

Contents

Preface to Third Edition (vii)

Preface to First edition (ix)

CHAPTER - 1

**SYSTEMS OF MEASUREMENT, STORAGE
CONDITIONS, AND COMMON HOUSEHOLD
MEASURES..... 1**

CHAPTER - 2

LABELLING OF MEDICINES 4

CHAPTER - 3

SYRUPS 5

Experiment – 1 Syrup IP (1966)..... 6

Experiment – 2 Ephedrine Hydrochloride Syrup NF 8

Experiment – 3 Syrup of Vasaka IP (1966)..... 9

Experiment – 4 Orange Syrup BPC (1973)..... 10

Experiment – 5 Compound Ferrous Phosphate
Syrup IP (1955)..... 11

Experiment – 6 Ferrous Sulphate Syrup..... 14

CHAPTER - 4

ELIXIRS 16

Experiment – 7 Piperazine Citrate Elixir BPC 17

Experiment – 8 Paediatric Paracetamol Elixir BPC 19

(xii) Contents

Experiment – 9	Cascara Elixir BPC	21
Experiment – 10	Terpine Hydrate Elixir IP 1966	24

CHAPTER - 5

LINCTUSES 27

Experiment – 11	Simple Linctus BPC.....	27
Experiment – 12	Paediatric Simple Linctus BPC.....	29

CHAPTER - 6

SOLUTIONS..... 30

Experiment – 13	Aqueous Iodine Solution IP [1966] [Synonym: Lugol's Solution]	26
Experiment – 14	Strong Iodine Solution IP [1966].....	34
Experiment – 15	Weak Iodine Solution IP [1966] [Synonym: Iodine Tincture].....	36
Experiment – 16	Cresol with Soap Solution IP [1966] [Synonym: Lysol]	39
Experiment – 17	Strong Ammonium Acetate Solution IP [1966] [Synonym: Liquor Ammoni Acetatis Fortis].....	41
Experiment – 18	Strong Solution of Ferric Chloride BPC (1977)	44

CHAPTER – 7

SUSPENSIONS FOR ORAL USE..... 46

Experiment – 19	Magnesium Hydroxide Mixture BP.....	47
Experiment – 20	Aluminium Hydroxide Gel	50

CHAPTER – 8

GARGLE, MOUTH WASHES AND PAINTS 52

- Experiment – 21 PVP - Iodine Gargle..... 53
- Experiment – 22 Chlorhexidine Mouth Wash..... 55
- Experiment – 23 Compound Iodine Paint
[Mandl’s Paint] 57

CHAPTER - 9

EMULSIONS..... 59

- Experiment – 24 Liquid Paraffin Emulsion..... 60
- Experiment – 25 Cod Liver Oil Emulsion..... 63

CHAPTER - 10

POWDERS AND GRANULES 66

- Experiment – 26 Oral Rehydration Salts
(Oral Divided Powder)..... 68
- Experiment – 27 Zinc, Starch and Talc Dusting Powder .. 27
- Experiment – 28 Powder Containing
Eutectic Substances..... 73
- Experiment – 29 Powder Containing
Explosive Substances..... 76
- Experiment – 30 Menthol Insufflation
[Powder for Inhalation]..... 78
- Experiment – 31 Compound Effervescent Powder
[Seidlitz Powder] [Oral Divided Powder] 80
- Experiment – 32 Sodium Phosphate
Effervescent Granules..... 82

CHAPTER - 11

LINIMENTS..... 85

- Experiment – 33 Turpentine Liniment IP [1966] 86

(xiv) *Contents*

Experiment – 34 Camphor Liniment BPC 88

CHAPTER - 12

LOTIONS..... 90

Experiment – 35 Calamine Lotion IP [1966] 91

Experiment – 36 Benzyl Benzoate Lotion USP 94

CHAPTER - 13

SUPPOSITORIES..... 96

Experiment – 37 Boric Acid Suppositories 97

Experiment – 38 Choral Hydrate Suppositories 100

Experiment – 39 Glycero - Gelatin Suppositories..... 103

Experiment – 40 Zinc Oxide Suppositories..... 106

CHAPTER – 14

**OINTMENTS AND OTHER SEMI
SOLID PREPARATIONS..... 109**

Experiment – 41 Sulphur Ointment B. P. [1980] 110

Experiment – 42 Non-Staining Iodine Ointment
with Methyl Salicylate BPC 112

Experiment – 43 Dimethicone Aqueous Gel..... 114

CHAPTER - 15

INCOMPATIBILITIES 116

Experiment – 44 Physical Incompatibility
[Insolubility] 118

Experiment – 45 Physical Incompatibility
[Liquefaction] 121

Experiment – 46 Chemical Incompatibility [Oxidation].... 123

Experiment – 47	Chemical Incompatibility [Evolution of gas]	125
Experiment – 48	Therapeutic Incompatibility [Inappropriate Drug Selection]	127
Experiment – 49	Therapeutic Incompatibility [Drug - Drug Interaction].....	129
Experiment – 50	Therapeutic Incompatibility [Dosing Error].....	131
Experiment – 51	Therapeutic Incompatibility [Drug Duplication].....	133
<i>Bibliography</i>		135