

PHARMACEUTICS I (Practical)

1. Syrups a) Syrup IP

b) Paracetamol pediatric syrup

2. Elixirs a) Piperazine citrate elixir

b) Paracetamol pediatric elixir

3. Linctus a) Simple Linctus BPC

4. Solutions

a) Strong solution of ammonium acetate

b) Cresol with soap solution

5. Suspensions a) Calamine lotion

b) Magnesium Hydroxide mixture

5. Emulsions a) Turpentine Liniment

b) Liquid paraffin emulsion

6. Powders and Granules

a) ORS powder (WHO)

b) Effervescent granules

c) Dusting powder

7. Suppositories

a) Glycerol gelatin suppository

b) Soap glycerin suppository

8. Semisolids

a) Sulphur ointment

b) Non staining iodine ointment with methyl salicylate

c) Bentonite gel

9. Gargles and Mouthwashes

a) Potassium chlorate gargle

b) Chlorhexidine mouthwash

Recommended Books: (Latest Editions)

1. H.C. Ansel et al., Pharmaceutical Dosage Form and Drug Delivery System, Lippincott Williams and Walkins, New Delhi.

2. Carter S.J., Cooper and Gunn's-Dispensing for Pharmaceutical Students, CBS publishers, New Delhi.

3. M.E. Aulton, Pharmaceutics, The Science & Dosage Form Design, Churchill Livingstone, Edinburgh.

4. Indian pharmacopoeia.

5. British pharmacopoeia.
6. Lachmann. Theory and Practice of Industrial Pharmacy, Lea & Febiger Publisher, The University of Michigan.
7. Alfonso R. Gennaro Remington. The Science and Practice of Pharmacy, Lippincott Williams, New Delhi.
8. Carter S.J., Cooper and Gunn's. Tutorial Pharmacy, CBS Publications, New Delhi.
9. E.A. Rawlins, Bentley's Text Book of Pharmaceutics, English Language Book Society, Elsevier Health Sciences, USA.
10. Isaac Ghebre Sellassie: Pharmaceutical Pelletization Technology, Marcel Dekker, INC, New York.
11. Dilip M. Parikh: Handbook of Pharmaceutical Granulation Technology, Marcel Dekker, INC, New York.
12. Françoise Nieloud and Gilberte Marti-Mestres: Pharmaceutical Emulsions and Suspensions, Marcel Dekker, INC, New York.