similar Chemical properties.

Brobertier O Its wempers pare Same Chemical properties.		
2) Its Members are difter by CH2 group 3) Its members are		
differ by atomic mass 14 unit @ Physical properties different		
TupAc- Used to Mamig. Compound		
Pretix + Suffix		
	Gretix + c	Juffix Suffix
Pretix		3 CORPOXALICALIST CON OLESCO
No.of C	pretix	Suffix (3) Carboxylic Arid - Cooth oic acid (9) Ketane - E - One
atom	Meth	3 Halogen group - As pretix
C	Eth	- Bx -> Browns - CJ -> C/V/OLO
Co	Drop	- Br -> Bromo
Cy	Bute	-7 -7 7do
C 5	Pent	Alkyl group - It is formed by
(7	Her	Tillist drad traden from
(8)	C)C+	Leworal One phydroden from
Çq	Non	En CH3 - Methyl
(10	Dec	160 CH3 - 116 141X
Suffix-	344	Qua- Name (IUPAC) for following
	ane	OCH3 = CH2 - CH2 - CH3 Butane
Allkane (-)	6 nc	(D) CH3-CH=CH2 propene-1
Allxene (=)		a Cir Cir Cir Ou Dechard
Allkyne (=)	Ine	3 (H3-(H2-(H2-OH propanol
Conclinal 9	-duox	19 CH3-(H2-(H2-(H0 Pentang)
functional 9		
@ Aldebyde group	lo HO-	3 2 CH3 CH3 CHOW DISPOSING
@ Aldebrode group	-CHO ar	6 CH3-CH2-CH-CH-CH3
		(5) (H3-(H2-CH2-C) Chloro brobone (6) CH3-CH2-CH-CH-CH-CH3 5 9 3 2,3-diMethyl Dentane



