

Contents

1. Pharmaceutical Preparations	
(Dosage Forms)	1
<i>Oral Dosage Forms</i>	1
<i>External Dosage Forms</i>	5
<i>Parenteral Dosage Forms</i>	7
2. Dispensing of Dosage Forms	9
<i>General Instructions</i>	10
<i>Mixtures</i>	13
<i>Drops</i>	26
<i>Paints</i>	30
<i>Powders</i>	33
<i>Liniments</i>	36
<i>Lotions</i>	38
<i>Emulsions</i>	41
<i>Ointments</i>	46
3. List of Pharmacy Practicals	51
<i>Introduction of Oral Administration</i>	51
<i>Classification of Mixtures</i>	51
<i>Mistura Alba (Epsom Salt)</i>	
<i>(Magnesium Sulphate Mixture)</i>	52
<i>Light Magnesium Carbonate</i>	54
<i>Pulvis Triple Carbonate</i>	55
<i>Pulv APC—Compound Powders</i>	59
<i>Pulv Effervescence Co.</i>	62
<i>Potassium Permanganate Solution</i>	65
<i>Sulphur Ointment (Unguentum Sulphuris)</i>	69

	<i>Emulsio Oleum Ricini (Castor Oil Emulsion)</i>	72
	<i>Sodium Salicylate Mixture</i>	74
	<i>Alkaline Mixture</i>	77
	<i>Alkaline Diuretic Mixture</i>	78
	<i>Glucose-Saline</i>	79
	<i>Lugol's Iodine</i>	79
	<i>Differences</i>	84
	<i>Lotions and Lotio Calamina</i>	89
	<i>Mandle's Pigment</i>	94
	<i>Zinc Oxide Paste</i>	96
	<i>Tannic Acid Glycerin Paint</i>	96
	<i>Astringent Mouthwash</i>	98
	<i>Disclosing Solution</i>	101
	<i>Tooth Powder</i>	102
	<i>Toothpaste</i>	104
	<i>Enema (Enemata)</i>	105
	<i>Suppositories</i>	109
4.	Prescription Writing	112
	<i>Definition: Prescription</i>	112
	<i>Pharmaceutical Latin</i>	117
5.	Pharmaceutical Processes	119
	<i>Size-reduction</i>	119
	<i>Separation</i>	120
	<i>Heating Operations</i>	121
	<i>Extraction Processes</i>	122
6.	Pharmaceutical Calculations	124
	<i>Weights and Measures</i>	124
	<i>Calculations in the Preparation of Solutions</i>	125
	<i>Calculation of Doses for Children</i>	128

7. Forensic Pharmacy	132
<i>Schedule C</i>	134
<i>Schedule C1</i>	134
<i>Schedule E</i>	134
<i>Schedule G</i>	135
<i>Schedule H</i>	135
<i>Schedule L</i>	135
<i>Schedule P</i>	135
8. Experimental Pharmacology	136
<i>Drugs Acting on the Eye (Rabbit)</i>	136
<i>Drugs Acting Primarily on CNS</i>	145
<i>CNS Stimulants</i>	146
<i>Action of Acetylcholine, Physostigmine</i> <i>and D-Tubocurarine on Frog Rectus Muscle</i>	149
<i>Cholinergic Drugs</i>	152
9. Doses of Commonly Used Drugs	160
Appendices	186
<i>Appendix-I: Metrology</i>	186
<i>Weights</i>	186
<i>Volume (Fluid Capacity)</i>	186
<i>Useful Equivalents</i>	187
<i>Tips for Dilutions</i>	188
<i>Appendix-II: Latin Words and Abbreviations</i>	189
<i>Latin Words and Abbreviations</i>	189
<i>Names of Some Common Drugs in which</i> <i>English and Latin Names are not Similar</i>	190
<i>Index</i>	<i>191</i>