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# 18BP010 PHARMACEUTICS-I LABORATORY

## LABORATORY EXPERIMENTS

PRACTICAL

3 HOURS / WEEK

### 1. SYRUPS

- a) SyrupIP'66
- b) Compound syrup of Ferrous Phosphate BPC'68

### 2. ELIXIRS

- a) Piperazine citrate elixir
- b) Paracetamol pediatric elixir

### 3. LINCTUS

- a) Terpin Hydrate LinctusIP'66
- b) Iodine Throat Paint (Mandles Paint)

### 4. SOLUTIONS

- a) Strong solution of ammonium acetate
- b) Cresol with soap solution
- c) Logo's solution

### 5. SUSPENSIONS

- a) Calamine lotion
- b) Magnesium Hydroxide mixture
- c) Aluminium Hydroxide gel

### 6. EMULSIONS

- a) Turpentine Liniment
- b) Liquid paraffin emulsion

### 7. POWDERS AND GRANULES

- a) ORS powder (WHO)
- b) Effervescent granules
- c) Dusting powder
- d) Divded powders

### 8. SUPPOSITORIES

- a) Glycero gelatin suppository
- b) Coca butter suppository
- c) Zinc Oxide suppository

### 9. SEMISOLIDS SULPHUR OINTMENT

- a) Non staining-iodine ointment with methyl salicylate
- b) Carbora gel

## 10. GARGLES AND MOUTH WASHES

- a) Iodine gargle
- b) Chlorhexidine mouthwash

### RECOMMENDED BOOKS: (LATEST EDITIONS)

**H.C. Ansell et al., Pharmaceutical Dosage Form and Drug Delivery System, Lippincott Williams and Wilkins, New Delhi.**

1. Carter S.J., Cooper and Gunn's-Dispensing for Pharmaceutical Students, CBS publishers, New Delhi.
2. M.E. Alton, Pharmaceutics, the Science & Dosage Form Design, Churchill Livingstone, Edinburgh.
3. Indian pharmacopoeia.
4. British pharmacopoeia.
5. Bachmann. Theory and Practice of Industrial Pharmacy, Lea & Febiger Publisher, the University of Michigan.
6. Alfonso R. Genera Remington. The Science and Practice of Pharmacy, Lippincott Williams, New Delhi.
7. Carter S.J., Cooper and Gunn's. Tutorial Pharmacy, CBS Publications, New Delhi.
8. E.A. Rawlins, Bentley's Text Book of Pharmaceutics, English Language Book Society, Elsevier Health Sciences, USA.
9. Isaac Geber Sellassie: Pharmaceutical Pelletization Technology, Marcel Dekker, INC, New York.
10. Deli M. Parikh: Handbook of Pharmaceutical Granulation Technology, Marcel Dekker, INC, New York.
11. Françoise Myeloid and Gilberto Marti-Mistress: Pharmaceutical Emulsions and Suspensions, Marcel Dekker, INC, New York.

