

## PHC 371: PRACTICAL

This course is designed to expose the student to the various synthetic and purification techniques in medicinal chemistry.

### Lab. No.

- 1                    **Paracetamol**
  - a) Synthetic routes.
  - b) Identification.
  - c) Yield %.
  
- 2                    **Aspirin**
  - a) Synthetic route.
  - b) Identification.
  - c) Yield %.
  
- 3                    **Dichlorodiphenyl trichloroethane (DDT)**
  - a) Synthesis.
  - b) Identification.
  - c) Yield %.
  
- 4                    **Methaqualone**
  - a) Synthesis.
  - b) Identification.
  - c) Yield %.
  
- 5                    **Tartar Emetic**
  - a) Synthesis.
  - b) Identification.
  - c) Yield %.
  
- 6                    **Examination No. (1).**
  
- 7 & 8                **Benzocaine**
  - a) Synthesis.
  - b) Identification.
  - c) Yield %.
  
- 9 & 10              **Dichloramine-T and Chloramine-T**
  - a) Synthesis.
  - b) Identification.
  - c) Yield %.

Lab No.

11 & 12	<b>Antipyrine</b>
a)	Synthesis
b)	Identification
c)	Yield %.
13	<b>Methyl salicylate</b>
a)	Synthesis
b)	Identification
c)	Yield %.
14	<b>Examination No. (2)</b>
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14	Total
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