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UNIT 11

- 1. Primary , Secondary , Tertiary alcohol prepare from Grignard reagent -108**
- 2. Kolbe schmit reaction-130**
- 3. Ethylene glycol from Baeyers reagent-110**
- 4. Benzene $\Rightarrow$ phenol (from cumene)-126**
- 5. Schotten baumann reaction-127**
- 6. Following the compound prepare from phenol**
 - i) Benzene ii) aniline iii) anisole iv) 1,4 benzoquinone v) cyclohexanol vi) picric acid 127-129**
- 7. Riemer -tiemann -108**
- 8. Hydroboration-109**
- 9. Saponification reaction110**
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- 14. E2 mechanism-115 ,**
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- 21. Glycerol $\Rightarrow$ acrolein-121**
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- 23. Benzene $\Rightarrow$ phenols(cumene)-126**
- 24. Ether preparation three methods -134 &135**
- 25. Phthalein reaction-131**

UNIT 11

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27. Test to differentiate alcohol and phenols-131
28. Diethylether react with following reagent -136 to 137
i) HI ii) O_2 iii) Cl_2 /light iv) PCl_5 v) anhyd. $ZnCl_2$ / CH_3COCl
vi) dil H_2SO_4
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30. Anisole react with following reagents-i) HI ii) Br_2
iii) con. H_2SO_4 / HNO_3 136-138
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“ LIFE IS NOTHING WITHOUT CHEMISTRY

ALL ARE MADE OF ATOMS AND MOLECULES “

IMPORTANT REACTIONS OF CARBONYL COMPOUNDS AND CARBOXYLIC ACIDS IN CLASS 12th**UNIT-12**

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 - i) crotonaldehyde-146
 - ii) mesityl oxide-147
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 - iv) Glyceraldehyde-146
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IMPORTANT REACTIONS OF CARBONYL COMPOUNDS AND CARBOXYLIC ACIDS IN CLASS 12th**UNIT-12**

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“Life is nothing without Chemistry .All is made up of atoms and molecules.

Important Name Reaction of Organic Chemistry in class 12Th
(Unit -11,12&13)

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