

## Reading Assignment - Chapter 19

Read any combination of the following sections so that you have read a total of five pages. When sections begin or end with less than half of a page, don't include that page, or add two half pages to make one whole page. Please choose sections which will help you to review, fill in gaps in your understanding, or increase your knowledge.

- 18-1 Carbonyl compounds (p 774)
- 18-2 Structure of the carbonyl group (p 775)
- 18-4 Physical properties of ketones and aldehydes (p 778)
- 18-6 Industrial importance of ketones and aldehydes (p 787)
- 18-3 Nomenclature of ketones and aldehydes (p 775)
- 18-5 Spectroscopy of ketones and aldehydes (p 780)
- 18-7 Review of synthesis of ketones and aldehydes (p 787)
- 18-20 Oxidation of aldehydes (p 818)
- 18-21 Other reductions of aldehydes and ketones (p 819)
- 18-12 Reactions of ketones and aldehydes: nucleophilic addition (p 797)
- 18-15 Formation of cyanohydrins (p 806)
- 18-13 The Wittig reaction (p 800)
- 18-14 Hydration of aldehydes and ketones (p 804)
- 18-18 Formation of acetals (p 811)
- 18-19 Use of acetals as protecting groups (p 817)
- 18-16 Formation of imines (p 807)
- 18-17 Condensations with hydroxylamine and hydrazines (p 810)