-> GOC * Acidic Strength * Basic Strength * Stability of Intermediate

* Solubility in Noote, Natico3

* Asomatic, Non-Assomatic, Anti-Assomatic (Simple/Reach) * Chiral / A Chiral * Relationship le/us two compounds (ENT/DOI/I/TA * G. I (No. of compounds showing GI) Simple/Reach * F/Z Nomanclature * Boiling point * No. of structural isomors / sterio isomors - with * Reac Mechanism → Dehydration of Alcohol (Reagents with Reagents)

* → Markinov and Anti-Markinov Reac" * -> Peroxide effect * Br addition with stereo * SN1 and SN2 SN² > Lucas test -> Reactivity Order -> Ether formation and other cleanage - HBO/OMDM/ 430+ * Es with everything Satyzeff and Hoffmann product È * socy > sni → Retention Soch * Alcohol polyhydroxy Compound - HI Reach * Ciringand > As a base as a nucle ophile

* Reduction - To prepare Different reducing agent KAH, SBH, Batte, i) Alcohol (ii) Alderyde / retone Ha/Ni (Stero.) 9 Birch (Pii) Hydrocarleon g Lindlar, Rosemund, Stephen , MBY MPV Boulvanc, Red P+HI. WKR, Clomenson * Oxidation of alcohol * Free Radical"> Wustz / Kolle * Alkane Oxidation > NBS, no of monochlorinated product - SOR, MOR -> Seo, Mno, , Cu/A -> Tollons, Fehling, Reducing Sugar En Carloshydoates Baeyer, KMnoy/It Jok -> Ozonolysis -> (Intra - Aldol) -> Hydrocarbon (Alkane Oxidation -> NCERT) * Ny addition to carbonyl system. Aldol and Carmizaro (Grossed Carmizario, Intra Combination with Protection * Reach with HCN (Gjanoshyderen) Hoo (stable Phydrate) NaHCO, (test of aldehyde and kettone)

-> Peakon (wethout mechanism) 1) with bitra-molecular EAS with aliphatic system

> 204-DNP (No exception) Jodoform (Heating effect -> B-Roto acid OMS GAPSA, hydroxy and, amino acid Dry distillation followed by Iodoform. -> Carleoxylic aid (1) Soda Ulimo (ii) Step-up -> Arnst eister -> Only Reagent Acid preparation (P) Cyaride hydrolysis

(ii) Ester hydrolysis

Alkene Oxidation Oxolysis

Deliver Oxidation Oxolysis - Estoufication > Common name of Carloxylic acid > → Common name of acid without CO2H → -> Amines Preparation (Hoffmann Bromamide, Tollons, Fehling, Todoform balance reach from NCERT) -> Netro benzene reduction on different medium -> Deazotisation -> NaNo, + HCe -> 10, 20, 30 → Diazocoupling → Phosenol, B-Northanol, Amiline, Tor

→ Test of amine →

Hinslowic reagent, Carloyl amine (Isocyanide test)

→ Physical properties of amines (Basic strength , Solubility

, B. P. from NCERT)

- Aromatic Reach where accomplic product formed singer roomed Polymerisation of Alkyne > Paul knour acotone + Hoson > Mesitylone I use of Reagent in 3, 5, 7 membered ring. Dienone-Phenol Resourangement Pereparation of hexachlorolaenzonce / BHC Marce reactive than beenzone less reactive than borrone. -> Reactivity ander towards SNAV. - Attacking site. > Netration (Rosgents / Ko I effect, Amiline, Phonol, Toulene nitration) -> Anhaline -> Diazonium ion -> mono-substituted derizone (NCERT) > DH dependency on dearocallyling -> Halogenation KBr+KBrOz, Bra/CSa, Bra/H20

Brz -> for various purpose abrocomal product

-> Foledel Craft (For various system, Toulone, Aniline,

Phenol, Netroleenzone) Adduct NO reach -> Deactivating group like - No, - CO, H, -CO, R dolls not give potts en sulphonation, Feasia ent give product for Other FAS. bennene acylation -> Intra FCA -) Acyloticon without / with Al Ce, for acylation Calcoholic -OH, Phenolic -OH, 10 Amire , 20 Amire)

* 3° Amine and Amide met no acylation Aspirin Preputation+ glucos / sugar acylation * Sulphonation (0/p product) Confugated alkadiene 3 1,2-, 194-* Desulphonation (450+) followed by EAS

* Decarboxylation (Examples -) Oakwood, Grandicarboxy 9 B-ketomacid, B-amino acid, B-7 unsaturated acid) * Phenol (Test - Feclz, diazocoupling V/s Test of alcohlic - OH -> CAN) * Riemuse Tremann * Kolle * Thoustotally preparation

* Are types of EAS > In dust of * Dove process and benzene oxidation at 250°C and -from gringard. Carloo hydrates -- Disaccharide → Polysaccharide -) Reach with reducing / oxidising agent to aldonic / set saccharic acid -> Cyclic structure -> Crycosidic linkage (Disaccharide / Monosaccharide / Polysacchar

Ameno acide Freentlal / Non-essential Acidic, Basic, Newtral

Value of pr St recelectoric point

amino acid by Prefacetion of amino acid by Crabbil Plathaboride, > Zwitterion > Chiral center - POC of sucurounding group -> Petitide linkage persparation. > Numerical questions Test of Biomolecules -> (P) Molich (ii) Seliwonoff iii) Bluxet ((Ninhyderine (v) Xanthaprotic (Vi) Barford -> POC (m) (aring (PV) Lassign test (Qualitative) - Limitation of Lassian, Kjeldahl - Separation, fractional distillation, distillation under pressure. - B.P, Dipole moment data to differentiate fractional / simple distillation

7 To 1919 10 1 0 0 0 0 0
of Tollens, ammonical and non-terminal alkyne using Pooling
eg-Tollens, ammonical CuzClz.
-> Polymen
(Complète NCERT) [use, tempo Condition]
Themistry in Every beday life
· VOI UMITUA
- Structure
- Chiral conter
> Infection
-> Anti-feottility
- Antipyretic
-) to G
-> Booklet
-> Vitamins
-> Solubility in fat, water
- Doctors
Name of preservative
-> Artificial Sucretner
-> DNA and RNA (Different bask group)
· Marshare wild wholeoffice
- Enzyme
→ Soap and Detergents
14 100
- Williamson ether synthesis for 20 possible

. .

10 Question 2 1 3 Chemistry 2 - Chemistry
2 - Groc
3 - Aromatic + Atiphatic
2 1 - Carloohydrate + Amino acid + Polymon
1/2 - Alcohol + ether + alkyl halide
3 1 - Reduction / Oxidation
3 1 - Amine + Carlooxylic acid
3 1 - Aldol + Connizaro + Carloonyl / Hydrocarloon
3 1 - Hydrocarloon (only)