**Assignment-VI**

**Pharmaceutical Organic Chemistry-I**

**Very short answer type questions**

1. Give the structure and IUPAC name of the following:
2. Lactic acid
3. Salicylic acid
4. Dimethyl phthalate
5. Methyl salicylate
6. Benzyl benzoate
7. Why 2,4,6-trimethyl benzoic acid is very difficult to esterify ?
8. Why do carboxylic acids not give the characteristic reactions of a carbonyl compound?
9. Why formic acid is stronger acid than acetic acid ?
10. In ortho and para chlorobenzoic acid which one is more strong ?

**Short answer type questions**

1. Write a note on following:
2. Tartaric acid
3. Citric acid

**Long answer type question**

1. Explain in details acidity of Carboxylic acids and qualitative test of the same.