

Gaining Apex Coaching Centre

(Where Toppers make..... Toppers)

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Assignment: Hydrocarbon

- 1) Write the following reactions
 - i) Kolbe electrolysis ii) Clemmensen reduction iii) Wolf Kishner Reduction
- 2) The increase in melting point is more in moving from alkane molecule having odd number of carbon atoms to the next higher member while it is less in case of even number of carbon atoms. Explain
- 3) Explain Wurtz reaction
- 4) Out of Butane and Iso Butane which has higher boiling point and Why?
- 5) How will you prepare alkane by the reduction of Alkyl halide?
- 6) How we can obtain alkane using any two-reduction method of Alkyl halides
- 7) Explain a method from which we can make methane and why its cannot obtain from Wurtz reaction.
- 8) Explain Wurtz reaction with proper limitation
- 9) How Chlorination different form iodination
- 10) Explain Chlorination of Alkanes
- 11) Write sulphonation and nitration of alkanes
- 12) Why Fluorination of alkane is not possible
- 13) How will you prepare fluoroalkane
- 14) Write Decarboxylation reaction
- 15) Explain incomplete and complete combustion of alkane