

CONTENTS.

PART I.

ELEMENTS OF PHARMACY.

Page

Object and division of Pharmacy, - - - xvii

SECTION I.

EPITOME OF CHEMISTRY.

Attraction and Repulsion,	xviii
Gravity. Aggregation,	xix
Affinity,	xx
Sir H. Davy's classification of simple bodies,	xxi
Compound bodies,	xxii
Light,	xxiii
Caloric,	xxiv
Electricity,	xxv
Galvanism,	xxvi
Magnetism,	xxvii
Oxygen,	xxviii
Chlorine,	xxix
Nitrogen, (azote),	xxx
Hydrogen,	xxxi
Carbon,	xxxii
Boron,	xxxiii
Sulphur,	xxxiv
Phosphorus,	xxxv
Iodine,	xxxvi
Fluorine,	xxxvii
Metals, and metallic oxides,	xxxviii
Alkalizable metals,	xxxix
Oxidizable metals,	xl

	Page
Acidifiable metals, - - - -	lv
Compound oxides and acids, - - - -	ib.
Compound oxides, - - - -	lvi
Ternary oxides, - - - -	lvii
Quaternary oxides, - - - -	lxiii
Compound acids, - - - -	lxviii
Ternary acids, - - - -	ib.
Quaternary acids, - - - -	lxxi
Characters of secondary salts derived from their acids, - - - -	ib.
Characters of salts derived from their bases, - - - -	lxxiv

SECTION II.

PHARMACEUTICAL OPERATIONS.

Collection and preservation of simples, - - - -	lxxviii
Mechanical operations of pharmacy, - - - -	lxxxii
Weights and measures, - - - -	ib.
Specific gravity, - - - -	lxxxii
Mechanical division, by pulverization, trituration, levigation, and granulation, - - - -	lxxxiv
Mechanical separation, by sifting, elutriation, decantation, filtration, expression, and despumation, - - - -	lxxxvi
Apparatus, - - - -	lxxxix
Vessels, - - - -	ib.
Lutes, - - - -	xci
Heat and fuel, - - - -	xciii
Furnaces, - - - -	xcv
Chemical operations, - - - -	xcvii
<i>1.</i> Change in the form of aggregation, - - - -	ib.
<i>a.</i> Liquefaction, - - - -	ib.
<i>b.</i> Fusion, - - - -	ib.
<i>c.</i> Vitrification, - - - -	ib.
<i>d.</i> Vaporization, - - - -	xcix
1. Ustulation, - - - -	c
2. Charring, - - - -	ib.
3. Evaporation, - - - -	ci

	Page
Chemical operations,	
4. Concentration,	ci
5. Inspissation,	ib.
6. Exsiccation,	ib.
<i>e.</i> Condensation,	cii
1. Distillation,	ib.
2. Circulation,	civ
3. Rectification,	cviii
4. Sublimation,	ib.
<i>f.</i> Congelation,	ib.
<i>g.</i> Coagulation,	ib.
<i>B.</i> Effecting combination,	cix
<i>a.</i> Solution,	cx
<i>b.</i> Extraction,	cxi
<i>c.</i> Infusion,	cxii
<i>d.</i> Maceration,	ib.
<i>e.</i> Digestion,	ib.
<i>f.</i> Decoction,	ib.
<i>g.</i> Absorption,	ib.
<i>h.</i> Consolidation,	ib.
<i>C.</i> Effecting decomposition,	ib.
<i>a.</i> Dissolution,	cxiii
<i>b.</i> Precipitation,	ib.
<i>c.</i> Crystallization,	cxv
<i>d.</i> Oxygenizement,	cxvii
<i>e.</i> Deflagration,	ib.
<i>f.</i> Disoxygenizement,	cxix
<i>g.</i> Fermentation,	cxx

APPENDIX.

Weights and measures,	cxxv
Tables of specific gravities,	cxl
Formulae for comparing the scales of different thermometers with each other,	cxly

	Page
Table of the thermometric degrees, at which some remarkable chemical phenomena occur,	cxlvii
Table of freezing mixtures,	cl
Tables of simple affinity,	clii
Relative attractions,	clv
Cases of mutual decomposition,	ib.
Cases of disposing affinity,	clvi
Table of incompatible salts,	ib.
Table of the specific heats of equal weights of some bodies compared with water,	clvii
Metallic precipitates,	clviii
Table of the solubility of different substances in water,	clix
Table of the solubility of different substances in alkohol,	clxi
Table of the proportion of oil and suets in various fats,	clxii
Table of the absorption of gases,	clxiii
Table of efflorescent and deliquescent salts,	ib.
Table of the weight of ultimate particles or atoms of bodies,	clxiv
Table of chemical equivalents,	clxx
Composition of some organic bodies,	clxxiii
Pharmaceutical calendar,	clxxiii
Explanation of the plates,	clxxiv

PART II.

MATERIA MEDICA.

General observations,	1
Natural, Medical and Pharmaceutical History of the different Articles contained in the Pharmacopœias of London, Dublin, and Edinburgh, arranged chiefly according to the nomenclature of the Edinburgh College,	2

APPENDIX.

NO. I. Concise account of some substances contained in some of the best foreign Pharmacopœias, but not received into the lists of any of the British Colleges,	277
II. List of animals which furnish articles of the Materia Medica, arranged according to Cuvier's system,	292

	Page
NO. III. List of the genera of medicinal plants, arranged according to the system of Linnæus, - - -	293
IV. List of officinal genera, according to the natural system of Jussieu, improved by Ventenat, - - -	296
V. List of officinal substances belonging to the mineral kingdom, - - -	300

PART III.

PREPARATIONS AND COMPOSITIONS.

CHAP. I. Sulphur, - - -	301
II. Acids, - - -	307
III. Alkalies and alkaline salts, - - -	331
IV. Earths, and earthy salts, - - -	372
V. Antimony, - - -	388
VI. Silver, - - -	407
VII. Arsenic, - - -	410
VIII. Copper, - - -	411
IX. Iron, - - -	414
X. Mercury, - - -	422
XI. Lead, - - -	453
XII. Tin, - - -	457
XIII. Zinc, - - -	ib.
XIV. Alcohol, ether, and ethereal spirits, - - -	463
XV. Drying of flowers and herbs, - - -	475
XVI. Expressed juices, - - -	477
XVII. Inspissated juices, - - -	480
XVIII. Fixed oils, - - -	485
XIX. Oily preparations, - - -	487
XX. Volatile oils, - - -	490
XXI. Distilled waters, - - -	499
XXII. Empyreumatic volatile oils, - - -	503
XXIII. Distilled spirits, - - -	505
XXIV. Infusions, - - -	512
XXV. Decoctions, - - -	521
XXVI. Mucilages, - - -	531

	Page
CHAP. XXVII. Syrups,	533
XXVIII. Medicated honeys,	546
XXIX. Emulsions and mixtures,	549
XXX. Medicated vinegars,	555
XXXI. Tinctures,	558
XXXII. Tinctures made with ethereal spirits,	583
XXXIII. Ammoniated or volatile tinctures,	585
XXXIV. Medicated wines,	587
XXXV. Extracts and resins,	591
XXXVI. Powders,	605
XXXVII. Conserves, electuaries and confections,	612
XXXVIII. Troches,	622
XXXIX. Pills,	624
XL. Cataplasms,	633
XLI. Liniments, ointments, cerates, and plasters,	634

TABLES, shewing the proportion of antimony, opium and mercury, contained in different compositions,	663
Posological and prosodial table,	667
Table of synonymes,	683
English index,	711
Latin index,	729

DIRECTIONS FOR PLACING THE PLATES.

PLATE I. page clxxiv

II. ib.

III. clxxv

IV. clxxvi

V. clxxviii