
❖ Problems

- Q 1. Discuss the basic mechanism of addition to carbon-heteroatom multiple bonds.
- Q 2. What is carbonyl reduction? How LiAlH_4 acts differently than NaBH_4 in such transformations?
- Q 3. Give the mechanism involved in the metal hydride reduction of nitriles.
- Q 4. What are Grignard reagents? Explain with a suitable example.
- Q 5. State and illustrate the mechanism of the Wittig reaction.
- Q 6. Write down the mechanism involved in the Claisen condensation.
- Q 7. Illustrate the mechanism of hydrolysis of ester and amides.
- Q 8. Define the process of ammonolysis.

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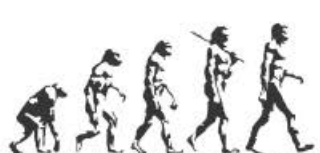
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Volume I

MANDEEP DALAL



First Edition

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