

Quiz 1 Coverage

- Acetal/hemiacetal (acid or base-catalyzed), dithioacetal, and cyanohydrin formation mechanisms and selective deprotection conditions **in short synthesis conversions**
- Wittig formation mechanism and applications in converting carbonyl to alkene **in short synthesis conversions**
- Bayer-Villiger Oxidation mechanism and application **within short synthesis schemes**
- Enols/Enolates formation and their reactions/**use in short syntheses**
- Enamine formation and reactions/**use in short syntheses**
- Aldol condensations (self and mixed) **in short synthesis conversions**