

# Hydroxy Acids:

## Part II (Hend.)

### NOTES

Some important examination questions:

1. What are hydroxy acids?  
How are they prepared?
2. What is the effect of heat on hydroxy acids?
3. How will you synthesise lactic acid from ethyl alcohol?
4. Discuss the action of heat on  $\alpha$ ,  $\beta$  and  $\gamma$  hydroxy acids.
5. What is natural source of lactic acid?
6. How is lactic acid obtained from propionic acids and acetylene.
7. Establish the structure of lactic acid.

# NOTES

Date

8. What is the natural source of citric acid?
9. How is citric acid isolated from lemon juice?
10. How is citric acid isolated from molasses?
11. How would you establish the structural formula of Citric acid? How would you proceed to synthesize it from acetone or from trihydroic alcohol?