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AIDS TO  
MATERIA MEDICA



A. E. COLLIE

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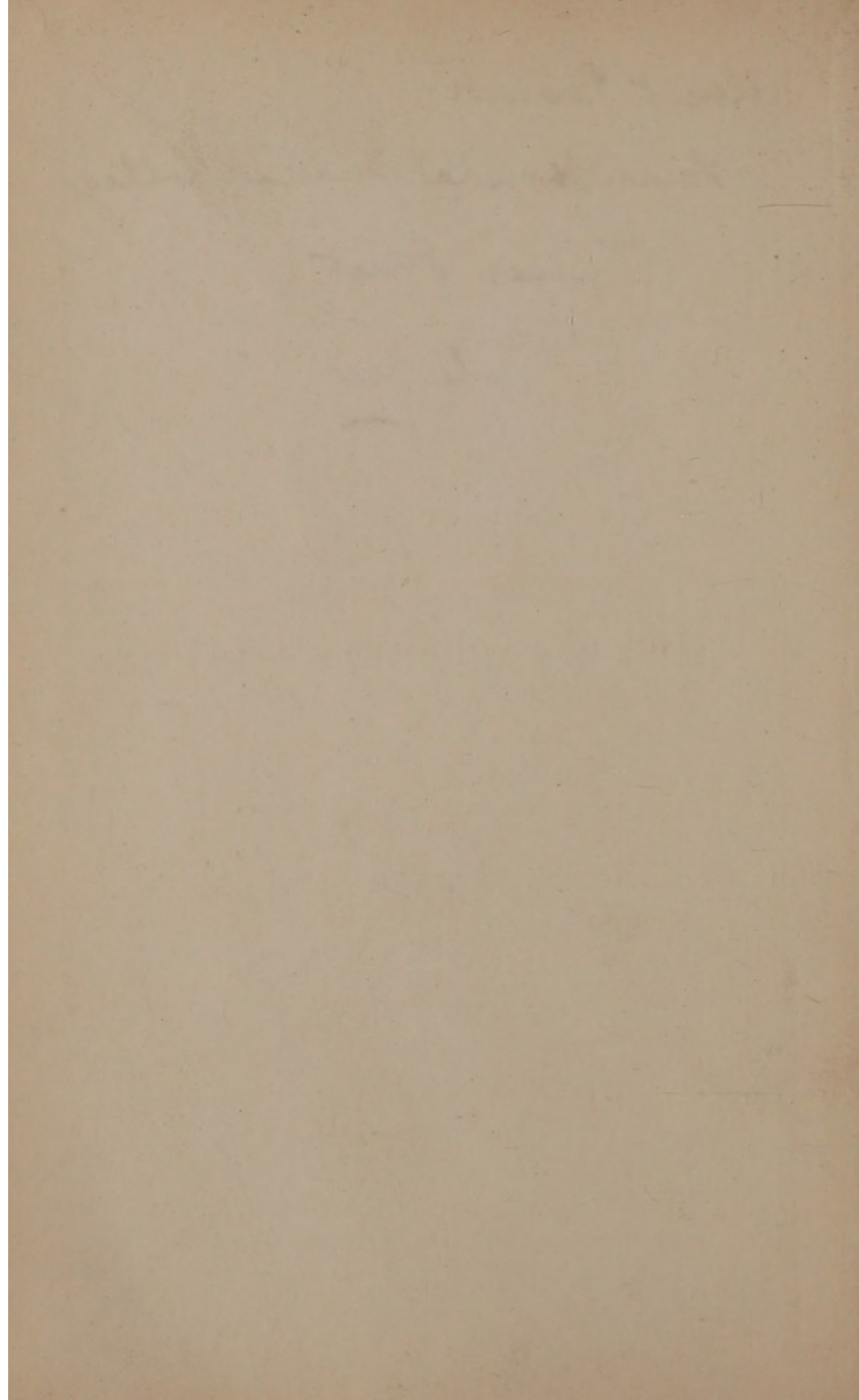


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Albert Peacock,  
London Hospital Medical College,  
Turner Street,  
Nucle End,  
✓

AIDS TO MATERIA MEDICA



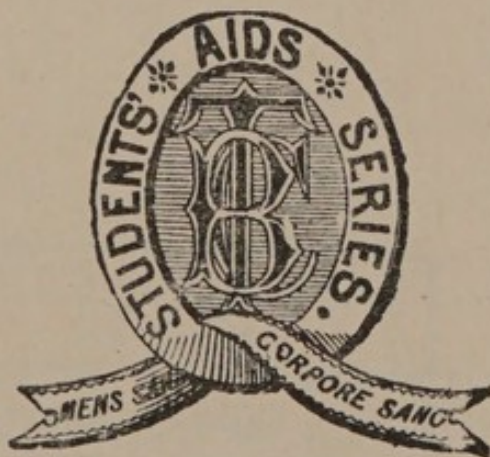


# AIDS TO MATERIA MEDICA

BY

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1919



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Experience is by industry achieved,  
And perfected by the swift course of time.

*The Two Gentlemen of Verona.*

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## PREFACE TO THE FIRST EDITION

It is hoped that the following work may be useful to candidates reading for the various Pharmacy examinations required for the medical diplomas of England, Scotland, and Ireland. It consists of amplifications of notes and mnemonics which I made for my own use when a medical student.

Unless a student of Medicine has behind him a long period of clinical training, such as the present medical curriculum does not afford, it is a difficult task to commit to memory the amount of knowledge required to write prescriptions readily without frequent reference to a pharmacopœia.

The rhymes and tips are, therefore, an attempt to provide a few pegs upon which to hang the student's knowledge of the preparations and doses of the drugs included in the several Materia Medica Schedules.

Only to those drugs which possess more than the usual number of preparations have rhymes been added. The doses, strengths, and preparations are those of the new British Pharmacopœia (1914), and both Imperial and Metric systems of dosage have been adopted throughout.



These "Aids" are intended for the use of candidates for the following Examining Bodies :

Conjoint Board in England.

Conjoint Board of Scotland.

Conjoint Board in Ireland.

Society of Apothecaries of London.

Apothecaries Hall of Ireland.

The main portion of the book is based upon the Schedule of the Conjoint Board in England. The remaining sections deal with the requirements of the other Examining Bodies, attention being directed to the presence of drugs contained in their Schedules, or their absence, as compared with those in the Schedule of the Conjoint Board in England.

I am indebted to Hale White's "Materia Medica" and Bennett's "Materia Medica and Pharmacy" for much valuable help in compiling this volume.

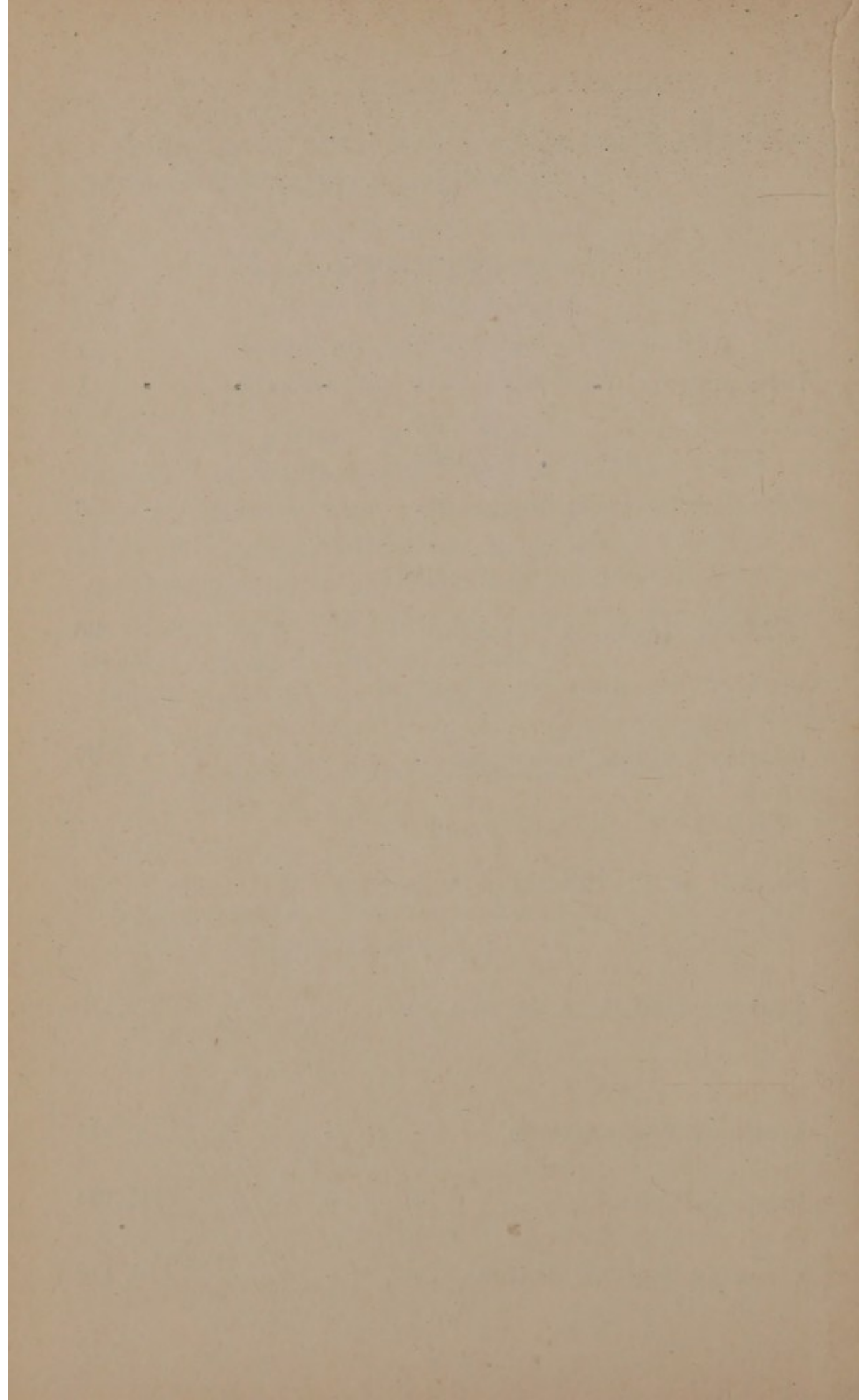
A. E. COLLIE.

NEW OXFORD AND CAMBRIDGE CLUB,  
*July, 1919.*

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# AIDS TO MATERIA MEDICA

## INTRODUCTION

A SHORT explanation of how to memorise the maximum amount of the contents of this book in a minimum space of time may be of use.

I have presented the matter from different points of view, thus giving the reader a better opportunity of committing to memory a subject which, if merely "crammed" for the purpose of passing an examination, might prove a dull task.

Each type of mind approaches the study of Pharmacy from its own peculiar standpoint. Thus, one student may find that he can more easily retain in his memory the doses of the drugs and preparations if classified according to similar dosage (see p. 88), while another feels that it is easier to attain his object by learning separately each drug in conjunction with its preparations and their doses. For those who seek help from rhymes, such additional aid is to be found in the section arranged in this way (see p. 22).

The plan adopted in pages 70 to 87 may appeal to another class of student. Here mnemonics and tips,



which aim at an analysis of the doses, may be found useful.

It is suggested that a definite method of attacking the subject should be decided upon before study is begun, because the absence of a preconceived plan is detrimental to the rapid and at the same time thorough acquirement of knowledge.

It will be found that the most satisfactory method is to learn separately each drug in conjunction with its preparations and their doses, and when a working knowledge of these is attained, to consolidate the facts by frequent references to the other sections of Part I., where attention is drawn to a drug or preparation in its relation to others of similar or different dosage.

As a guide to the practical part of the Pharmacy examinations, alphabetical lists of the roots, leaves, powders, crystals, etc., which must be recognised at sight, have been given.

The information contained in Part I. will be found sufficient for most other medical examinations in Pharmacy. Where, however, the Schedules differ somewhat, the variations have been noted, the chief of which lie between that of the Conjoint Board in England and the Society of Apothecaries of London.

PART I  
CONJOINT BOARD IN ENGLAND  
CONTENTS

Official Schedule.

Agents, arranged Alphabetically and grouped according to their Therapeutic Uses, with Explanations of the Therapeutic Terms and their Derivations.

Potent Drugs, and the Most Important Alkaloids which they contain.

Roots, Seeds, Leaves, Barks, and Gums to be recognised.

Liquids to be recognised.

Powders to be recognised.

Crystalline Bodies to be recognised.

Tables of Weights and Measures, Imperial and Metric.

Rules for Calculating Doses for Children.

Drugs, with their Doses, Strengths, and Modes of Administration, and Preparations, with their Doses and Strengths, in the Imperial and Metric Systems, including their Synonyms, and Rhymes and Mnemonics by which the Preparations may be learnt.

Preparations arranged Alphabetically and in Order of Ascending Magnitude of the Doses, with Notes and Tips by which they may be learnt.

Drugs and Preparations arranged according to Similar Dosage.



*The Official Regulations state that Candidates must produce evidence of having attended a course of Lectures on Pharmacology and Therapeutics during not less than three months. The length of the period of instruction in Practical Pharmacy is not stated.*

## OFFICIAL SCHEDULE

(REVISED JUNE 8, 1915)

- a.* The general nature and composition, and the most important physical and chemical characters, of the Pharmacopœial drugs named in the annexed Schedule.
- b.* The composition of the Pharmacopœial preparations of these drugs, and the processes employed in making them.
- c.* The doses of these drugs and of their preparations.
- d.* Candidates will be required to recognise the drugs indicated by *italics* in the annexed Schedule.

## SCHEDULE OF DRUGS

Liquor Sodæ Chlorinatæ.

Ammonii Bromidum; *Potassii Bromidum*; Sodii Bromidum.

*Iodum*; *Potassii Iodidum*; Sodii Iodidum; Plumbi Iodidum.

*Sulphur Sublimatum*; *Sulphur Præcipitatum*; Calx Sulphurata; Potassa Sulphurata.

*Phosphorus*; Sodii Phosphas; Sodii Phosphas Acidus; Ferri Phosphas Saccharatus.

Acidum Hydrochloricum; Acidum Nitricum; Acidum Sulphuricum.

Acidum Aceticum; Acidum Citricum; Acidum Tartaricum.  
Acidum Boricum.

*Acidum Hydrocyanicum Dilutum.*

Liquor Ammoniae; Liquor Potassae; Potassa Caustica.

*Ammonii Carbonas; Ammonii Chloridum; Liquor Ammonii Acetatis.*

Potassii Bicarbonas; Potassii Sulphas; Potassii Chloras;  
Potassii Tartras Acidus; *Potassii Permanganas.*

Sodii Bicarbonas; Sodii Sulphas; Sodii Nitris; Borax Purificatus.

Calcii Hydras; Creta Præparata; Calcii Carbonas Præcipitatus; Calcii Lactas.

Magnesia; Magnesii Carbonas; *Magnesii Sulphas.*

*Alumen Purificatum.*

Zinci Oxidum; Zinci Chloridum; *Zinci Sulphas.*

*Cupri Sulphas.*

Argenti Nitras.

*Hydrargyrum; Hydrargyri Oxidum Flavum; Hydrargyri Oxidum Rubrum; Hydrargyri Subchloridum; Hydrargyri Perchloridum; Hydrargyri Iodidum Rubrum; Hydrargyrum Ammoniatum; Hydrargyri Oleas.*

*Plumbi Oxidum; Plumbi Acetas; Liquor Plumbi Subacetatis Fortis.*

Antimonium Tartaratum.

*Acidum Arseniosum; Sodii Arsenas; Arsenii Iodidum; Liquor Arsenii et Hydrargyri Iodidi.*

Bismuthi Subnitras; Bismuthi Carbonas; Bismuthi Salicylas.



*Ferri Sulphas*; *Ferri Sulphas Exsiccatus*; *Ferri Carbonas Saccharatus*; *Syrupus Ferri Iodidi*; *Liquor Ferri Acetatis*<sup>1</sup>; *Liquor Ferri Perchloridi*; *Ferri et Ammonii Citras*; *Ferri et Quininæ Citras*; *Ferrum Tartaratum*; *Ferrum Redactum*.

*Alcohol Absolutum*; *Spiritus Rectificatus*; *Æther*; *Chloroformum*; *Iodoformum*.

*Chloral Hydras*; *Paraldehydum*; *Sulphonal*; *Methyl Sulphonal*; *Chloral Formamidum*; *Barbitonum*.

*Amyl Nitris*; *Tabellæ Trinitrini*; *Liquor Trinitrini*; *Spiritus Ætheris Nitrosi*.

*Acetanilidum*; *Phenacetinum*; *Phenazonum*; *Hexamina*; *Liquor Formaldehydi*.

*Collodium*.

*Creosotum*; *Acidum Carbolicum*; *Acidum Salicylicum*; *Sodii Salicylas*; *Salicinum*; *Methyl Salicylas*; *Salol*; *Cresol*; *Guaiacol Carbonas*.

*Aconiti Radix*; *Aconitina*.

*Opium*; *Morphinæ Hydrochloridum*; *Morphinæ Acetas*; *Morphinæ Tartras*; *Apomorphinæ Hydrochloridum*;  $\frac{1}{4}$  *Codeina*;  $\frac{1}{8}$  *Codeinæ Phosphas*; *Diamorphinæ Hydrochloridum*.

*Cocaina*; *Cocainæ Hydrochloridum*; *Benzaminæ Lactas*.

*Pilocarpinæ Nitras*.

*Quassia Lignum*; *Calumbæ Radix*; *Gentianæ Radix*.

*Physostigminæ Sulphas*.

*Caffeina*; *Caffeinæ Citras*; *Theobrominæ et Sodii Salicylas*.

*Asafetida*; *Ammoniacum*; *Myrrha*; *Guaiaci Resina*.

*Cinchonæ Rubræ Cortex*; *Quininæ Sulphas*; *Quininæ Hydrochloridum*; *Quininæ Hydrochloridum Acidum*.

<sup>1</sup> *Liquor Ferri Acetatis*, although mentioned in the Schedule, does not appear in the British Pharmacopœia, 1914.

*Ipecacuanhæ Radix ; Senegæ Radix.*

*Glycerinum.*

*Nux Vomica ; Strychnina ; Strychninæ Hydrochloridum.*

*Belladonnæ Radix ; Belladonnæ Folia ; Atropina ; Atropinæ Sulphas ; Hyoscyami Folia ; Hyoscinæ Hydrobromidum ; Hyoscyaminæ Sulphas ; Stramonii Folia ; Homatropinæ Hydrobromidum.*

*Cannabis Indica.*

*Digitalis Folia ; Strophanthi Semina.*

*Oleum Ricini ; Oleum Crotonis ; Aloe ; Aloinum ; Cascara Sagrada ; Colocynthis Pulpa ; Jalapa ; Podophylli Rhizoma ; Phenolphthaleinum ; Rhei Radix ; Sennæ Folia ; Sennæ Fructus ; Camphora ; Oleum Terebinthinæ ; Oleum Menthæ Piperitæ.*

*Acidum Tannicum ; Kino ; Catechu ; Hamamelidis Cortex ; Hamamelidis Folia.*

*Acidum Benzoicum.*

*Copaiba. Oleum Santali.*

*Colchici Cormus ; Colchici Semina.*

*Scilla.*

*Filix Mas. Santoninum. Thymol.*

*Ergota.*

*Oleum Morrhuæ.*

*Cantharidinum.*

*Thyroideum Siccum.*

*Adrenalinum.*



## AGENTS, ARRANGED ALPHABETICALLY AND GROUPED ACCORDING TO THEIR THERAPEUTIC USES

### ALTERATIVES.

Lat. Alterans =  
alterative.

(a) Vegetable  
Alteratives.

(b) Inorganic  
Alteratives.

(c) Organic Alter-  
atives.

*Agents which alter nutrition, re-  
storing the normal functions of an  
organ or system.*

Colchicum Corm.

Colchicum Seeds.

Guaiacum Resin.

Ammoniated Mercury.

Anhydrous Sodium Arsenate.

Arsenious Anhydride.

Arsenious Iodide.

Calcium Lactate.

Lead Iodide.

Mercury.

Mercuric Chloride.

Mercurous Chloride.

Oleated Mercury.

Phosphorus.

Potassium Iodide.

Precipitated Sulphur.

Red Mercuric Iodide.

Red Mercuric Oxide.

Sodium Iodide.

Sublimed Sulphur.

Yellow Mercuric Oxide.

Cod Liver Oil.

Dry Thyroid.

**ANÆSTHETICS.**

Gk. ἀνασθησία.

Ana-isthēsia =  
want of feeling.*The volatile group of Anæsthetics produces unconsciousness, insensibility to pain or touch, and diminished muscular action. The non-volatile group produces absence of sensation when locally applied to an organ or tissue.*

(a) Volatile.

Chloroform.

Ethyl Chloride.

Purified Ether.

(b) Non-volatile.

Benzamine Lactate.

Cocaine.

Cocaine Hydrochloride.

**ANTACIDS.**Lat. Anti =  
against.

Acidus = acid.

*Agents which neutralise acidity.*

Calcium Hydroxide.

Heavy Magnesia.

Heavy Magnesium Carbonate.

Light Magnesia.

Light Magnesium Carbonate.

Precipitated Chalk.

Prepared Chalk.

Sodium Bicarbonate.

**ANTHELMINTICS.**Lat. Anti =  
against.

Gk. ἑλμινς.

Helmins = a  
worm.*Agents which kill intestinal worms or cause their expulsion.*

Male Fern.

Santonin.

**ANTIPERIODICS.**Lat. Anti =  
against.

Gk. περίοδος.

Periodos = a  
going round.*Agents which prevent the periodic return of fevers.*

Acid Quinine Hydrochloride.

Quinine Hydrochloride.

Quinine Sulphate.

Red Cinchona Bark.



**ANTIPYRETICS.**

Lat. Anti =  
against.

Gk. πυρετός.

Puretos = fever.

*Agents which reduce the body temperature.*

Acetanilide.

Methyl Salicylate.

Salicin.

Salicylic Acid.

Salol.

Sodium Salicylate.

Phenacetin.

Phenazone.

**ASTRINGENTS.**

Lat. Astringere =  
to contract.

*Agents which contract the tissues by diminishing the size of bloodvessels, or by precipitating proteins. They prevent hæmorrhage and reduce secretions.*

(a) Vegetable Astringents.

Catechu.

Hamamelis Bark.

Hamamelis Leaves.

Kino.

Tannic Acid.

(b) Mineral Astringents.

Bismuth Oxycarbonate.

Bismuth Oxynitrate.

Bismuth Salicylate.

Copper Sulphate.

Lead Acetate.

Lead Oxide.

Purified Alum.

Silver Nitrate.

Zinc Chloride.

Zinc Oxide.

Zinc Sulphate.

**BITTERS.**

Angl.-Sax. Bitan  
= to bite.

*Agents which stimulate the gastrointestinal tract.*

Calumba Root.

**BITTERS—***Continued.***CARDIAC****DEPRESSANTS.**

Lat. Cardia = the  
heart.

Deprimere = to  
depress.

**CARDIAC****STIMULANTS.**

Lat. Cardia = the  
heart.

Stimulus = a  
goad.

**CARMINATIVES.**

Lat. Carminare  
= to card, hence  
to cleanse.

(a) Volatile Oils.

(b) Used in hys-  
teria.

**CATHARTICS.**

Gk. καθάρειν.

Kathîrein = to  
purge.

(a) Simple Pur-  
gatives.

Gentian Root.

Quassia Wood.

*Agents which lower the arterial blood  
pressure.*

Aconite Root.

Aconitine.

Antimony Tartrate.

Dilute Hydrocyanic Acid.

*Agents which raise the arterial blood  
pressure.*

Adrenalin.

Chloroform.

Digitalis Leaves.

Ether.

Rectified Spirit.

Strophanthus Seeds.

*Agents which expel flatus from the  
alimentary canal.*

Oil of Peppermint.

Thymol.

Asafetida.

*Agents which evacuate the bowels.*

Aloes.

Aloin.

Cascara Sagrada.

Castor Oil.

Phenolphthalein.



**CATHARTICS—***Continued.**(b) Drastic Purgatives.**(c) Saline Purgatives.*

Rhubarb.

Senna Leaves.

Senna Pods.

Colocynth Pulp.

Croton Oil.

Jalap.

Podophyllum Rhizome.

Acid Potassium Tartrate.

Magnesium Sulphate.

Potassium Sulphate.

Sodium Phosphate.

Sodium Sulphate.

**CAUSTICS.**Lat. Causticum =  
caustic.*Agents which destroy tissues.*

Caustic Potash.

**COUNTER-  
IRRITANTS.**Lat. Contra =  
against.Irritare = to irri-  
tate.*Agents which cause superficial in-  
flammation in order to produce  
relief of deep-seated pain and in-  
flammation.*

Camphor.

Cantharidin.

Iodine.

Rectified Oil of Turpentine.

Strong Solution of Ammonia.

**DELIRIFACIENTS.**Lat. Delirium =  
madness.Facere = to pro-  
duce.*Agents which excite the brain cells.*

Atropine.

Atropine Sulphate.

Belladonna Leaves.

Belladonna Root.

Cannabis Indica.

Homatropine Hydrobromide.

Hyosciamine Sulphate.

Hyoscine Hydrobromide.

Hyoscyamus Leaves.

**DEPRESSO-  
MOTORS.**

Lat. Deprimere  
= to depress.

M o v e r e = t o  
move.

*Agents which diminish the activity of  
the motor apparatus.*

Ammonium Bromide.

Amyl Nitrite.

Liquor Trinitrini.

Physostigmine Sulphate.

Potassium Bromide.

Sodium Bromide.

Sodium Nitrite.

Tabellæ Trinitrini.

**DIAPHORETICS.**

Gk. διά.

Dia = through.

φορέιν.

P h o r e i n = t o  
carry.

*Agents which cause an increase of  
perspiration.*

Ammonium Chloride.

Pilocarpine Nitrate.

Spirit of Nitrous Ether.

Solution of Ammonium Acetate.

**DIURETICS.**

Gk. διά.

Dia = through.

οὐρέιν.

Ourein = to uri-  
nate.

(a) Vegetable  
Diuretics.

*Agents which increase the secretion  
of urine.*

Caffeine.

Copaiba.

Oil of Sandal Wood.

Theobromine and Sodium Salicylate.

Acid Sodium Phosphate.

Hexamine.

Potassium Bicarbonate.

(b) Mineral Diu-  
retics.

**ECBOLICS.**

Gk. ἐκβολή.

E k b o l e e = a  
throwing out.

*Agents which accelerate labour by  
contracting the uterus.*

Ergot.



**EMOLLIENTS.**

Lat. Emollire =  
to soften.

*Agents which soften the tissues.*  
Glycerine.

**EXCITO-MOTORS.**

Lat. Excitare =  
to rouse.

M o v e r e = t o  
move.

*Agents which increase the activity of  
the motor apparatus.*

Nux Vomica.

Strychnine.

Strychnine Hydrochloride.

**EXPECTORANTS.**

Lat. Ex = out.

P e c t u s = t h e  
breast.

*Agents which favour the secretions  
of the bronchi and aid in their  
expulsion.*

(a) Drugs con-  
taining Alka-  
loids or Gluco-  
sides.

Ipecacuanha Root.

Senega Root.

Squills.

(b) Aromatic Ex-  
pectorants.

Ammoniacum.

Ammonium Carbonate.

Benzoic Acid.

Myrrh.

**FLAVOURING  
AGENTS.**

*Agents which are incorporated with  
nauseous medicines in order to  
render them pleasant to the taste.*

Citric Acid.

Tartaric Acid.

**GERMICIDES AND  
ANTISEPTICS.**

Lat. Germen =  
sprig, or off-  
shoot.

Cædere = to kill.

Anti = against.

Gk.  $\sigma\eta\psi\iota\varsigma$ .

Sepsis = putre-  
faction.

*Agents which destroy germs (germi-  
cides) and which prevent the  
growth of putrefactive bacteria  
(antiseptics).*

**GERMICIDES AND  
ANTISEPTICS.***Continued.*

(a) Tar Products.

Creosote.

Cresol.

Guaiacol Carbonate.

Phenol (Carbolic Acid).

(b) Inorganic  
Antiseptics.

Boric Acid.

Iodoform.

Liquor Sodæ Chlorinatæ.

Potassium Chlorate.

Potassium Permanganate.

Purified Borax.

Solution of Formaldehyde.

**PARASITICIDES.**

Gk. παρά.

Pără = beside.

σίτος.

Sītos = food.

Lat. Cædere = to  
kill.*Agents which destroy parasites living  
upon or in the skin.*

Sulphurated Lime.

Sulphurated Potash.

**SOMNIFACIENTS.**Lat. Somnus =  
sleep.F a c e r e = t o  
make.(a) Opium and  
its Derivatives.*Agents which produce sleep.*

Opium.

Apomorphine Hydrochloride.

Codeine.

Codeine Phosphate.

Diamorphine Hydrochloride.

Morphine Acetate.

Morphine Hydrochloride.

Morphine Tartrate.



**SOMNIFACIENTS—***Continued.*(b) Synthetic  
Hypnotics.

Barbitone.  
 Chloral Formamide.  
 Chloral Hydrate.  
 Methylsulphonal.  
 Paraldehyde.  
 Sulphonal.

**SUBSTANCES  
 USED FOR  
 THEIR PHYSICAL  
 ACTION.**

Collodium.

**TONICS.**

Eng. Tone.

*Agents which impart tone to the  
 functions of the body by improving  
 the quality of the blood.*

Acetic Acid.  
 Exsiccated Ferrous Sulphate.  
 Ferrous Sulphate.  
 Hydrochloric Acid.  
 Iron.  
 Iron and Ammonium Citrate.  
 Iron and Potassium Tartrate.  
 Iron and Quinine Citrate.  
 Nitric Acid.  
 Reduced Iron.  
 Saccharated Iron Carbonate.  
 Saccharated Iron Phosphate.  
 Sulphuric Acid.

# POTENT DRUGS AND THE MOST IMPORTANT ALKALOIDS WHICH THEY CONTAIN

| <i>Potent Drugs.</i>    | <i>Alkaloids.</i>  |
|-------------------------|--|
| Aconite.                | Aconitine, Picroaconitine, Aconine.                                      |
| Belladonna Folia.       | Hyoscyamine, Atropine.   |
| Belladonna Radix.       | Hyoscyamine, Atropine.   |
| Cinchona.               | Quinine, Cinchonidine, Cinchonine,<br>Quinidine.                         |
| Hyoscyami.              | Hyoscyamine, Atropine, Hyoscine.   |
| Ipecacuanhæ Radix.      | Emetine, Cephaëline, Psychotrine.  |
| Nux Vomica.             | Strychnine, Brucine.   |
| Opium.                  | Morphine, 4-18 per cent. by weight<br>of the dried drug.                 |
|                         | Narcotine, 2-8 per cent. by weight<br>of the dried drug.                 |
|                         | Codeine, 0·3-2 per cent. by weight<br>of the dried drug.                 |
|                         | Remainder 1 per cent., including<br>Thebaine, Narceine, Papav-<br>erine. |
| Arsenic.                | —  |
| Atropine.               | —  |
| Cantharides.            | —  |
| Cocaine.                | —  |
| Hydrocyanic Acid.       | —  |
| Iodine.                 | —  |
| Jalap.                  | —  |
| Mercury.                | —  |
| Morphine.               | —  |
| Phenol (Carbolic Acid). | —  |
| Phosphorus.             | —  |
| Strychnine.             | —  |
| Trinitrini.             | —  |



## ROOTS, SEEDS, LEAVES, BARKS, AND GUMS TO BE RECOGNISED

|                        |                     |
|------------------------|---------------------|
| Aconiti Radix.         | Guaiiaci Resina.    |
| Aloe.                  | Ipecacuanhæ Radix.  |
| Ammoniacum.            | Jalapa.             |
| Asafetida.             | Kino.               |
| Belladonnæ Radix.      | Myrrha.             |
| Calumbæ Radix.         | Nux Vomica.         |
| Cannabis Indica.       | Opium.              |
| Catechu.               | Quassiæ Lignum.     |
| Cinchonæ Rubræ Cortex. | Rhei Rhizoma.       |
| Colchici Cormus.       | Scilla.             |
| Colocynthis Pulpa.     | Senegæ Radix.       |
| Digitalis Folia.       | Sennæ Folia.        |
| Ergota.                | Sennæ Fructus.      |
| Filix Mas.             | Strophanthi Semina. |
| Gentianæ Radix.        |                     |

## LIQUIDS TO BE RECOGNISED

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Acidum Hydrocyanicum<br>Dilutum. | Oleum Santali.                        |
| Æther.                           | Oleum Terebinthinæ Recti-<br>ficatum. |
| Chloroformum.                    | Paraldehydum.                         |
| Copaiba.                         | Spiritus Ætheris Nitrosi.             |
| Creosotum.                       | Spiritus Rectificatus.                |
| Glycerinum.                      |                                       |
| Hydrargyrum.                     |                                       |
| Oleum Menthæ Piperitæ.           |                                       |
| Oleum Morrhuæ.                   |                                       |
|                                  | <i>Solids.</i>                        |
|                                  | Phosphorus.                           |

## POWDERS TO BE RECOGNISED

|                             |                           |
|-----------------------------|---------------------------|
| Acidum Arseniosum.          | Hydrargyri Oxidum Flavum. |
| Acidum Tannicum.            | Hydrargyri Oxidum Rubrum. |
| Aloinum.                    | Hydrargyri Perchloridum.  |
| Ferri Carbonas Saccharatus. | Hydrargyri Subchloridum.  |
| Ferrum Redactum.            | Plumbi Oxidum.            |
| Hydrargyri Iodidum Rubrum.  | Sulphur Præcipitatum.     |
|                             | Sulphur Sublimatum.       |

## CRYSTALLINE BODIES TO BE RECOGNISED

|                            |                       |
|----------------------------|-----------------------|
| Acidum Benzoicum.          | Iodoformum.           |
| Acidum Carbolicum.         | Iodum.                |
| Acidum Salicylicum.        | Magnesii Sulphas.     |
| Alumen Purificatum.        | Plumbi Acetas.        |
| Ammonii Carbonas.          | Potassii Bromidum.    |
| Ammonii Chloridum.         | Potassii Iodidum.     |
| Camphora.                  | Potassii Permanganas. |
| Chloral Hydras.            | Quininæ Sulphas.      |
| Cupri Sulphas.             | Santoninum.           |
| Ferri et Ammonii Citras.   | Strychnina.           |
| Ferri et Potassii Tartras. | Thymol.               |
| Ferri et Quininæ Citras.   | Zinci Sulphas.        |
| Ferri Sulphas.             |                       |



## WEIGHTS AND MEASURES

## THE IMPERIAL SYSTEM

## MEASURES OF MASS.

|                             |                 |
|-----------------------------|-----------------|
| 1 grain (gr.)               | —               |
| 1 scruple (℥)               | = 20 grains.    |
| 1 drachm (ʒ)                | = 60 grains.    |
| 1 ounce (Avoirdupois) (oz.) | = 437·5 grains. |
| 1 ounce (Apothecaries') (ʒ) | = 480 grains.   |
| 1 pound (Avoirdupois) (lb.) | = 7000 grains.  |

## MEASURES OF CAPACITY.

|                    |                    |
|--------------------|--------------------|
| 1 minim (℥)        | —                  |
| 1 fluid drachm (ʒ) | = 60 minims.       |
| 1 fluid ounce (ʒ)  | = 8 fluid drachms. |
| 1 pint (O)         | = 20 fluid ounces. |

## THE METRIC SYSTEM

## MEASURES OF MASS.

|                   |   |                |   |                |
|-------------------|---|----------------|---|----------------|
| 1 milligram (mg.) | = | 0·001 gramme   | = | 0·015 grain.   |
| 1 centigram (cg.) | = | 0·01 gramme    | = | 0·154 grain.   |
| 1 decigram (dg.)  | = | 0·1 gramme     | = | 1·543 grain.   |
| 1 gramme (gm.)    | = | 1·0 gramme     | = | 15·432 grains. |
| 1 kilogram (kg.)  | = | 1000·0 grammes | = | 2·2046 pounds. |

## MEASURES OF CAPACITY.

|                           |   |              |   |                       |
|---------------------------|---|--------------|---|-----------------------|
| 1 centimil (cl.)          | = | 0·01 mil     | = | 0·1689 minims.        |
| 1 decimil (dl.)           | = | 0·1 mil      | = | 1·6894 minims.        |
| 1 millilitre or mil (ml.) | = | 1·0 mil      | = | 16·8941 minims.       |
| 1 litre (lit.)            | = | 1000·0 mils. | = | 35·1960 fluid ounces. |

NOTE.—To convert grammes to grains, multiply by 154 and cancel last figure. To convert grains to grammes, multiply by 65 and cancel last three figures.

## RULES FOR CALCULATING DOSES FOR CHILDREN

## 1. BRUNTON'S RULE.

Divide the age of the patient next birthday by 25. *E.g.:*

For a child who will be 10 next birthday  
 $= \frac{10}{25} = \frac{2}{5}$  of the dose for an adult.

## 2. COWLING'S RULE.

Divide the age of the patient next birthday by 24. *E.g.:*

For a child who will be 4 next birthday  
 $= \frac{4}{24} = \frac{1}{6}$  of the dose for an adult.

## 3. YOUNG'S RULE.

If the child is under 12 years of age, add 12 to its age, and then divide its age by the number thus obtained. *E.g.:*

For a child who is 6 years of age

$$= \frac{6}{6+12} = \frac{6}{18} = \frac{1}{3} \text{ of the dose for an adult.}$$



## DRUGS AND PREPARATIONS, WITH

NOTE.—*Only the strengths of the Potent Drugs (see p. 17)*

| Substance.   | Imperial Dose.                      | Metric Dose. | Strength per Cent.  |
|--------------|-------------------------------------|--------------|---|
| Opium ... .. | $\frac{1}{2}$ -2 gr. pill or tablet | 3-12 cgms.   | 10·0 of Morphine  |
|              |                                     |              | <p>“Nepenthe”<br/> is <math>\frac{2}{3}</math> as strong<br/> as “Laudanum”<br/> “Black Drop”<br/> is 3 times<br/> as strong as<br/> “Laudanum”</p> |

## DOSES, RHYMES, AND MNEMONICS

*and their Preparations are required for the Examination.*

| Preparations.   | Imperial Dose.       | Metric Dose. | Strength per Cent.       |
|---|----------------------|--------------|--------------------------|
| 17 PREPARATIONS.  |                      |              |                          |
| <i>Four Pills, four Powders,<br/>and Extracts two,<br/>Stick to the rhyme, it will<br/>help you through.<br/>Tinctures three, Supposi-<br/>toria one,<br/>Linimentum, two Oint-<br/>ments, the Preps. are<br/>done.</i> |                      |              |                          |
| Pilula Plumbi cum Opio  | 2-4 gr.              | 12-25 cgms.  | 12·0 of Opium            |
| Pilula Saponis Co.<br>("Soap Pill")   | 2-4 gr.              | 12-25 cgms.  | 20·0 of Opium            |
| Pilula Ipecacuanhæ cum<br>Scilla  | 4-8 gr.              | 25-50 cgms.  | 5·0 of Opium             |
| Pilula Ipecacuanhæ cum<br>Urginea   | 4-8 gr.              | 25-50 cgms.  | 5·0 of Opium             |
| I. Pulvis Ipecacuanhæ<br>Co. ("Dover's<br>Powder")  | 5-15 gr.             | 3-10 dgms.   | 10·0 Ipecacuanha<br>Root |
| O. Pulvis Opii Co.  |                      |              | 10·0 Opium               |
| K. Pulvis Kino Co.  | 5-20 gr.             | 3-12 dgms.   | 5·0 of Opium             |
| C. Pulvis Cretæ Aro-<br>maticus cum Opio  | 10-60 gr.            | 6-40 dgms.   | 2·5 of Opium             |
| Extractum Opii Siccum   | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | 20·0 of Morphine         |
| Extractum Opii Liqui-<br>dum  | 5-30 min.            | 3-18 dmls.   | 0·75 of Morphine         |
| Tinctura Opii ("Lauda-<br>num")   | 5-15 min.            | 3-10 dmls.   | 1·0 of Morphine          |
|   | (rep.)               | (rep.)       |                          |
|   | 20-30 min.           | 12-18 dmls.  |                          |
|   | (sing.)              | (sing.)      |                          |
| Tinctura Opii Ammoni-<br>ata  | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 0·1 of Morphine          |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                          | Imperial Dose.  | Metric Dose. | Strength per Cent. |
|-------------------------------------|---|--------------|--------------------|
| <b>Opium—continued</b>              |   |              |                    |
| Belladonna Folia                    | —   | —            | 0·30 of Alkaloids  |
| Belladonnæ<br>Radix                 | —   | —            | 0·5 of Alkaloids   |
| Stramonii Folia                     | —   | —            | 0·2 of Alkaloids   |
| Hyoscyami Folia<br>(Henbane Leaves) | —   | —            | 0·1 of Alkaloids   |
| Atropina ... ..                     | $\frac{1}{200}$ – $\frac{1}{100}$ gr. pill                        | 0·3–0·6 mgm. | —                  |
| Atropinæ Sulphas                    | $\frac{1}{200}$ – $\frac{1}{100}$ gr. pill or<br>aqueous solution | 0·3–0·6 mgm. | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                                 | Imperial Dose.        | Metric Dose. | Strength per Cent.   |
|---|-----------------------|--------------|--|
| Tinctura Camphoræ Co.<br>("Paregoric Elixir") | $\frac{1}{2}$ -1 dr.  | 2-4 mils.    | 0.05 of Morphine   |
| Suppositoria Plumbi Co.                       | —                     | —            | $\left\{ \begin{array}{l} 0.2 \\ \text{gm.} \end{array} \right\}$ of Lead<br>$\left\{ \begin{array}{l} 3 \\ \text{gr.} \end{array} \right\}$ Acetate<br>$\left\{ \begin{array}{l} 0.067 \\ \text{gm.} \end{array} \right\}$ of<br>$\left\{ \begin{array}{l} 1 \\ \text{gr.} \end{array} \right\}$ Opium <span style="font-size: 2em; vertical-align: middle;">}</span> in each |
| Linimentum Opii                               | —                     | —            | 0.5 of Morphine  |
| Unguentum Gallæ cum Opio                      | —                     | —            | 7.5 of Opium   |
| Unguentum Myrobalani cum Opio                 | —                     | —            | 7.5 of Opium   |
| Extractum Belladonnæ Siccum                   | $\frac{1}{4}$ -1 gr.  | 16-60 mgms.  | 1.0 of Alkaloids   |
| Tinctura Belladonnæ                           | 5-15 min.             | 3-10 dmls.   | 0.035 of Alkaloids   |
| <i>Earnest</i> Extractum Belladonnæ Liquidum  | —                     | —            | 0.75 of Alkaloids  |
| <i>Endeavour</i> Emplastrum Belladonnæ        | —                     | —            | 0.25 of Alkaloids  |
| <i>Leads to</i> Linimentum Belladonnæ         | —                     | —            | 0.375 of Alkaloids   |
| <i>Ultimate</i> Unguentum Belladonnæ          | —                     | —            | 0.6 of Alkaloids   |
| <i>Success</i> Suppositoria Belladonnæ        | —                     | —            | $\left\{ \begin{array}{l} 0.001 \text{ gm.} \\ \frac{1}{80} \text{ gr.} \end{array} \right\}$ of Alkaloids in each   |
| Tinctura Stramonii                            | 5-15 min.             | 3-10 dmls.   | —  |
| Extractum Hyoscyami                           | 2-8 gr.               | 12-50 cgms.  | 0.3 of Alkaloids   |
| Tinctura Hyoscyami                            | $\frac{1}{2}$ -1 dr.  | 2-4 mils.    | 10.0 of Alkaloids  |
| Unguentum Atropinæ                            | —                     | —            | 2.0 of Atropine  |
| Liquor Atropinæ Sulphatis                     | $\frac{1}{2}$ -1 min. | 3.6 cmls.    | 1.0 of Atropine Sulphate   |
| Lamellæ Atropinæ                              | —                     | —            | $\left\{ \begin{array}{l} 0.013 \text{ gm.} \\ \frac{1}{5000} \text{ gr.} \end{array} \right\}$ of Atropine Sulphate in each   |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.   | Imperial Dose.  | Metric Dose. | Strength per Cent. |
|--|---|--------------|--------------------|
| <b>Hyoscinae Hydrobromidum</b><br>(Scopolamine Hydrobromide) | $\frac{1}{200}$ – $\frac{1}{100}$ gr. hypodermically  | 0.3–0.6 mgm. | —                  |
| <b>Hyosciaminae Sulphas</b>                                  | $\frac{1}{200}$ – $\frac{1}{100}$ gr. hypodermically  | 0.3–0.6 mgm. | —                  |
| <b>Homatropinae Hydrobromidum</b>                            | $\frac{1}{64}$ – $\frac{1}{32}$ gr., rare internally; 1 per cent. solution of salt or 2 per cent. castor oil solution of base | 1.2 mgms.    | —                  |
| <b>Cannabis Indica</b>                                       | —   | —            | —                  |
| <b>Morphinae Acetas</b>                                      | $\frac{1}{8}$ – $\frac{1}{2}$ gr. pill, tablet, or aqueous solution   | 8–30 mgms.   | —                  |
| <b>Morphinae Hydrochloridum</b>                              | $\frac{1}{8}$ – $\frac{1}{2}$ gr. pill, tablet, or aqueous solution   | 8–30 mgms.   | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                                    | Imperial Dose.       | Metric Dose. | Strength per Cent.  |
|--|----------------------|--------------|---|
| —  | —                    | —            | —   |
| —  | —                    | —            | —   |
| Lamellæ Homatropinæ                              | —                    | —            | 0.65 mgm. $\left\{ \begin{array}{l} \text{of Homatro-} \\ \text{pine Hydro-} \\ \text{bromide in} \\ \text{each} \end{array} \right.$<br>$\frac{1}{100}$ gr.  |
| Extractum Cannabis Indicæ                        | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | —   |
| Tinctura Cannabis Indicæ                         | 5-15 min.            | 3-10 dmls.   | 5.0   |
| Liquor Morphinæ Acetatis                         | 10-60 min.           | 6-36 dmls.   | 1.0 of Morphine Acetate   |
| <i>Lazy</i> Liquor Morphinæ Hydrochloridi        | 10-60 min.           | 6-36 dmls.   | 1.0 of Morphine Hydrochloride   |
| <i>Students</i> Suppositoria Morphinæ            | —                    | —            | 0.017 gm. $\left\{ \begin{array}{l} \text{of Morphine} \\ \text{Hydrochlo-} \\ \text{ride in each} \end{array} \right.$<br>$\frac{1}{4}$ gr.  |
| <i>Turn</i> Tinctura Chloroformi et Morphinæ Co. | 5-15 min.            | 3-10 dmls.   | 1.0 of Morphine Hydrochloride   |
| <i>To</i> Trochiscus Morphinæ                    | —                    | —            | $\frac{1}{32}$ gr. of Morphine Hydrochloride in each  |
| <i>Tips</i> Trochiscus Morphinæ et Ipecacuanhæ   | —                    | —            | $\left\{ \begin{array}{l} 0.002 \text{ gm. of} \\ \text{Morphine Hy-} \\ \text{drochloride} \\ 0.006 \text{ gm. of} \\ \text{Ipecacuhana} \\ \text{Radix} \\ \frac{1}{32} \text{ gr. of Mor-} \\ \text{phine Hydro-} \\ \text{chloride} \\ \frac{1}{10} \text{ gr. of Ipeca-} \\ \text{cuhana Radix} \end{array} \right.$ in each |



## DRUGS AND PREPARATIONS, WITH DOSES,


| Substance.  | Imperial Dose.   | Metric Dose.   | Strength per Cent. |
|---|--|--|--------------------|
| Morphinæ Tartras                                      | $\frac{1}{8}$ - $\frac{1}{2}$ gr. pill, tablet, or aqueous solution, hypodermically, or by the mouth   | 8-30 mgms.   | —                  |
| Codeina ...   | $\frac{1}{4}$ -1 gr. pill or tablet  | 16-60 mgms.  | —                  |
| Codeinæ Phosphas                                      | $\frac{1}{4}$ -1 gr. in aqueous solution.  | 16-60 mgms.  | —                  |
| Diamorphinæ Hydrochloridum                            | $\frac{1}{25}$ - $\frac{1}{8}$ gr. tablet or aqueous solution  | 2.5-8 mgms.  | —                  |
| Apomorphinæ Hydrochloridum                            | $\left\{ \begin{array}{l} \frac{1}{20}-\frac{1}{10} \text{ gr. hypo-} \\ \text{dermically} \\ \frac{1}{10}-\frac{1}{4} \text{ gr. by the} \\ \text{mouth} \end{array} \right.$ | $\left\{ \begin{array}{l} 3-6 \text{ mgms.} \\ 6-16 \text{ mgms.} \end{array} \right.$ | —                  |
| Chloral Hydras ...                                    | 5-20 gr. in aqueous solution   | 3-12 dgms.   | —                  |
| Chloral Formamidum (Chloral-amide)                    | 15-45 gr. dissolved in Alcohol   | 1.3 grm.   | —                  |
| Barbitonum (Veronal). Added to Poison Schedule (1918) | 5-10 gr. cachet or tablet  | 3-6 dgms.  | —                  |
| Sulphonal ...   | 10-30 gr. in powder, cachet, or tablets, or in a mixture suspended in mucilage of tragacanth.  | 6-20 dgms.   | —                  |
| Methylsulphonal                                       | 10-20 gr., ditto   | 6-12 dgms.   | —                  |
| Paraldehydum ...                                      | $\frac{1}{2}$ -2 dr. freely diluted with water   | 2-8 mls.   | —                  |
| Cocaina ...   | —  | —  | —                  |
| Cocainæ Hydrochloridum                                | $\frac{1}{10}$ - $\frac{1}{4}$ gr. pill or tablet  | 6-16 mgms.   | —                  |
| Benzaminæ Lactas                                      | $\frac{1}{8}$ - $\frac{1}{2}$ gr. by mouth   | 8-30 mgms.   | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                       | Imperial Dose.       | Metric Dose. | Strength per Cent.   |
|-------------------------------------|----------------------|--------------|--|
| Injectio Morphinæ Hypo-<br>dermica  | 5-10 min.            | 3-6 dmls.    | 2·5 of Morphine<br>Tartrate  |
| Liquor Morphinæ Tar-<br>tratis      | 10-60 min.           | 6-36 dmls.   | 1·0 of Morphine<br>Tartrate  |
| —                                   | —                    | —            | —  |
| Syrupus Codeinæ Phos-<br>phatis     | $\frac{1}{2}$ -2 dr. | 2-8 mils.    | 0·5 of Codeine Phos-<br>phate  |
| —                                   | —                    | —            | —  |
| Injectio Apomorphinæ<br>Hypodermica | 5-10 min.            | 3-6 mls.     | 1·0 of Apomorphine<br>Hydrochloride  |
| —                                   | —                    | —            | —  |
| Syrupus Chloral                     | $\frac{1}{2}$ -2 dr. | 2-8 mils.    | 20·0   |
| —                                   | —                    | —            | —  |
| —                                   | —                    | —            | —  |
| —                                   | —                    | —            | —  |
| —                                   | —                    | —            | —  |
| —                                   | —                    | —            | —  |
| —                                   | —                    | —            | —  |
| Unguentum Cocainæ                   | —                    | —            | 4·0  |
| Injectio Cocainæ Hypo-<br>dermica   | 5-10 min.            | 3-6 dmls.    | 5·0  |
| Lamellæ Cocainæ                     | —                    | —            | $\left\{ \begin{array}{l} 1·3 \\ \text{mgms.} \\ \frac{1}{50} \text{ gr.} \end{array} \right\}$ of Cocaine<br>Hydrochlo-<br>ride in each |
| —                                   | —                    | —            |  |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.   | Imperial Dose.  | Metric Dose. | Strength per Cent.                       |
|--|---|--------------|--|
| Nux Vomica ...   | 1-4 gr. pill or cachet  | 6-25 cgms.   | 1·25 of Strychnine.                      |
| Strychnina ...   | $\frac{1}{64}$ - $\frac{1}{16}$ gr. pill  | 1-4 mgms.    | —  |
| Strychninae Hydrochloridum   | $\frac{1}{64}$ - $\frac{1}{16}$ gr. pill, or in aqueous solution by mouth or hypodermically | 1-4 mgms.    | —  |
|  Physostigminae Sulphas (Eserine Sulphate) | $\frac{1}{64}$ - $\frac{1}{32}$ gr. pill, or in aqueous solution by mouth or hypodermically | 1-2 mgms.    | —  |
| Ammonii Bromidum   | 5-30 gr. in aqueous solution  | 3-20 dgms.   | 98·0                                     |
| Potassii Bromidum  | 5-30 gr. in aqueous solution  | 3-20 dgms.   | 98·0                                     |
| Sodii Bromidum   | 5-30 gr. in aqueous solution  | 3-20 dgms.   | 99·0                                     |
| Amyl Nitris ...  | 2-5 min. by inhalation from glass capsule   | 12-30 cmls.  | —  |
| Sodii Nitris   | $\frac{1}{2}$ -2 gr. in aqueous solution  | 3-12 cgms.   | 95·0                                     |
| Liquor Trinitrini (Solution of Nitro-glycerin)   | $\frac{1}{2}$ -2 min.   | 3-12 cmls.   | 1·0                                      |
| Tabellæ Trinitrini (Tablets of Nitro-glycerin)   | 1 or 2 tablets  | —            | 0·5 mgm. } in $\frac{1}{136}$ gr. } each |
| Digitalis Folia ...  | $\frac{1}{2}$ -2 gr. pill   | 3-12 cgms.   | —  |
| Strophanthi Semina   | —   | —            | —  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.   | Imperial Dose.       | Metric Dose. | Strength per Cent.   |
|---|----------------------|--------------|--|
| Extractum Nucis Vomicae Liquidum                                    | 1-3 min.             | 6-18 cmls.   | 1·5 of Strychnine  |
| Extractum Nucis Vomicae Siccum                                      | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | 5·0 of Strychnine  |
| Tinctura Nucis Vomicae  | 5-15 min.            | 3-10 dmls.   | 0·125 of Strychnine  |
| Syrupus Ferri Phosphatis cum Quinina et Strychnina (Easton's Syrup) | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | $\frac{1}{32}$ gr. of Strychnine<br>$\frac{4}{5}$ gr. of Quinine Sulphate<br>} Ferri Phosphatis in 1 dr. |
| Injectio Strychninae Hypodermica                                    | 5-10 min.            | 3-6 dmls.    | 0·75 of Strychnine Hydrochloride   |
| Liquor Strychninae Hydrochloridi                                    | 2-8 min.             | 12-50 cmls.  | 1·0 of Strychnine Hydrochloride  |
| Lamellae Physostigminae   | —                    | —            | 0·065 mgm. } in $\frac{1}{1000}$ gr. } each  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| —   | —                    | —            | —  |
| Infusum Digitalis   | 2-4 dr.              | 8-16 mls.    | 0·7  |
| Tinctura Digitalis  | 5-15 min.            | 3-10 dmls.   | 10·0   |
| Extractum Strophanthi   | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | 50·0   |
| Tinctura Strophanthi  | 2-5 min.             | 12-30 cmls.  | 10·0   |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                                    | Imperial Dose.   | Metric Dose.                               | Strength per Cent.    |
|---|--|--|-----------------------|
| Adrenalin ...                                 | —  | —  | —                     |
| Æther ...                                     | 15-30 min. (rep.)<br>45-60 min. (sing.)  | 1-2 mls. (rep.)<br>3-4 mls. (sing.)        | —                     |
| Chloroformum ...                              | 1-5 min. in water or alcohol   | 6-30 cmls.                                 | —                     |
| Spiritus Rectificatus (Alcohol, 90 per cent.) | —  | —  | 90·0                  |
| Aconiti Radix ...                             | —  | —  | —                     |
| Aconitina...                                  | —  | —  | —                     |
| Acidum Hydrocyanicum Dilutum (Prussic Acid)   | 2-5 min., freely diluted   | 12-30 cmls.                                | 2·0                   |
| Antimonium Tartaratum (Tartar Emetic)         | $\frac{1}{2}$ - $\frac{1}{8}$ gr. as diaphoretic; $\frac{1}{2}$ - 1 gr. as emetic in aqueous solution, or as Vinum Antimoniale | 2·5-8 mgms. (diaph.)<br>3-6 cgms. (emetic) | —                     |
| Ferrum ...                                    | —  | —  | —                     |
| Ferrum Redactum                               | 1-5 gr. pill or tablet   | 1-5 cgms.                                  | 80·0 of Metallic Iron |
| Ferri Carbonas Saccharatus                    | 10-30 gr. cachet, tablet, or pill  | 6-20 dgms.                                 | 50·0                  |
| Ferri Phosphas Saccharatus                    | 5-10 gr. cachet, tablet, or pill   | 3-6 dgms.                                  | 60·0                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                                    | Imperial Dose.                                | Metric Dose.                                    | Strength per Cent.            |
|--|---|---|-------------------------------|
| Liquor Adrenalini Hydrochloricus                 | 10-30 min.                                    | 6-18 dmls.                                      | 0·1                           |
| Spiritus Ætheris                                 | 20-40 min.<br>(rep.)                          | 12-25 dmls.<br>(rep.)                           | } 33·3                        |
|  | 60-90 min.<br>(sing.)                         | 4-6 mls.<br>(sing.)                             |                               |
| <i>S</i> Spiritus Chloroformi<br>(Chloric Ether) | 5-20 min.<br>(rep.)                           | 3-12 dmls.<br>(rep.)                            | } 5·0                         |
|  | 30-40 min.<br>(sing.)                         | 20-25 dmls.<br>(sing.)                          |                               |
| <i>A</i> Aqua Chloroformi                        | —   | —   | 0·25                          |
| <i>L</i> Linimentum Chloroformi                  | —   | —   | 50·0                          |
| <i>T</i> Tinctura Chloroformi et Morphinae Co.   | 5-15 min.                                     | 3-10 dmls.                                      | 1·0 of Morphine Hydrochloride |
| Alcohol Absolutum                                | —   | —   | 99·0                          |
| Alcohols of 70, 60, 45, and 20 per cent.         | —   | —   | 70, 60, 45 and 20             |
| Linimentum Aconiti                               | —   | —   | 0·2 of Alkaloids              |
| Tinctura Aconiti                                 | 2-5 min.                                      | 12-30 cmls.                                     | 0·04 of Alkaloids             |
| Unguentum Aconitinæ                              | —   | —   | 2·0                           |
| —  | —   | —   | —                             |
| Vinum Antimoniale                                | 10-30 min.<br>(diaph.)<br>2-4 dr.<br>(emetic) | 6-18 dmls.<br>(diaph.)<br>8-16 mls.<br>(emetic) | } 0·4                         |
|  |   |   |                               |
| Liquor Ferri Perchloridi                         | 5-15 min.                                     | 3-10 dmls.                                      | 5·0 of Iron                   |
| Syrupus Ferri Iodidi                             | $\frac{1}{2}$ -1 dr.                          | 2-4 mls.  | 7·0                           |
| Trochiscus Ferri Redacti                         | —   | —   | 1 gr. } of reduced            |
|  |   |   | 0·06 } Iron in                |
|  |   |   | gm. } each                    |
| —  | —   | —   | —                             |
| —  | —   | —   | —                             |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                                    | Imperial Dose.                      | Metric Dose. | Strength per Cent. |
|---|-------------------------------------|--------------|--------------------|
| Ferri Sulphas                                 | 1.5 gr. in aqueous solution         | 6.30 cgms.   | 97.5               |
| Ferri Sulphas Exsiccatus                      | $\frac{1}{2}$ -3 gr. pill or tablet | 3.20 cgms.   | 77.0               |
| Ferri et Ammonii Citras                       | 5-10 gr. in aqueous solution        | 3.6 dgms.    | —                  |
| Ferri et Potassii Tartras (Ferrum Tartaratum) | 5-10 gr. in aqueous solution        | 3.6 dgms.    | —                  |
| Ferri et Quininæ Citras                       | 5-10 gr. in aqueous solution        | 3.6 dgms.    | 15.0 of Quinine    |
| Acidum Aceticum                               | —                                   | —            | 33.0               |
| Acidum Hydrochloricum                         | —                                   | —            | 31.79              |
| Acidum Nitricum                               | —                                   | —            | 70.0               |
| Acidum Sulphuricum                            | —                                   | —            | 95.0               |
| Colchici Cormus                               | —                                   | —            | —                  |
| Colchici Semina                               | —                                   | —            | —                  |
| Guaiaci Resina                                | 5-15 gr. powdered in a cachet       | 3-10 dgms.   | —                  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations,   | Imperial Dose.       | Metric Dose. | Strength per Cent.        |
|---|----------------------|--------------|---------------------------|
| Liquor Ferri Persulphatis   | —                    | —            | 14·5 of Iron              |
| Mistura Ferri Co.<br>("Griffith's Mixture")                           | $\frac{1}{2}$ -1 oz. | 15-30 mils.  | —                         |
| Pilula Ferri ("Blaud's Pill")   | 5-15 gr.             | 3-10 dgms.   | 22·5 of Ferrous Carbonate |
| Vinum Ferri Citratis  | 1-4 dr.              | 4-16 mils.   | 1·8                       |
| —   | —                    | —            | —                         |
| —   | —                    | —            | —                         |
| Acidum Aceticum Dilutum   | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 5·0                       |
| Acidum Hydrochloricum Dilutum   | 5-20 min.            | 3-12 dmls.   | 10·0                      |
| Acidum Nitricum Dilutum   | 5-20 min.            | 3-12 dmls.   | 10·0                      |
| Acidum Nitro-Hydrochloricum Dilutum                                   | 5-20 min.            | 3-12 dmls.   | —                         |
| Acidum Sulphuricum Aromaticum   | 5-20 min.            | 3-12 dmls.   | 13·3                      |
| Acidum Sulphuricum Dilutum  | 5-20 min.            | 3-12 dmls.   | 10·0                      |
| 3 PREPARATIONS.   |                      |              |                           |
| <i>Take the Vinum and the Extract from the Corm to cure the Gout.</i> |                      |              |                           |
| <i>Make the Tincture from the Seeds of Colchicum without a doubt.</i> |                      |              |                           |
| Extractum Colchici  | $\frac{1}{4}$ -1 gr. | 16-30 mgms.  | —                         |
| Vinum Colchici  | 10-30 min.           | 6-18 dmls.   | 20·0                      |
| Tinctura Colchici   | 5-15 min.            | 3-10 dmls.   | 10·0                      |
| Mistura Guaiaci   | $\frac{1}{2}$ -1 oz. | 15-30 mils.  | 2·5                       |
| Tinctura Guaiaci Ammoniata  | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 20·0                      |
| Trochiscus Guaiaci Resinæ   | —                    | —            | 3 gr., 0 2 gm. in each    |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.   | Metric Dose. | Strength per Cent. |
|---|--|--------------|--------------------|
| <b>Acidum Arseniosum</b> (Arsenic, Arsenious Acid)      | $\frac{1}{64}$ - $\frac{1}{16}$ gr. pill or solution                     | 1.4 mgms.    | 99.8               |
| <b>Arsenii Iodidum</b>                                  | $\frac{1}{20}$ - $\frac{1}{5}$ gr. pill or aqueous solution              | 3.12 mgms.   | —                  |
| <b>Sodii Arsenas Anhydrosus</b>                         | $\frac{1}{40}$ - $\frac{1}{10}$ gr. pill, tablet or aqueous solution     | 1.5-6 mgms.  | 98.0               |
| <b>Hydrargyrum</b> ...                                  | —  | —            | —                  |
| <b>Hydrargyri Iodidum Rubrum</b> (Biniodide of Mercury) | $\frac{1}{32}$ - $\frac{1}{16}$ gr. in combination with Potassium Iodide | 2.4 mgms.    | —                  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose. | Metric Dose. | Strength per Cent. |
|--|----------------|--------------|--------------------|
| Liquor Arsenicalis<br>("Fowler's Solution")  | 2-8 min.       | 12-50 cmls.  | 1·0                |
| Liquor Arsenici Hydrochloricus   | 2-8 min.       | 12-50 cmls.  | 1·0                |
| Liquor Arsenii et Hydrargyri Iodidi ("Donovan's Solution")   | 5-20 min.      | 3-12 dmls.   | 1·0                |
| Liquor Sodii Arsenatis   | 2-8 min.       | 12-50 cmls.  | 1·0                |
| 8 PREPARATIONS.  |                |              |                    |
| <i>A Powder that's grey, a<br/>Pill that's blue,<br/>These are the Mercury<br/>Preps. for you.<br/>A Liniment and a Plas-<br/>ter sweet,<br/>Four Ointments make the<br/>lot complete.</i> |                |              |                    |
| Hydrargyrum cum Creta<br>("Grey Powder")   | 1-5 gr.        | 6-30 cgms.   | 33·3               |
| Pilula Hydrargyri ("Blue Pill")  | 4-8 gr.        | 25-50 cgms.  | 33·3               |
| Linimentum Hydrargyri  | —              | —            | 8·8                |
| Emplastrum Hydrargyri  | —              | —            | 32·8               |
| Unguentum Hydrargyri<br>("Blue Ointment")  | —              | —            | 30·0               |
| Unguentum Hydrargyri<br>Co. ("Scott's Dress-<br>ing")  | —              | —            | 12·0               |
| Unguentum Hydrargyri<br>Nitratis ("Citrine<br>Ointment")   | —              | —            | 6·6                |
| Unguentum Hydrargyri<br>Nitratis Dilutum   | —              | —            | 1·3                |
| Unguentum Hydrargyri<br>Iodidi Rubri   | —              | —            | 4·0                |

} of Mercury



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.  | Metric Dose.  | Strength per Cent. |
|---|---|---------------|--------------------|
| <b>Hydrargyri Perchloridum</b> (Corrosive Sublimate, Mercuric Chloride) | $\frac{1}{32}$ - $\frac{1}{16}$ gr. pill, or in aqueous solution    | 2-4 mgms.     | 98·6               |
| <b>Hydrargyri Subchloridum</b> (Calomel)                                | $\frac{1}{2}$ -5 gr. powder, pill, or tablet                        | 3-30 cgms.    | —                  |
| <b>Hydrargyri Oxidum Flavum</b>   | —   | —             | 99·3               |
| <b>Hydrargyri Oxidum Rubrum</b> (Red Precipitate)                       | —   | —             | 99·3               |
| <b>Hydrargyrum Ammoniatum</b> (White Precipitate)                       | —   | —             | 94·5               |
| <b>Hydrargyrum Oleatum</b> (Mercuric Oleate)                            | —   | —             | —                  |
| <b>Phosphorus</b> ...   | $\frac{1}{100}$ - $\frac{1}{25}$ gr. pill, or in solution in oil    | 0·6-2·5 mgms. | —                  |
| <b>Calcii Lactas</b> ...  | 10-30 gr. powder, cachet, or in aqueous solution                    | 6-20 dgms.    | 93·0               |
| <b>Potassii Iodidum</b>   | 5-20 gr. in aqueous solution. In practice dose is often much larger | 3-12 dgms.    | 99·0               |
| <b>Sodii Iodidum</b> ...  | 5-20 gr. in aqueous solution  | 3-12 dgms.    | 99·0               |
| <b>Plumbi Iodidum</b>   | —   | —             | —                  |
| <b>Sulphur Sublimatum</b> (Flowers of Sulphur)                          | 20-60 gr. powder or cachet  | 12-40 dgms.   | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|--|----------------------|--------------|--------------------|
| Liquor Hydrargyri Perchloridi                        | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 0·1                |
| Lotio Hydrargyri Flava<br>("Yellow Wash")            | —                    | —            | 0·46               |
| Lotio Hydrargyri Nigra<br>("Black Wash")             | —                    | —            | 0·685              |
| Pilula Hydrargyri Subchloridi Co. ("Plummer's Pill") | 4-8 gr.              | 25-50 cgms.  | —                  |
| Unguentum Hydrargyri Subchloridi                     | —                    | —            | 20·0               |
| Unguentum Hydrargyri Oxidi Flavi                     | —                    | —            | 2·0                |
| Unguentum Hydrargyri Oxidi Rubri                     | —                    | —            | 10·0               |
| Unguentum Hydrargyri Ammoniati                       | —                    | —            | 5·0                |
| Unguentum Hydrargyri Oleati                          | —                    | —            | 25·0               |
| Oleum Phosphoratum                                   | 1·5 min.             | 6-30 cmls.   | 1·0                |
| Pilula Phosphori                                     | 1-4 gr.              | 6-25 cgms.   | 1·0                |
| Syrupus Calcii Lactophosphatis                       | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | —                  |
| Linimentum Potassii Iodidi cum Sapone                | —                    | —            | 10·0               |
| Unguentum Potassii Iodidi                            | —                    | —            | 10·0               |
| —  | —                    | —            | —                  |
| Unguentum Plumbi Iodidi                              | —                    | —            | 10·0               |
| Unguentum Sulphuris                                  | —                    | —            | 10·0               |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                                   | Imperial Dose.   | Metric Dose. | Strength per Cent.   |
|--|--|--------------|--|
| Sulphur<br>Præcipitatum<br>(Milk of Sulphur) | 20-60 gr. powder or cachet   | 12-40 dgms.  | —  |
| Oleum Morrhuæ                                | 1-4 dr. alone, in an emulsion, or mixed with extract of Malt                                     | 4-16 mls.    | —  |
| Thyroideum<br>Siccum                         | $\frac{1}{2}$ -4 gr. powder, cachet, or tablet   | 3-25 egms.   | —  |
| Cinchonæ<br>Rubræ Cortex                     | —  | —            | 5·0-6·0 of Alkaloids. Cinchonidine and Quinine must form one-half of the total percentage of Alkaloids |
| Quininæ Sulphas                              | 1-10 gr. cachet, tablet, or mixed with dilute Acid. Dose is greatly increased in malarial fevers | 6-60 egms.   | —  |
| Quininæ<br>Hydrochloridum                    | 1-10 gr. cachet, tablet, or aqueous solution   | 6-60 egms.   | —  |
| Quininæ Hydrochloridum Acidum                | 1-10 gr. cachet, in aqueous solution, or hypodermically  | 6-60 egms.   | —  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                               | Imperial Dose.       | Metric Dose. | Strength per Cent.     |
|---|----------------------|--------------|------------------------|
| Confectio Sulphuris                         | 60-120 gr.           | 4-8 gms.     | 45·0                   |
| Trochiscus Sulphuris                        | —                    | —            | 5 gr., 0·3 gm. in each |
| —   | —                    | —            | —                      |
| —   | —                    | —            | —                      |
| 4 PREPARATIONS.                             |                      |              |                        |
| <i>Four Preps. of Red Cinchona Bark :</i>   |                      |              |                        |
| <i>Two Tinctures, an Infusion.</i>          |                      |              |                        |
| <i>Add Extract, and you'll hit the mark</i> |                      |              |                        |
| <i>And so prevent confusion.</i>            |                      |              |                        |
| Tinctura Cinchonæ                           | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 1·0 of Alkaloids       |
| Tinctura Cinchonæ Co.                       | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 0·5 of Alkaloids       |
| Infusum Cinchonæ Acidum                     | $\frac{1}{2}$ -1 oz. | 15-30 mils.  | 5·0                    |
| Extractum Cinchonæ Liquidum                 | 5-15 min.            | 3-10 dmls.   | 5·0 of Alkaloids       |
| Pilula Quininæ Sulphatis                    | 2-8 gr.              | 12-50 egms.  | 82·0                   |
| Tinctura Quininæ Ammoniata                  | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 2·0                    |
| Tinctura Quininæ                            | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 2·0                    |
| Vinum Quininæ                               | $\frac{1}{2}$ -1 oz. | 16-30 mils.  | 0·23 (1 gr. in 1 oz.)  |
| —   | —                    | —            | —                      |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.   | Metric Dose. | Strength per Cent. |
|---|--|--------------|--------------------|
| <b>Acetanilidum</b><br>(Antifebrin, Phenyl-Acetamide) | 2.5 gr. powder, cachet, or tablet  | 12.30 cgms.  | —                  |
| <b>Phenacetinum</b> ...                               | 5-15 gr. in powder, cachet, or tablet                                      | 3-10 dgms.   | —                  |
| <b>Phenazonum</b> ...                                 | 5-15 gr. in aqueous solution or tablet                                     | 3-10 dgms.   | —                  |
| <b>Acidum Salicylicum</b>                             | 5-20 gr. cachet, or in water. Sodium Salicylas is nearly always prescribed | —            | —                  |
| <b>Sodii Salicylas</b> ...                            | 10-30 gr. in aqueous solution  | 6-20 dgms.   | 99.5               |
| <b>Salicinum</b> ...                                  | 5-20 gr. cachet, tablets, or aqueous solution                              | 3-12 dgms.   | —                  |
| <b>Salol</b> ...                                      | 5-20 gr. powder, cachet, tablet, or in water with Tragacanth               | 3-12 dgms.   | —                  |
| <b>Methyl Salicylas</b>                               | 5-15 min. in a gelatine capsule  | 3-10 dmls.   | 98.0               |
| <b>Aloe</b> ...                                       | 2-5 gr. pill or tablet   | 12-30 cgms.  | —                  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                                     | Imperial Dose. | Metric Dose. | Strength per Cent. |
|---|----------------|--------------|--------------------|
| —   | —              | —            | —                  |
| —   | —              | —            | —                  |
| —   | —              | —            | —                  |
| Unguentum Acidi Salicylici                        | —              | —            | 2·0                |
| —   | —              | —            | —                  |
| —   | —              | —            | —                  |
| —   | —              | —            | —                  |
| —   | —              | —            | —                  |
| 6 PREPARATIONS.                                   |                |              |                    |
| <i>Aloes gives an Extract and Decoctum,</i>       |                |              |                    |
| <i>A Pill which comes from far-off Zanzibar,</i>  |                |              |                    |
| <i>An Iron Pill which empties out the Rectum,</i> |                |              |                    |
| <i>Two Pills, with Asa-fetida, with Myrrhæ.</i>   |                |              |                    |
| Extractum Aloes                                   | 1·4 gr.        | 6·25 cgms.   | —                  |
| Decoctum Aloes Co.                                | ½-2 oz.        | 15-60 mls.   | 1·0                |
| Pilula Aloes                                      | 4-8 gr.        | 25-50 cmgs.  | —                  |
| Pilula Aloes et Ferri                             | 4-8 gr.        | 25-50 cmgs.  | —                  |
| Pilula Aloes et Asa-fetidæ                        | 4-8 gr.        | 25-50 cmgs.  | —                  |
| Pilula Aloes et Myrrhæ                            | 4-8 gr.        | 25-50 cmgs.  | —                  |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                             | Imperial Dose.  | Metric Dose.                         | Strength per Cent. |
|--|---|--------------------------------------|--------------------|
| Aloinum ...                            | $\frac{1}{2}$ -2 gr. pill or tablet   | 3-12 cgms.                           | —                  |
| Oleum Ricini ...                       | 1-8 dr. emulsified with Gum Acacia  | 4-30 mils.                           | —                  |
| <small>RHEA</small><br>Cascara Sagrada | —   | —                                    | —                  |
| Rhei Rhizoma ...                       | 3-10 gr. (rep.)<br>15-30 gr. (sing.)<br>powder, pill, cachet,<br>tablet, or mixture | 2-6 dgms. (rep.)<br>1-2 gms. (sing ) | —                  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.   | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|---|----------------------|--------------|--------------------|
| —   | —                    | —            | —                  |
| Mistura Olei Ricini   | 1-2 oz.              | 30-60 mils.  | 37·5               |
| <i>Cascara—</i>   |                      |              |                    |
| <i>Eases</i> Extractum<br>Cascaræ Sa-<br>gradæ Li-<br>quidum  | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 100·0              |
| <i>Every</i> Extractum<br>Cascaræ Sa-<br>gradæ Sic-<br>cum  | 2-8 gr.              | 12-50 cgms.  | —                  |
| <i>Stomach</i> Syrupus Cas-<br>caræ Aro-<br>maticus   | $\frac{1}{2}$ -2 dr. | 2-8 mils.    | 40·0               |
| 6 PREPARATIONS.   |                      |              |                    |
| <i>Of Rhei Rhiz. from China</i><br><i>The Preps. I'm sure</i><br><i>you'll know,</i><br><i>There's Pulv. Rhei Com-</i><br><i>positus</i><br><i>And Pilule Rhei Co.,</i><br><i>A Tincture and Infusion,</i><br><i>A Syrup from Thibet,</i><br><i>Extractum Rhei (in a</i><br><i>pill),</i><br><i>And this completes the</i><br><i>set.</i> |                      |              |                    |
| Pulvis Rhei Co. ("Greg-<br>ory's Powder")   | 10-60 gr.            | 6-40 dgms.   | —                  |
| Pilula Rhei Co.   | 4-8 gr.              | 25-50 cgms.  | —                  |
| Tinctura Rhei Co.   | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 10·0               |
|   | (rep.)               | (rep.)       |                    |
|   | 2-4 dr.              | 8-16 mils.   |                    |
|   | (sing.)              | (sing.)      |                    |
| Infusum Rhei  | $\frac{1}{2}$ -1 oz. | 15-30 mils.  | 5·0                |
| Syrupus Rhei  | $\frac{1}{2}$ -2 dr. | 2-8 mils.    | —                  |
| Extractum Rhei  | 2-8 gr.              | 12-50 cgms.  | —                  |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.        | Imperial Dose.   | Metric Dose. | Strength per Cent. |
|-------------------|--|--------------|--------------------|
| Sennæ Folia ...   | —  | —            | —                  |
| Sennæ Fructus ..  | Infuse six pods in a few ounces of water for two hours and take as a draught | —            | —                  |
| Phenolphthaleinum | 2-5 gr. powder or tablet   | 12-30 cgms.  | —                  |
| Colocynthis Pulpa | —  | —            | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose.                                       | Metric Dose.                                  | Strength per Cent. |
|--|--|---|--------------------|
| 6 PREPARATIONS.  |  |   |                    |
| <i>From Senna Leaves a<br/>Mixture and Infu-<br/>sion,<br/>A Syrup and Tinctura<br/>Sennæ Co.,<br/>There's a Compound<br/>Powder, also a Con-<br/>fection,<br/>For Senna always<br/>makes the bowels go.</i> |  |   |                    |
| Senna Alexandrina<br>( <i>Short letives, Long name</i> )   | —  | —   | —                  |
| Senna Indica<br>( <i>Long leaves, Short name</i> )   | —  | —   | —                  |
| Mistura Sennæ Co.<br>("Black Draught.")  | 1-2 oz.  | 30-60 mils.                                   | —                  |
| Infusum Sennæ  | { $\frac{1}{2}$ -1 oz.<br>(rep.)<br>2 oz.<br>(sing.) | { 15-30 mils<br>(rep.)<br>60 mils.<br>(sing.) | { 10·0             |
| Syrupus Sennæ  | $\frac{1}{2}$ -2 dr.<br>$\frac{1}{2}$ -1 dr.         | 2-8 mils.<br>2-4 mils.                        | —                  |
| Tinctura Sennæ Co.   | { (rep.)<br>2-4 dr.<br>(sing.)                       | { (rep.)<br>8-16 mils.<br>(sing.)             | { 20·0             |
| Pulvis Glycyrrhizæ Co.   | 60-120 gr.   | 4-8 gm.                                       | —                  |
| Confectio Sennæ  | 60-120 gr.   | 4-8 gm.                                       | 10·0               |
| —  | —  | —   | —                  |
| —  | —  | —   | —                  |
| 3 PREPARATIONS.  |  |   |                    |
| <i>Take a Compound Colo-<br/>cynthidis Pilula,<br/>It's sure to do you good<br/>however ill you are;</i>   |  |   |                    |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.   | Imperial Dose.   | Metric Dose.                          | Strength per Cent. |
|--|--|---------------------------------------|--------------------|
| <b>Colocynthis</b><br><b>Pulpa</b> — <i>continued</i>    |  |                                       |                    |
| <b>Jalapa</b> ... ..                                     | 5-20 gr. powder or cachet  | 3-12 dgms.                            | —                  |
| <b>Podophylli</b><br><b>Rhizoma</b>                      | —  | —                                     | —                  |
| <b>Oleum Crotonis</b> ...                                | $\frac{1}{2}$ -1 min. on a lump of sugar, or in a pill, or in butter | 3-6 cmls.                             | —                  |
| <b>Magnesii Sulphas</b> (Epsom Salts)                    | 30-90 gr. (rep.),<br>120-240 gr. (sing.)<br>in aqueous solution      | 2-6 gms. (rep.)<br>8-16 gms. (sing.)  | 97·4               |
| <b>Sodii Sulphas</b> .. (Glauber's Salts)                | 30-120 gr. (rep.),<br>150-240 gr. (sing.)<br>in aqueous solution     | 2-8 gms. (rep.)<br>10-16 gms. (sing.) | —                  |
| <b>Sodii Phosphas</b> ... (Di-sodium Hydrogen Phosphate) | 30-120 gr. (rep.),<br>150-240 gr. (sing.)<br>in aqueous solution     | 2-8 gms. (rep.)<br>10-16 gms. (sing.) | 99·5               |
| <b>Potassii Sulphas</b>                                  | 15-45 gr., in aqueous solution                                       | 1-3 gms.                              | 99·0               |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose.      | Metric Dose.       | Strength per Cent. |
|--|---------------------|--------------------|--------------------|
| <i>Take a Pil. Colocynthis et Hyoscyami, And add to these the Extract; and have another try.</i> |                     |                    |                    |
| Extractum Colocynthis Co.  | 2·8 gr.             | 12·50 cgms.        | —                  |
| Pilula Colocynthis Co.   | 4·8 gr.             | 25·50 cgms.        | —                  |
| Pilula Colocynthis et Hyoscyami  | 4·8 gr.             | 25·50 cgms.        | —                  |
| 3 PREPARATIONS.  |                     |                    |                    |
| <i>Jalap—</i>  |                     |                    |                    |
| <i>Purges</i> Pulvis Jalapæ Co.  | 10-60 gr.           | 6·40 dgms.         | 30·0               |
| <i>Tommy's</i> Tinctura Jalapæ   | ½-1 dr.             | 2·4 mils.          | 1·5 of the Resin   |
| <i>Tummy</i> Tinctura Jalapæ Co.   | ½-1 dr.             | 2·4 mils.          | —                  |
| —  | —                   | —                  | —                  |
| Linimentum Crotonis  | —                   | —                  | 12·0               |
| Magnesii Sulphas Effervescens  | 60-180 gr. (rep.)   | 4-12 gms. (rep.)   | } 50·0             |
|  | 240-480 gr. (sing.) | 16-32 gms. (sing.) |                    |
| Sodii Sulphas Effervescens   | 60-120 gr. (rep.)   | 4-8 gms. (rep.)    | } 50·0             |
|  | 150-240 gr. (sing.) | 10-16 gms. (sing.) |                    |
| Sodii Phosphas Effervescens  | 60-120 gr. (rep.)   | 4-8 gms. (rep.)    | } 50·0             |
|  | 150-240 gr. (sing.) | 10-16 gms. (sing.) |                    |
| —  | —                   | —                  | —                  |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.                                      | Metric Dose. | Strength per Cent. |
|---|---|--------------|--------------------|
| <b>Potassii Tartras Acidus</b> (Purified Cream of Tartar) | 15-60 gr., as a diuretic and refrigerant            | 1-4 gms.     | 99·0               |
| <b>Acidum Tannicum</b> (Tannin)                           | 5-10 gr. cachet                                     | 3-6 dgms.    | —                  |
| <b>Catechu</b> (Catechu Pallidum, Pale Catechu)           | 5-15 gr. cachet                                     | 3-10 dgms.   | —                  |
| <b>Kino</b> ... ..  | 5-20 gr. cachet.                                    | 3-12 dgms.   | —                  |
| <b>Hamamelidis Cortex</b> (Witch Hazel Bark)              | ---   | —            | —                  |
| <b>Hamamelidis Folia</b> (Witch Hazel Leaves)             | —   | —            | —                  |
| <b>Alumen Purificatum</b>                                 | 5-10 gr. in aqueous solution                        | 3-6 dgms.    | —                  |
| <b>Bismuthi Carbonas</b>                                  | 5-20 gr. powder, cachet, or mixture                 | 3-12 dgms.   | —                  |
| <b>Bismuthi Salicylas</b>                                 | 5-20 gr. powder, cachet, or mixture with Tragacanth | 3-12 dgms.   | —                  |
| <b>Bismuthi Subnitras</b>                                 | 5-20 gr., powder or cachet                          | 3-12 dgms.   | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                                    | Imperial Dose.       | Metric Dose. | Strength per Cent.                       |
|--|----------------------|--------------|--|
| —  | —                    | —            | —  |
| 3 PREPARATIONS.                                  |                      |              |  |
| <i>Tannin</i> —                                  |                      |              |  |
| <i>Gives</i> Glycerinum<br>Acidi Tan-<br>nici    | —                    | —            | 20·0                                     |
| <i>Strong</i> Suppositoria<br>Acidi Tan-<br>nici | —                    | —            | 3 gr., 0·2 gm. in<br>each                |
| <i>Tea</i> Trochiscus<br>Acidi Tan-<br>nici      | —                    | —            | $\frac{1}{2}$ gr., 0·03 gm. in<br>each.  |
| Pulvis Catechu Co.                               | 10-60 dgms.          | 6-40 dgms.   | —  |
| Tinctura Catechu                                 | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | —  |
| Trochiscus Catechu                               | —                    | —            | 1 gr., 0·06 gm. in<br>each               |
| Pulvis Kino Co.                                  | 5-20 gr.             | 3-12 dgms.   | 0·5 of Morphine                          |
| Tinctura Kino                                    | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 10·0                                     |
| Tinctura Hamamelidis                             | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 10·0                                     |
| Extractum Hamamelidis                            | 5-15 min.            | 3-10 dmls.   | 100·0                                    |
| Liquidum   |                      |              |  |
| Liquor Hamamelidis                               | —                    | —            | 100·0                                    |
| Unguentum Hamame-<br>lidis                       | —                    | —            | 10·0 of the Liquid<br>Extract            |
| Glycerinum Aluminis                              | —                    | —            | 16·6                                     |
| Trochiscus Bismuthi Co.                          | —                    | —            | 2 $\frac{1}{2}$ gr., 0·15 gm. in<br>each |
| —  | —                    | —            | —  |
| Liquor Bismuthi et Am-<br>monii Citratis         | $\frac{1}{2}$ -1 dr. | 2-4 mils.    |  |



## DRUGS AND PREPARATIONS, WITH DOSES

| Substance.                                  | Imperial Dose.   | Metric Dose.                                   | Strength per Cent. |
|---|--|--|--------------------|
| <b>Plumbi Oxidum</b><br>(Litharge)          | —  | —  | —                  |
| <b>Plumbi Acetas</b> ...<br>(Sugar of Lead) | 1·5 gr. pill or tablet   | 6·30 cgms.                                     | 99·5               |
| <b>Zinci Oxidum</b> ...                     | 3-10 gr. pill or tablet, or with starch as a dusting powder    | 2·6 dgms.                                      | —                  |
| <b>Zinci Chloridum</b>                      | —  | —  | —                  |
| <b>Zinci Sulphas</b> ...                    | 1-3 gr. as astringent, 10-30 gr. as emetic in aqueous solution | 6-20 cgms. (astringent)<br>6-20 dgms. (emetic) | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose. | Metric Dose. | Strength per Cent.   |
|--|----------------|--------------|--|
| Emplastrum Plumbi  | —              | —            | —  |
| 6 PREPARATIONS.<br><i>Pilula Plumbi cum Opio</i><br><i>Suppositoria Plumbi Co.</i><br><i>The following four have an Acetate Base—</i><br><i>Glycerinum and two Liquors</i><br><i>And an Ointment for the face.</i> |                |              |  |
| Pilula Plumbi cum Opio   | 2.4 gr.        | 12.25 cgms.  | 1.2 of Morphine.   |
| Suppositoria Plumbi Co.  | —              | —            | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <math>\left\{ \begin{array}{l} 3 \text{ gr.} \\ 0.2 \text{ gm.} \\ 1 \text{ gr.} \\ 0.067 \text{ gm.} \end{array} \right\}</math> </div> <div style="margin-right: 10px;"> <math>\left\{ \begin{array}{l} \text{of Lead} \\ \text{Acetate} \\ \text{of} \\ \text{Opium} \end{array} \right\}</math> </div> <div>in each</div> </div> |
| Glycerinum Plumbi Subacetatis  | —              | —            | —  |
| Liquor Plumbi Subacetatis Fortis ("Goulard's Extract")   | —              | —            | —  |
| Liquor Plumbi Subacetatis Dilutus ("Goulard's Lotion")   | —              | —            | —  |
| Unguentum Plumbi Subacetatis   | —              | —            | —  |
| Unguentum Zinci  | —              | —            | 15.0   |
| Liquor Zinci Chloridi  | —              | —            | —  |
| —  | —              | —            | —  |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.   | Metric Dose.                 | Strength per Cent. |
|---|--|------------------------------|--------------------|
| <b>Cupri Sulphas</b> ...  | $\frac{1}{4}$ -2 gr. as astringent   | 16-120 mgms.<br>(astringent) | —                  |
|   | 5-10 gr. as emetic   | 3-6 dgms.<br>(emetic)        | —                  |
| <b>Argenti Nitras</b> ...<br>(Lunar Caustic)                            | $\frac{1}{4}$ - $\frac{1}{2}$ gr. pill. Dis-<br>solved in distilled<br>water it is used as<br>eye-drops and as<br>an injection | 16-30 mgms.                  | —                  |
| <b>Caffeina</b> (Theine)  | 1-5 gr. powder,<br>cachet, or tablet   | 6-30 cgms.                   | —                  |
| <b>Theobrominæ et</b><br><b>Sodii Salicylas</b>                         | 10-20 gr.  | 6-12 dgms.                   | —                  |
| <b>Copaiba</b> ...  | $\frac{1}{2}$ -1 dr. in gelatin<br>capsules, or with<br>solution of Pot-<br>ash  | 2-4 mils.                    | —                  |
| <b>Oleum Santali</b> ...  | 5-30 min. in gela-<br>tin capsule, on<br>lump sugar, or<br>emulsified with<br>Acacia mucilage                                  | 3-18 dmls.                   | —                  |
| <b>Hexamina</b> ...<br>(Urotropine)                                     | 5-15 gr. in aqueous<br>solution  | 3-10 dgms.                   | 98·0               |
| <b>Sodii Phosphas</b><br><b>Acidus</b>                                  | 30-60 gr. in aque-<br>ous solution   | 2-4 gms.                     | 70·0               |
| <b>Potassii</b><br><b>Bicarbonas</b>                                    | 5-30 gr. in aqueous<br>solution  | 3-20 dgms.                   | 99·0               |
| <b>Pilocarpinæ</b><br><b>Nitras</b>                                     | $\frac{1}{20}$ - $\frac{1}{5}$ gr. pill or<br>hypodermic in-<br>jection  | 3-12 mgms.                   | —                  |
| <b>Spiritus Ætheris</b><br><b>Nitrosi</b><br>(Sweet Spirit of<br>Nitro) | 15-60 min.   | 1-4 mils.                    | 1·52-2·66          |
| <b>Ammonii</b><br><b>Chloridum</b>                                      | 5-20 gr. in aqueous<br>solution  | 3-12 dgms.                   | —                  |
| <b>Liquor Ammonii</b><br><b>Acetatis</b>                                | 2-6 dr.  | 8-24 mils.                   | —                  |





## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.             | Imperial Dose.  | Metric Dose.                                  | Strength per Cent. |
|------------------------|---|---|--------------------|
| Ipecacuanhæ<br>Radix   | $\frac{1}{2}$ -2 gr. as an expectorant<br>15-30 gr. as an emetic<br>As expectorant, powder, or cachet<br>As emetic, powdered root stirred into warm water | 3-12 cgms. (expectorant)<br>1-2 gms. (emetic) | 2.0 of Alkaloids   |
| Scilla     ...     ... | 1-3 gr. pill  | 6-20 cgms.                                    | —                  |

# RHYMES, AND MNEMONICS—Continued.

| Preparations.   | Imperial Dose.                                     | Metric Dose.   | Strength per Cent.  |
|---|--|--|---|
| 6 PREPARATIONS.   |  |  |   |
| <i>Take Ipecacuanha quick,<br/>It's just the thing to make<br/>you sick.<br/>It's cultivated in Brazil,<br/>There's Ipecac. cum Scilla<br/>Pill.<br/>Pulv. Ipecac. Compositus<br/>And add to these a Tro-<br/>chiscus,<br/>And three more Preps.<br/>complete the line :<br/>Extract, Urginea Pill,<br/>and Wine.</i> |  |  |   |
| Pilula Ipecacuanhæ cum Scilla   | 4-8 gr.  | 25-50 cgms.  | 5·0 of Opium  |
| Pulvis Ipecacuanhæ Co.<br>("Dover's Powder")  | } 5-15 gr.   | 3-10 dgms.   | { 10·0 of Ipecacu-<br>anha Root<br>10·0 of Opium<br>¼ gr., 0·015 gm. in<br>each |
| Trochiscus Ipecacuanhæ  |  |  |   |
| Extractum Ipecacuanhæ Liquidum  | ½-2 min.   | 3-12 cmls.   | 2·0 of Alkaloids  |
| Pilula Ipecacuanhæ cum Urginea  | 4-8 gr.  | 25-50 cgms.  | 5·0 of Opium  |
| Vinum Ipecacuanhæ   | { 10-30 min.<br>(expector.)<br>4-6 dr.<br>(emetic) | { 6-18 dmls.<br>(expector.)<br>16-24 mils.<br>(emetic) | } 0·1 of Alkaloids  |
| 5 PREPARATIONS.   |  |  |   |
| <i>Squills give a Honey and<br/>a Vinegar,<br/>A Syrup and a Tincture<br/>and a Pilula.</i>   |  |  |   |
| Oxymel Scillæ   | ½-1 dr.  | 2-4 mils.  | —   |
| Acetum Scillæ   | 5-15 min.  | 3-10 dmls.   | 25·0  |
| Syrupus Scillæ  | ½-1 dr.  | 2-4 mils.  | —   |
| Tinctura Scillæ   | 5-15 min.  | 3-10 dmls.   | 20·0  |
| Pilula Scillæ Co.   | 4-8 gr.  | 25-50 cgms.  | —   |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.       | Imperial Dose.  | Metric Dose. | Strength per Cent |
|------------------|---|--------------|-------------------|
| Senegæ Radix ... | —   | —            | —                 |
| Acidum Benzoicum | 5-15 gr. cachet   | 3-10 dgms.   | —                 |
| Ammonii Carbonas | 3-10 gr. dilute aqueous solution  | 2-6 dgms.    | —                 |
| Ammoniacum ...   | 5-15 gr. emulsion or pill   | 3-10 dgms.   | —                 |
| Myrrha ...       | 5-15 gr. emulsion or pill   | 3-10 dgms.   | —                 |
| Ergota ...       | 15-60 gr. of coarsely powdered drug infused in boiling water and then strained. | 1-4 gms.     | —                 |
| Gentianæ Radix   | —   | —            | —                 |
| Calumbæ Radix    | —   | —            | —                 |
| Quassia Lignum   | —   | —            | —                 |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.   | Imperial Dose.                          | Metric Dose.                            | Strength per Cent.                  |
|---|---|---|-------------------------------------|
| Infusum Senegæ  | $\frac{1}{2}$ -1 oz.                    | 15-30 mils.                             | 5·0                                 |
| Tinctura Senegæ   | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 20·0                                |
| Trochiscus Acidi Benzoici   | —                                       | —                                       | $\frac{1}{2}$ gr., 0·03 gm. in each |
| Spiritus Ammoniae Aromaticus ("Sal Volatile")                                     | 20-40 min. (rep.)<br>60-90 min. (sing.) | 12-25 dmls. (rep.)<br>4-6 mils. (sing.) | } —                                 |
| Mistura Ammoniaci   | $\frac{1}{2}$ -1 oz.                    | 15-30 mils.                             |                                     |
| Tinctura Myrrhæ   | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 20·0                                |
| 5 PREPARATIONS.   |   |   |                                     |
| <i>Ergot has two Extracts, an Infusion, An Ammoniated Tincture and Injection.</i> |   |   |                                     |
| Extractum Ergotæ  | 2-8 gr.                                 | 12-50 cgms.                             | —                                   |
| Extractum Ergotæ Liquidum   | 10-30 min.                              | 6-18 dmls.                              | 100·0                               |
| Infusum Ergotæ  | 1-2 oz.                                 | 30-60 mils.                             | 5·0                                 |
| Tinctura Ergotæ Ammoniateda   | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 25·0                                |
| Injectio Ergotæ Hypodermica   | 5-10 min.                               | 3-6 dmls.                               | 33·0                                |
| 3 PREPARATIONS.   |   |   |                                     |
| <i>Gentian—</i>   |   |   |                                     |
| <i>Excites</i> Extractum Gentianæ   | 2-8 gr.                                 | 12-50 cgms.                             | —                                   |
| <i>The</i> Tinctura Gentianæ Co.  | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 10·0                                |
| <i>Intestine</i> Infusum Gentianæ Co.   | $\frac{1}{2}$ -1 oz.                    | 15-30 mils.                             | 1·25                                |
| Infusum Calumbæ (made with cold water)  | $\frac{1}{2}$ -1 oz.                    | 15-30 mils.                             | 5·0                                 |
| Tinctura Calumbæ  | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 10·0                                |
| Infusum Quassiae (made with cold water)   | $\frac{1}{2}$ -1 oz.                    | 15-30 mils.                             | 1·0                                 |
| Tinctura Quassiae   | $\frac{1}{2}$ -1 dr.                    | 2-4 mils.                               | 10·0                                |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.               | Imperial Dose.   | Metric Dose.                                     | Strength per Cent. |
|--------------------------|--|--|--------------------|
| Oleum Menthæ<br>Piperitæ | $\frac{1}{2}$ -3 min. on lump<br>sugar   | 3-18 cmls.                                       | —                  |
| Thymol ... ..            | $\frac{1}{2}$ -2 gr. as a carmin-<br>ative, 15-30 gr.<br>as an anthelmin-<br>tic: cachet, pills,<br>or tablets | 3-12 cgms.<br>(carmin.)<br>1-2 gms.<br>(anthel.) | —                  |
| Asafetida ... ..         | 5-15 gr. pill or<br>emulsion   | 3-10 dgms.                                       | —                  |
| Iodum ... ..             | —  | —  | 99·0               |
| Cantharidinum ...        | —  | —  | —                  |

# RHYMES, AND MNEMONICS—Continued.

| Preparations.  | Imperial Dose.       | Metric Dose. | Strength per Cent.  |
|--|----------------------|--------------|---------------------|
| Aqua Menthæ Piperitæ   | —                    | —            | 0·1                 |
| Spiritus Menthæ Piperitæ   | 5-20 min.            | 3-12 dmls.   | 10·0                |
| —  | —                    | —            | —                   |
| Spiritus Ammonię Feti-   | 20-40 min.           | 12-25 dmls.  | }                   |
| dus  | (rep.)               | (rep.)       |                     |
|  | 60-90 min.           | 4-6 mls.     |                     |
|  | (sing.)              | (sing.)      |                     |
| Tinctura Asafetidæ   | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | 20·0                |
| Tinctura Iodi Fortis   | —                    | —            | 10·0                |
| Tinctura Iodi Mitis  | 2-5 min.             | 12-30 cmls.  | 2·5                 |
| Unguentum Iodi   | —                    | —            | 4·0                 |
| 7 PREPARATIONS.  |                      |              |                     |
| <i>Now, if you need a really<br/>warming Plaster,<br/>Apply Emplastrum Cale-<br/>faciens,<br/>But if you want the<br/>blisters to come faster,<br/>Paint on Collodium,<br/>known as Vesicans.<br/>There's an Epispastic<br/>Liquor, an Unguentum,<br/>And a Tincture (strength<br/>0·01 per centum).<br/>If the pain you cannot<br/>master,<br/>Then try the other Plaster,<br/>Or Acetum Canth. (0·05<br/>per cent.).</i> |                      |              |                     |
| Emplastrum Calefaciens   | —                    | —            | 0·02 of Cantharidin |
| Collodium Vesicans   | —                    | —            | 0·4     "           |
| Liquor Epispasticus  | —                    | —            | 0·4     "           |
| Unguentum Cantharidini   | —                    | —            | 0·033   "           |
| Tinctura Cantharidini  | 2-5 min.             | 12-30 cmls.  | 0·01     "          |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.                         | Imperial Dose.  | Metric Dose.   | Strength per Cent.            |
|------------------------------------|---|--|-------------------------------|
| Cantharidinum—<br><i>continued</i> |   |  |                               |
| Camphora ...                       | 2-5 gr. pill, or in alcoholic solution dropped on lump sugar                        | 12-30 cgms.  | —                             |
| Liquor Ammoniaë Fortis             | —   | —  | 32·5 by weight of Ammonia gas |
| Oleum Terebinthinæ Rectificatum    | 2-10 min. in bronchitis, in phthisis, and as a diuretic; 3-4 dr. as an anthelmintic | 12-60 cmls. as diuretic, etc.; 12-15 mls. (anthelmintic) | —                             |
| Potassa Caustica                   | —   | —  | 85·0                          |
| Glycerinum ...                     | 1-2 dr.   | 4-8 mls.   | —                             |
| Sodii Bicarbonas                   | 5-30 gr. in aqueous solution  | 3·20 dgms.   | 98·5                          |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.  | Imperial Dose.       | Metric Dose. | Strength per Cent.                |
|--|----------------------|--------------|-----------------------------------|
| Emplastrum Cantharidini  | —                    | —            | 0·2 of Cantharidin                |
| Acetum Cantharidini  | —                    | —            | 0·05 „                            |
| 5 PREPARATIONS.  |                      |              |                                   |
| <i>The Camphor Preps. remember<br/>           In this dreary cold November :<br/>           Linimenta two, and Aqua for the Spring.<br/>           Take the Spiritus from China,<br/>           When the weather's getting finer,<br/>           And Tinct. Camph. Co. is just the very thing.</i> |                      |              |                                   |
| Linimentum Camphoræ<br>("Camphorated Oil")   | —                    | —            | 20·0                              |
| Linimentum Camphoræ Ammoniatum   | —                    | —            | 12·5                              |
| Aqua Camphoræ  | —                    | —            | 0·1                               |
| Spiritus Camphoræ  | 5-20 min.            | 3-12 dmls.   | 10·0                              |
| Tinctura Camphoræ Co.<br>("Paregoric Elixir")  | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | 0·05 of Morphine                  |
| Liquor Ammoniaë  | —                    | —            | 10·0 by weight of<br>Ammonia gas. |
| Linimentum Ammoniaë  | —                    | —            | 25·0                              |
| Linimentum Terebinthinæ  | —                    | —            | 65·0                              |
| Linimentum Terebinthinæ Aceticum   | —                    | —            | 44·5                              |
| Liquor Potassæ   | 10-30 min.           | 6-18 dmls.   | 5·0                               |
| Suppositoria Glycerini   | —                    | —            | 70·0                              |
| —  | —                    | —            | —                                 |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.  | Imperial Dose.   | Metric Dose.                          | Strength per Cent. |
|---|--|---------------------------------------|--------------------|
| <b>Creta Preparata</b>                                      | 15-60 gr. powder, cachet, or with mucilage of Tragacanth | 1-4 gms.                              | —                  |
| <b>Calcii Carbonas Præcipitatus</b><br>(Precipitated Chalk) | 15-60 gr. powder or cachet                               | 1-4 gms.                              | —                  |
| <b>Calcii Hydras</b> ...                                    | —  | —                                     | —                  |
| <b>Magnesia Levis</b>                                       | 5-20 gr. (rep.)<br>30-60 gr. (sing.)                     | 3-12 dgms. (rep.)<br>2-4 gms. (sing.) | —                  |
| <b>Magnesia Ponderosa</b>                                   | Ditto  | Ditto                                 | —                  |
| <b>Magnesii Carbonas Levis</b>                              | Ditto  | Ditto                                 | —                  |
| <b>Magnesii Carbonas Ponderosus</b>                         | Ditto  | Ditto                                 | —                  |
| <b>Acidum Carbolicum</b><br>(Phenol)                        | 1-3 gr. in capsule, or dilute aqueous solution           | 6-20 cgms.                            | —                  |

# RHYMES, AND MNEMONICS—*Continued.*

| Preparations.   | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|---|----------------------|--------------|--------------------|
| Mistura Cretæ   | $\frac{1}{2}$ -1 oz. | 15-30 mils.  | 3·0                |
| Pulvis Cretæ Aromaticus   | 10-60 gr.            | 6-40 dgms.   | 25·0               |
| Pulvis Cretæ Aromaticus cum Opio  | 10-60 gr.            | 6-40 dgms.   | 2·5 of Opium       |
| —   | —                    | —            | —                  |
| Liquor Calcis ("Lime-Water")  | 1-4 oz.              | 30-120 mils. | 0·1                |
| Liquor Calcis Saccharatus   | 15-60 min.           | 1-4 mils.    | 2·0                |
| Linimentum Calcis   | —                    | —            | 50·0               |
| —   | —                    | —            | —                  |
| —   | —                    | —            | —                  |
| Liquor Magnesii Bicarbonatis ("Fluid Magnesia")   | 1-2 oz.              | 30-60 mils.  | 2·0                |
| —   | —                    | —            | —                  |
| <p>5 PREPARATIONS.</p> <p><i>Carbolic is a Caustic,</i><br/> <i>There's an Ointment</i><br/> <i>for the Skin,</i><br/> <i>The Acid's antiseptic</i><br/> <i>For the Viscera within.</i><br/> <i>Suppositoria and Lozenges</i><br/> <i>Are made from Coal-</i><br/> <i>Tar oil,</i><br/> <i>Now add the Glycerinum</i><br/> <i>In case the rhyme we</i><br/> <i>spoil.</i></p> |                      |              |                    |
| Unguentum Acidi Carbolic  | —                    | —            | 3·0                |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.   | Imperial Dose.  | Metric Dose. | Strength per Cent. |
|--|---|--------------|--------------------|
| <b>Acidum Carbolicum</b> (Phenol)—<br><i>continued</i> |   |              |                    |
| <b>Cresol</b> ...                                      | 1-3 min. in capsule or dilute aqueous solution                              | 6-18 cmls.   | —                  |
| <b>Creosotum</b> ...                                   | 1-5 min. diluted with twice its volume of almond oil, and taken in capsules | 6-30 cmls.   | —                  |
| <b>Guaiacol Carbonas</b>                               | 5-15 gr. powder, cachet, or with mucilage of Tragacanth and water           | 3-10 dgms.   | —                  |
| <b>Liquor Formaldehydi</b>                             | —   | —            | 36·0-38·0          |
| <b>Iodoformum</b> ...                                  | $\frac{1}{2}$ -3 gr. pill   | 3-20 cgms.   | —                  |
| <b>Acidum Boricum</b> (Boracic Acid)                   | 5-15 gr. cachet or in aqueous solution                                      | 3-10 dgms.   | 99·5               |
| <b>Borax Purificatus</b>                               | 5-15 gr. in aqueous solution  | 3-10 dgms.   | 98·9               |
| <b>Calx Chlorinata Potassii</b>                        | —   | —            | 30·0 of Chlorine   |
| <b>Permanganas Potassii Chloras</b>                    | 1-3 gr. pill  | 6-20 cgms.   | 99·0               |
|  | 5-15 gr. lozenge or gargle in inflammation of stomach, tonsils, or pharynx  | 3-10 dgms.   | —                  |
| <b>Filix Mas</b> ...                                   | —   | —            | —                  |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.                     | Imperial Dose. | Metric Dose. | Strength per Cent.                  |
|-----------------------------------|----------------|--------------|-------------------------------------|
| Acidum Carbolicum Liquefactum     | 1-3 min.       | 6-18 cmls.   | 87·0                                |
| Suppositoria Acidi Carbolic       | —              | —            | 1 gr., 0·067 gm. in each            |
| Trochiscus Acidi Carbolic         | —              | —            | $\frac{1}{2}$ gr., 0·03 gm. in each |
| Glycerinum Acidi Carbolic         | —              | —            | 20·0                                |
| Liquor Cresol Saponatus ("Lysol") | —              | —            | 50·0                                |
| Unguentum Creosoti                | —              | —            | 10·0                                |
| —                                 | —              | —            | —                                   |
| Liquor Formaldehydi Saponatus     | —              | —            | 7·2                                 |
| Suppositoria Iodoformi            | —              | —            | 3 gr., 0·2 gm. in each              |
| Unguentum Iodoformi               | —              | —            | 10·0                                |
| Glycerinum Acidi Borici           | —              | —            | 30·0                                |
| Unguentum Acidi Borici            | —              | —            | 10·0                                |
| Glycerinum Boracis                | —              | —            | 16·6                                |
| Mel Boracis                       | —              | —            | 10·0                                |
| Liquor Sodæ Chlorinatæ            | 10-20 min.     | 6-12 dmls.   | 2·5 of Chlorine                     |
| Liquor Potassii Permanganatis     | 2-4 dr.        | 7-15 mls.    | 1·0                                 |
| Trochiscus Potassii Chloratis     | —              | —            | 3 gr., 0·2 gm. in each              |
| Extractum Filicis Liquidum        | 45-90 min.     | 3-6 mls.     | 20·0 of Filicin                     |



## DRUGS AND PREPARATIONS, WITH DOSES,

| Substance.         | Imperial Dose.  | Metric Dose. | Strength per Cent.       |
|--------------------|---|--------------|--------------------------|
| Santoninum ...     | 1-3 gr. powder or cachet at night. It acts with a dose of Castor Oil in the morning to expel the round worm. It does not expel the tapeworm | 6-20 cgms.   | —                        |
| Potassa Sulphurata | —   | —            | —                        |
| Calx Sulphurata    | $\frac{1}{4}$ -1 gr. pill or tablet   | 16-60 mgms.  | 50·0 of Calcium Sulphide |
| Acidum Citricum    | 5-20 gr. in aqueous solution  | 3-12 dgms.   | 99·5                     |
| Acidum Tartaricum  | 5-20 gr. in aqueous solution  | 3-12 dgms.   | 99·0                     |
| Pyroxylinum ...    | —   | —            | —                        |

RHYMES, AND MNEMONICS—*Continued.*

| Preparations.        | Imperial Dose. | Metric Dose. | Strength per Cent.      |
|----------------------|----------------|--------------|-------------------------|
| Trochiscus Santonini | —              | —            | 1 gr , 0·06 gm. in each |
| —                    | —              | —            | —                       |
| —                    | —              | —            | —                       |
| —                    | —              | —            | —                       |
| —                    | —              | —            | —                       |
| Collodium            | —              | —            | —                       |



## PREPARATIONS ARRANGED ALPHABETICALLY AND IN ORDER OF ASCENDING MAGNITUDE OF DOSES

NOTE.—Only the strengths of the Potent Drugs (see p. 17) and their Preparations are required for the Examination.

### DOSES OF ARSENIC SALTS

Note.—The doses ascend in order ;

|                   |     |     |     |     | Gr.                           |
|-------------------|-----|-----|-----|-----|-------------------------------|
| Acidum Arseniosum | ... | ... | ... | ... | $\frac{1}{64} - \frac{1}{8}$  |
| Sodii Arsenas     | ... | ... | ... | ... | $\frac{1}{40} - \frac{1}{10}$ |
| Arsenii Iodidum   | ... | ... | ... | ... | $\frac{1}{20} - \frac{1}{5}$  |

### ARSENICAL LIQUORS

Note.—They all have strength, 1 per cent.

They all have dose, min. 2-8.

Except Donovan's Solution (dose, min. 5-20).

*I.e.*, Liq. Arsenii et Hydrargyri Iodidi.

### ACIDS

| Preparations.                  | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|--------------------------------|----------------------|--------------|--------------------|
| Acidum Carbolicum Liquefactum  | 1-3 min.             | 6-18 cmls.   | 87·0               |
| „ Aceticum Dilutum             | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | 5·0                |
| „ Hydrochloricum Dilutum       | 5-20 min.            | 3-12 dmls.   | 10·0               |
| „ Nitricum Dilutum             | Ditto                | Ditto        | 10·0               |
| „ Nitro-Hydrochloricum Dilutum | Ditto                | Ditto        | —                  |
| „ Sulphuricum Dilutum          | Ditto                | Ditto        | 10·0               |
| „ Sulphuricum Aromaticum       | Ditto                | Ditto        | 13·3               |

Note.—Five of the seven Acids have dose, min. 5-20.

These five are the three commonest Acids—*i.e.*, Hydrochloric, Nitric, and Sulphuric—and combinations of them.

## AQUÆ

| Preparations.        | Imperial Dose. | Metric Dose. | Strength per Cent. |
|----------------------|----------------|--------------|--------------------|
| Aqua Chloroformi ... | —              | —            | 0·25               |
| „ Camphoræ ...       | —              | —            | 0·1                |
| „ Menthæ Piperitæ    | —              | —            | 0·1                |

## BROMIDES AND IODIDES

The maximum dose of all the Bromides is 30 grains.

„ „ „ Iodides is 20 grains.

## CITRATES

| Preparations.         | Imperial Dose. | Metric Dose. | Strength per Cent. |
|-----------------------|----------------|--------------|--------------------|
| Caffeinæ Citras ...   | 2-10 gr.       | 12-60 cgms.  | —                  |
| „ Citras Effervescens | 60-120 gr.     | 4-8 gms.     | 4·0                |

*Note.*—The only two Citrates are those of Caffeine.

## CONFECTIONS

| Preparations.       | Imperial Dose. | Metric Dose. | Strength per Cent. |
|---------------------|----------------|--------------|--------------------|
| Confectio Sennæ ... | 60-120 gr.     | 4-8 gms.     | 10·0               |
| „ Sulphuris ...     | 60-120 gr.     | 4-8 gms.     | 45·0               |

*Note.*—The only four Confections in the B.P. have dose, gr. 60 120.

Two only are in the Schedule—viz., Confectio Sulphuris, Confectio Sennæ. Both are laxatives.



## COLLODIA

| Preparations.     | Imperial Dose. | Metric Dose. | Strength per Cent. |
|-------------------|----------------|--------------|--------------------|
| Collodium ... ..  | —              | —            | —                  |
| „ Vesicans ... .. | —              | —            | 0·4 of Cantharidin |

*Note.*—There are three Collodia in the B.P. Two only are in the Schedule.

## DECOCTIONS

| Preparations.          | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|------------------------|----------------------|--------------|--------------------|
| Decoctum Aloes Co. ... | $\frac{1}{2}$ -2 oz. | 15-60 mils.  | 1·0                |

## EXTRACTS

| Preparations.                 | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|-------------------------------|----------------------|--------------|--------------------|
| Extractum Belladonnæ Liquidum | —                    | —            | 0·75 of Alkaloids  |
| „ Belladonnæ Siccum           | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | 1·0 of Alkaloids   |
| „ Cannabis Indica             | Ditto                | Ditto        | —                  |
| „ Colchici ... ..             | Ditto                | Ditto        | —                  |
| „ Nucis Vomicae Siccum        | Ditto                | Ditto        | 5·0 of Strychnine  |
| „ Opii Siccum ... ..          | Ditto                | Ditto        | 20·0 of Morphine   |
| „ Strophanthi Semina          | Ditto                | Ditto        | 50·0               |
| „ Aloe ... ..                 | 1-4 gr.              | 6-25 cgms.   | —                  |
| „ Cascarae Sagradae Siccum    | 2-8 gr.              | 12-50 cgms.  | —                  |
| „ Colocynthis Co.             | Ditto                | Ditto        | —                  |
| „ Ergotæ ... ..               | Ditto                | Ditto        | —                  |
| „ Gentianæ ... ..             | Ditto                | Ditto        | —                  |
| „ Hyoscyami ... ..            | Ditto                | Ditto        | 0·3 of Alkaloids   |

EXTRACTS—*Continued.*

| Preparations.              | Imperial Dose.        | Metric Dose. | Strength per Cent. |
|----------------------------|-----------------------|--------------|--------------------|
| Extractum Rhei ...         | 2·8 gr.               | 12·50 cgms   | —                  |
| „ Ipecacuanhæ Liquidum     | $\frac{1}{2}$ -2 min. | 3-12 cmls.   | 2·0 of Alkaloids   |
| „ Nucis Vomiceæ Liquidum   | 1-3 min.              | 6-18 cmls.   | 1·5 of Strychnine  |
| „ Hamamelidis Liquidum     | 5-15 min.             | 3-10 dmls.   | 100·0              |
| „ Cinchonæ Liquidum        | 5-15 min.             | 3-10 dmls.   | 5·0 of Alkaloids   |
| „ Opii Liquidum ...        | 5-30 min.             | 3-18 dmls.   | 0·75 of Morphine   |
| „ Ergotæ Liquidum          | 10-30 min.            | 6-18 dmls.   | 100·0              |
| „ Cascaræ Sagradæ Liquidum | 30-60 min.            | —            | —                  |
| „ Filicis Liquidum         | 45-90 min.            | 3-6 dmls.    | 20·0 of Filicin    |

*Note.*—There are twenty-two Extracts: six have dose, gr.  $\frac{1}{4}$ -1; six have dose, gr. 2-8

All those whose doses are  $\frac{1}{4}$ -1 and 2-8 grains are administered in pill form.

All the “Liquid” Extracts have minim doses, except Belladonna.

All the “Dry” Extracts have dose, gr.  $\frac{1}{4}$ -1, except Cascara.

## GLYCERINES

| Preparations.           | Imperial Dose. | Metric Dose. | Strength per Cent. |
|-------------------------|----------------|--------------|--------------------|
| Glycerinum Aluminis ... | —              | —            | 16·6               |
| „ Boracis ...           | —              | —            | 16·6               |
| „ Acidi Borici ...      | —              | —            | 30·0               |
| „ Acidi Carbolici       | —              | —            | 20·0               |
| „ Acidi Tannici ...     | —              | —            | 20·0               |
| „ Plumbi Subacetatis    | —              | —            | —                  |



## HYPODERMIC INJECTIONS

| Preparations.                   | Imperial Dose. | Metric Dose. | Strength per Cent.               |
|---------------------------------|----------------|--------------|----------------------------------|
| Injectio Strychninæ Hypodermica | 5-10 min.      | 3-6 dmls.    | 0·75 of Strychnine Hydrochloride |
| „ Apomorphinæ Hypodermica       | Ditto          | Ditto        | 1·0 of Apomorphine Hydrochloride |
| „ Morphinæ Hypodermica          | Ditto          | Ditto        | 2·5 of Morphine Tartrate         |
| „ Cocainæ Hypodermica           | Ditto          | Ditto        | 5·0 of Cocaine Hydrochloride     |
| „ Ergotæ Hypodermica            | Ditto          | Ditto        | 33·0 of Ergot                    |

*Note.*—The dose of the five Injections is min. 5-10.

Apomorphine Hydrochloride produces emesis ; Cocaine Hydrochloride relieves pain ; Morphine Tartrate relieves pain ; Ergot checks uterine hæmorrhage.

## INFUSIONS

| Preparations.         | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|-----------------------|----------------------|--------------|--------------------|
| Infusum Digitalis ... | 2-4 dr.              | 7-15 mils.   | 0·7                |
| „ Ergotæ ...          | 1-2 oz.              | 30-60 mils.  | 5·0                |
| „ Calumbæ ...         | $\frac{1}{2}$ -1 oz. | 15-30 mils   | 5·0                |
| „ Cinchonæ Acidum     | Ditto                | Ditto        | 5·0                |
| „ Gentianæ Co. ...    | Ditto                | Ditto        | 1·25               |
| „ Rhei ...            | Ditto                | Ditto        | 5·0                |
| „ Sennæ ...           | Ditto                | Ditto        | 10·0               |
| „ Senegæ ...          | Ditto                | Ditto        | 5·0                |
| „ Quassia ...         | Ditto                | Ditto        | 1·0                |

*Note.*—All the Infusions except two have dose,  $\frac{1}{2}$ -1 fluid ounce.

Exceptions : Digitalis, dr. 2-4 ; Ergot, oz. 1-2.

All the Infusions are made with boiling water, except Calumba and Quassia, which are made with cold water.

## IODIDES AND BROMIDES

The maximum dose of all the Iodides is 20 grains.

„ „ „ Bromides is 30 grains.

## LINIMENTS

| Preparations.                   | Imperial Dose | Metric Dose. | Strength per Cent. |
|---------------------------------|---------------|--------------|--------------------|
| Linimentum Aconiti ...          | —             | —            | 0·2 of Alkaloids   |
| „ Ammoniae ...                  | —             | —            | 25·0               |
| „ Belladonnae ...               | —             | —            | 0·375 of Alkaloids |
| „ Calcis ...                    | —             | —            | 50·0               |
| „ Camphoræ ...                  | —             | —            | 20·0               |
| „ Camphoræ Am-<br>moniatum      | —             | —            | 12·5               |
| „ Chloroformi ...               | —             | —            | 50·0               |
| „ Crotonis ...                  | —             | —            | 12·0               |
| „ Hydrargyri ...                | —             | —            | 10·0 of Mercury    |
| „ Opii ...                      | —             | —            | 0·5 of Morphine    |
| „ Potassii Iodidi cum<br>Sapone | —             | —            | 10·0               |
| „ Terebinthinæ ...              | —             | —            | 65·0               |
| „ Terebinthinæ Ace-<br>ticum    | —             | —            | 44·5               |

## LAMELLÆ

| Preparations.        | Imperial Dose. | Metric Dose. | Strength per Cent.   |
|----------------------|----------------|--------------|----------------------|
| Lamellæ Atropinæ ... | —              | —            | $\frac{1}{3000}$ gr. |
| „ Physostigminæ ...  | —              | —            | $\frac{1}{1000}$ gr. |
| „ Homatropinæ ...    | —              | —            | $\frac{1}{100}$ gr.  |
| „ Cocainæ ...        | —              | —            | $\frac{1}{50}$ gr.   |

*Note.*—The strengths ascend in order :

Atropinæ,  $\frac{1}{3000}$  gr. Atropine Sulphate in each.

Physostigminæ,  $\frac{1}{1000}$  gr. Physostigmine Sulphate in each.

Homatropinæ,  $\frac{1}{100}$  gr. Homatropine Hydrobromide in each.

Cocainæ,  $\frac{1}{50}$  gr. Cocaine Hydrochloride in each.

Atropine dilates the pupil ; Homatropine dilates the pupil ;  
Physostigmine contracts the pupil ; Cocaine anæsthetises the  
conjunctiva.

The effects of Homatropine pass off four times as fast as those  
of Atropine.



## LOTIONS

| Preparations.          | Imperial Dose. | Metric Dose. | Strength per Cent. |
|------------------------|----------------|--------------|--------------------|
| Lotio Hydrargyri Flava | —              | —            | 0·46               |
| „ Hydrargyri Nigra     | —              | —            | 0·685              |

*Note.*—These are the only two Lotions in the B.P.

## ONE PER CENT. LIQUORS

| Preparations.                  | Imperial Dose.        | Metric Dose. | Strength per Cent                                    |
|--------------------------------|-----------------------|--------------|--|
| Liquor Atropinæ Sulphatis      | $\frac{1}{2}$ -1 min. | 3-6 cmls.    | 1·0 of Atropine Sulphate                             |
| „ Trinitrini ...               | $\frac{1}{2}$ -2 min. | 3-12 cmls.   | 1·0 of Trinitro-glycerin                             |
| „ Arsenicalis ...              | 2-8 min.              | 12-50 cmls.  | 1·0 of Arsenious Anhydride                           |
| „ Arsenici Hydrochloricus      | Ditto                 | Ditto        | 1·0 of Arsenious Anhydride                           |
| „ Sodii Arsenatis ...          | Ditto                 | Ditto        | 1·0 of Anhydrous Sodium Arsenate                     |
| „ Strychninæ Hydrochloridi     | Ditto                 | Ditto        | 1·0 of Strychnine Hydrochloride                      |
| „ Arsenii et Hydrargyri Iodidi | } 5-20 mins.          | 3-12 dmls.   | 1·0 { of Arsenious Iodide and of Red Mercuric Iodide |
| „ Morphinæ Acetatis            |                       |              | 1·0 of Morphine Acetate                              |
| „ Morphinæ Hydrochloridi       | Ditto                 | Ditto        | 1·0 of Morphine Hydrochloride                        |
| „ Morphinæ Tartratis           | Ditto                 | Ditto        | 1·0 of Morphine Tartrate                             |
| „ Potassii Permanganatis       | 2-4 dr.               | 7-15 mls.    | 1·0 of Potassium Permanganate                        |

*Note.*—Of the eleven 1 per cent. Liquors four have dose, min. 2-8 ; three have dose, min. 10-60.

The three are the Morphine Liquors.



## OTHER LIQUORS

| Preparations.                  | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|--------------------------------|----------------------|--------------|--------------------|
| Liquor Ferri Perchloridi       | 5-15 min.            | 3-10 dmls.   | 5·0 of Iron        |
| „ Sodæ Chlorinatæ              | 10-20 min.           | 6-12 dmls.   | 2·5 of Chlorine    |
| „ Potassæ ... ..               | 10-30 min.           | 6-18 dmls.   | 5·0                |
| „ Adrenalini Hydrochloricus    | 10-30 min.           | 6-18 dmls.   | 0·1                |
| „ Calcis Saccharatus           | 15-60 min.           | 1-4 mls.     | 2·0                |
| „ Hydrargyri Perchloridi       | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | 0·1                |
| „ Bismuthi et Ammonii Citratis | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | —                  |
| „ Magnesii Bicarbonatis        | 1-2 oz.              | 30-60 mls.   | 2·0                |
| „ Calcis ... ..                | 1-4 oz.              | 30-120 mls.  | 0·1                |
| „ Epispasticus ... ..          | —                    | —            | 0·4 of Cantharidin |
| „ Formaldehydi Saponatus       | —                    | —            | 7·2                |
| „ Ammoniaë ... ..              | —                    | —            | 10·0               |
| „ Ferri Persulphatis           | —                    | —            | 14·5 of Iron       |
| „ Cresol Saponatus             | —                    | —            | 50·0               |
| „ Hamamelidis ... ..           | —                    | —            | 100·0              |
| „ Plumbi Subacetatis Dilutus   | —                    | —            | —                  |
| „ Plumbi Subacetatis Fortis    | —                    | —            | —                  |
| „ Zinci Chloridi               | —                    | —            | —                  |

*Note.*—Of the twenty-nine Liquors four have strength, under 1 per cent. ; eleven have strength, 1 per cent.

## MIXTURES

| Preparations.         | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|-----------------------|----------------------|--------------|--------------------|
| Mistura Ammoniaci ... | $\frac{1}{2}$ -1 oz. | 15-30 mls.   | 3·0                |
| „ Cretæ ... ..        | Ditto                | Ditto        | 3·0                |
| „ Ferri Co. ... ..    | Ditto                | Ditto        | —                  |
| „ Guaiaci ... ..      | Ditto                | Ditto        | 2·5                |
| „ Olei Ricini ... ..  | 1-2 oz.              | 30-60 mls.   | 37·5               |
| „ Sennæ Co. ... ..    | Ditto                | Ditto        | —                  |

*Note.*—All the Mixtures except two have dose,  $\frac{1}{2}$ -1 oz.

Exceptions : Mist. Olei Ricini, 1-2 oz. ; Mist. Sennæ Co., 1-2 oz.



## NEUTRAL BODIES

*A* Aloin.  
*S* Santoninum.  
*S* Salicinum.

## NITRITES

*S* Sodii Nitris.  
*A* Amyl Nitris.  
*L* Liquor Trinitrini.  
*T* Tabellæ Trinitrini.  
*S* Spiritus Ætheris Nitrosi.

## OINTMENTS

| Preparations. |                             |     |     | Strength per Cent.                   |
|---------------|-----------------------------|-----|-----|--------------------------------------|
| Unguentum     | Acidi Borici                | ... | ... | 10·0                                 |
| "             | Acidi Carbolici             | ... | ... | 3·0                                  |
| "             | Acidi Salicylici            | ..  | ..  | 2·0                                  |
| "             | Aconitinæ                   | ... | ... | 2·0 of Aconitine                     |
| "             | Atropinæ                    | ... | ... | 2·0 of Atropine                      |
| "             | Belladonnæ                  | ... | ..  | 0·6 of Alkaloids                     |
| "             | Cantharidini                | ... | ... | 0·033 of Cantharidin                 |
| "             | Cocainæ                     | ... | ... | 4·0 of Cocaine                       |
| "             | Cresoti                     | ... | ... | 10·0                                 |
| "             | Gallæ cum Opio              | ... | ... | { 18·5 of Galls<br>7·5 of Opium      |
| "             | Hamamelidis                 | ... | ... | 10·0 of the Liquid Extract           |
| "             | Hydrargyri                  | ... | ... | 30·0                                 |
| "             | Hydrargyri Ammoniaci        | ... | ... | 5·0                                  |
| "             | Hydrargyri Co.              | ... | ... | 12·0 of Mercury                      |
| "             | Hydrargyri Iodidi Rubri     | ... | ... | 4·0                                  |
| "             | Hydrargyri Nitratis         | ... | ... | 6·6 of Mercury                       |
| "             | Hydrargyri Nitratis Dilutum | ... | ... | 1·3 of Mercury                       |
| "             | Hydrargyri Oleati           | ... | ... | 25·0                                 |
| "             | Hydrargyri Oxidi Flavi      | ... | ... | 2·0                                  |
| "             | Hydrargyri Oxidi Rubri      | ... | ... | 10·0                                 |
| "             | Hydrargyri Subchloridi      | ... | ... | 20·0                                 |
| "             | Iodi                        | ... | ... | 4·0                                  |
| "             | Iodoformi                   | ... | ... | 10·0                                 |
| "             | Myrobalani cum Opio         | ... | ... | { 18·5 of Myrobalans<br>7·5 of Opium |
| "             | Plumbi Iodidi               | ... | ... | 10·0                                 |
| "             | Plumbi Subacetatis          | ... | ... | —                                    |
| "             | Potassii Iodidi             | ... | ... | 10·0                                 |
| "             | Sulphuris                   | ... | ... | 10·0                                 |
| "             | Zinci                       | ... | ... | 15·0                                 |

## OILS

| Preparations.          | Imperial Dose. | Metric Dose. | Strength per Cent. |
|------------------------|----------------|--------------|--------------------|
| Oleum Phosphoratum ... | 1-5 min.       | 6-30 cmls.   | 1·0 of Phosphorus  |
| „ Copaibæ ...          | 5-20 min.      | 3-12 dmls.   | —                  |

## OXYMELS

| Preparations.     | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|-------------------|----------------------|--------------|--------------------|
| Oxymel Scillæ ... | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | —                  |
| Mel Boracis ...   | —                    | —            | 10·0               |

## PILLS

| Preparations.                | Imperial Dose. | Metric Dose | Strength per Cent. |
|------------------------------|----------------|-------------|--------------------|
| Pilula Phosphori ...         | 1-4 gr.        | 6-25 cgms.  | 1·0                |
| „ Plumbi cum Opio            | 2-4 gr.        | 12-25 cgms. | 1·2 of Morphine    |
| „ Saponis Co. ...            | 2-4 gr.        | 12-25 cgms. | 2·0 of Morphine    |
| „ Quininæ Sulphatis          | 2-8 gr.        | 12-50 cgms. | 82·0               |
| „ Aloes ...                  | 4-8 gr.        | 25-50 cgms. | —                  |
| „ Aloes et Asafetida         | Ditto          | Ditto       | —                  |
| „ Aloes et Ferri ...         | Ditto          | Ditto       | —                  |
| „ Aloes et Myrrhæ            | Ditto          | Ditto       | —                  |
| „ Colocynthis Co.            | Ditto          | Ditto       | —                  |
| „ Colocynthis et Hyoseyami   | Ditto          | Ditto       | —                  |
| „ Ipecacuanhæ cum Scilla     | Ditto          | Ditto       | 0·5 of Morphine    |
| „ Ipecacuanhæ cum Urginea    | Ditto          | Ditto       | 0·5 of Morphine    |
| „ Hydrargyri ...             | Ditto          | Ditto       | 33·3               |
| „ Hydrargyri Subchloridi Co. | Ditto          | Ditto       | —                  |
| „ Rhei Co. ...               | Ditto          | Ditto       | —                  |



PILLS—*Continued.*

| Preparations.         | Imperial Dose. | Metric Dose. | Strength per Cent. |
|-----------------------|----------------|--------------|--------------------|
| Pilula Scillæ Co. ... | 4-8 gr.        | 25-50 cgms.  | —                  |
| „ Ferri ...           | 5-15 gr.       | 3-10 dgms.   | 22·5               |

*Note.*—All Pills have dose, gr. 4-8, except five.

*Contents of Pilula Hydrargyri Subchloridi Co.*  
(*Plummer's Pill*).

Plummer's Pill: Ol. Ricini,  
Hydrargyri Subchloridi.  
Now add the Resin of Guaiacum  
And Sulphate of Antimonium.

## PLASTERS

| Preparations.         | Imperial Dose. | Metric Dose. | Strength per Cent.  |
|-----------------------|----------------|--------------|---------------------|
| Emplastrum Belladonnæ | —              | —            | 0·25 of Alkaloids   |
| „ Calefaciens ..      | —              | —            | 0·02 of Cantharidin |
| „ Cantharidini ...    | —              | —            | 0·2 of Cantharidin  |
| „ Hydrargyri ...      | —              | —            | 32·8                |
| „ Plumbi ...          | —              | —            | —                   |

## POWDERS

| Preparations.                | Imperial Dose. | Metric Dose. | Strength per Cent. |
|------------------------------|----------------|--------------|--------------------|
| Pulvis Hydrargyrum cum Creta | 1-5 gr.        | 6-30 cgms.   | 33·3 of Mercury    |
| „ Ipecacuanhæ Co.            | 5-15 gr.       | 3-10 dgms.   | 1·0 of Morphine    |
| „ Opii Co. ...               | 5-15 gr.       | 3-10 dgms.   | 1·0 of Morphine    |
| „ Kino Co. ...               | 5-20 gr.       | 3-12 dgms.   | 0·5 of Morphine    |
| „ Cretæ Aromaticus cum Opio  | 10-60 gr.      | 6-40 dgms.   | 0·25 of Morphine   |
| „ Cretæ Aromaticus           | Ditto          | Ditto        | 25·0               |

POWDERS—*Continued.*

| Preparations.          | Imperial Dose. | Metric Dose. | Strength per Cent. |
|------------------------|----------------|--------------|--------------------|
| Pulvis Catechu Co. ... | 10-60 gr.      | 6-40 dgms.   | —                  |
| „ Jalapæ Co. ...       | Ditto          | Ditto        | 30·0               |
| „ Rhei Co. ...         | Ditto          | Ditto        | —                  |
| „ Glycyrrhizæ Co. ...  | 60-120 gr.     | 4-8 gms.     | —                  |

*Note.*—There are ten Powders. The dose of five of them is gr. 10-60.  
Three of the remaining five are Powders of Opium.

## PUPIL DILATORS

Three **A**'s. Aconite, Atropine, Amyl Nitrite.

One **B**. Belladonna.

Two **C**'s. Cocaine, Chloroform (third stage).  
Dilate.

*Note.*—During the second stage of Chloroform anæsthesia or poisoning, the pupils are contracted.

## SALINES

| Preparations.                      | Imperial Dose.         | Metric Dose.          | Strength per Cent. |
|------------------------------------|------------------------|-----------------------|--------------------|
| Sodii Phosphas ...                 | 30-120 gr.<br>(rep.)   | 2-8 gms.<br>(rep.)    | } 99·5             |
|                                    | 150-240 gr.<br>(sing.) | 10-16 gms.<br>(sing.) |                    |
| Sodii Sulphas ...                  | 30-120 gr.<br>(rep.)   | 2-8 gms.<br>(rep.)    | } —                |
|                                    | 150-240 gr.<br>(sing.) | 10-16 gms.<br>(sing.) |                    |
| Magnesii Sulphas Effer-<br>vescens | 60-180 gr.<br>(rep.)   | 4-12 gms.<br>(rep.)   | } 50·0             |
|                                    | 240-480 gr.<br>(sing.) | 16-32 gms.<br>(sing.) |                    |



## SPIRITS

| Preparations.         | Imperial Dose.        | Metric Dose.           | Strength per Cent. |
|-----------------------|-----------------------|------------------------|--------------------|
| Spiritus Camphoræ ... | 5-20 min.             | 3-12 dmls.             | 10·0               |
| „ Chloroformi ...     | 5-20 min.<br>(rep.)   | 3-12 dmls.<br>(rep.)   | } 5·0              |
|                       | 30-40 min.<br>(sing.) | 20-25 dmls.<br>(sing.) |                    |
| „ Menthæ Piperitæ ... | 5-20 min.             | 3-12 dmls.             | 10·0               |
| „ Ætheris ...         | 20-40 min.<br>(rep.)  | 12-25 dmls.<br>(rep.)  | } 33·3             |
|                       | 60-90 min.<br>(sing.) | 4-6 mls.<br>(sing.)    |                    |
| „ Ammoniæ Aromaticus  | 20-40 min.<br>(rep.)  | 12-25 dmls.<br>(rep.)  | } —                |
|                       | 60-90 min.<br>(sing.) | 4-6 mls.<br>(sing.)    |                    |
| „ Ammoniæ Fetidus     | Ditto                 | Ditto                  | —                  |

*Note.*—There are six Spirits: three have dose, min. 5-20; three have dose, min. 20-40.

## SUPPOSITORIES

| Preparations.           | Imperial Dose. | Metric Dose. | Strength per Cent.            |
|-------------------------|----------------|--------------|-------------------------------|
| Suppositoria Belladonnæ | —              | —            | 0·001 gm. } of Alka-          |
| „ Morphinae ...         | —              | —            | $\frac{1}{60}$ gr. } loids in |
|                         |                |              | 0·017 gm. } of Mor-           |
|                         |                |              | $\frac{1}{4}$ gr. } phine Hy- |
| „ Acidi Carbolici ...   | —              | —            | drochloride                   |
|                         |                |              | in each                       |
|                         |                |              | 0·067 gm. } of Phenol         |
|                         |                |              | 1 gr. } in each               |
| „ Plumbi Co. ...        | —              | —            | 0·0067 gm. } of               |
|                         |                |              | 0·1 gr. } Mor-                |
|                         |                |              | 3 gr. } phine                 |
|                         |                |              | { of Lead } in each           |
|                         |                |              | { Acetate }                   |

SUPPOSITORIES—*Continued.*

| Preparations.              | Imperial Dose. | Metric Dose. | Strength per Cent.           |
|----------------------------|----------------|--------------|------------------------------|
| Suppositoria Acidi Tannici | —              | —            | 0·2 gm. } in each<br>3 gr. } |
| „ Iodoformi ...            | —              | —            | 0·2 gm. } in each<br>3 gr. } |
| „ Glycerini ...            | —              | —            | 70·0 in each                 |

*Note.*—Of the seven Suppositoria two have strength, fractions of 1 grain; two have strength, 1 grain; two have strength, 3 grains; the seventh has strength, 70 per cent.

## SYRUPS

| Preparations.                                | Imperial Dose.       | Metric Dose. | Strength per Cent.  |
|--|----------------------|--------------|---|
| Syrupus Calcii Lactophosphatis               | $\frac{1}{2}$ -1 dr. | 2-4 mils.    | —   |
| „ Ferri Iodidi ...                           | Ditto                | Ditto        | 7·0   |
| „ Ferri Phosphatis cum Quinina et Strychnina | Ditto                | Ditto        | $\frac{1}{32}$ gr. of Strychnine<br>$\frac{4}{5}$ gr. of Quinine Sulphate<br>1 gr. of Ferrous Phosphate |
| „ Scillæ ...                                 | Ditto                | Ditto        | —   |
| „ Cascaræ Aromaticus                         | $\frac{1}{2}$ -2 dr. | 2-8 mils.    | 40·0  |
| „ Chloral ...                                | Ditto                | Ditto        | 20·0  |
| „ Codeinæ Phosphatis                         | Ditto                | Ditto        | 0·5   |
| „ Rhei ...                                   | Ditto                | Ditto        | —   |
| „ Sennæ ...                                  | Ditto                | Ditto        | —   |

} in each fluid drachm

*Note.*—Of the nine Syrups four have dose, dr.  $\frac{1}{2}$ -1; five have dose dr.  $\frac{1}{2}$ -2.



## TINCTURES WITH 5-15 MINIM AND 2-5 MINIM DOSES

| Preparations.                      | Imperial Dose.                               | Metric Dose.                                   | Strength per Cent.               |
|------------------------------------|--|--|----------------------------------|
| Tinctura Opii ... ..               | 5-15 min.<br>(rep.)<br>20-30 min.<br>(sing.) | 3-10 dmls.<br>(rep.)<br>12-18 dmls.<br>(sing.) | } 1·0 of Morphine                |
| „ Cannabis Indicæ                  | Ditto  | Ditto  |                                  |
| „ Belladonnæ ... ..                | Ditto  | Ditto  | 5·0                              |
| „ Scillæ ... ..                    | Ditto  | Ditto  | 0·035 of Alkaloids               |
| „ Stramonii ... ..                 | Ditto  | Ditto  | 20·0                             |
| „ Digitalis ... ..                 | Ditto  | Ditto  | 20·0                             |
| „ Nucis Vomicae ... ..             | Ditto  | Ditto  | 10·0                             |
| „ Colchici ... ..                  | Ditto  | Ditto  | 0·125 of Strych-<br>nine         |
| „ Chloroformi et Mor-<br>phinæ Co. | Ditto  | Ditto  | 10·0                             |
| „ Cantharidini ... ..              | 2-5 min.                                     | 12-30 cmls.                                    | 1·0 of Morphine<br>Hydrochloride |
| „ Aconiti ... ..                   | Ditto  | Ditto  | 0·01 of Canthari-<br>din         |
| „ Strophanthi ... ..               | Ditto  | Ditto  | 0·04 of Alkaloids                |
| „ Iodi Mitis ... ..                | Ditto  | Ditto  | 10·0                             |
| „ Iodi Fortis ... ..               | —  | —  | 2·5                              |
|                                    |  |  | 10·0                             |

*Note.*—Nine have dose, min. 5-15 ; four have dose, min. 2-5. All the rest have dose, dr.  $\frac{1}{2}$ -1. (See rhyme.)

The following rhyme gives the doses of all the Tinctures in the Schedule :

Opium, Hemp from an Indian sky,  
The substance placed in an Actor's eye,<sup>1</sup>  
Tincture of Squills and Stramonii,  
Digitalis and Nux. Vom. Fruit,  
Add Colchicum Seeds the rhyme to suit.  
Tinct. Chloroformi et Morphinæ Co.  
5-15 is the dose we must know.  
2-5 minims of Cantharides,  
Aconite Root and Strophanthus Seeds,  
Add Iodine too ; now I don't care a damn,  
For the dose of the rest is a half to one drachm

<sup>1</sup> Belladonna.

TINCTURES WITH  $\frac{1}{2}$ -1 DRACHM DOSES

| Preparations.            | Imperial Dose.                                       | Metric Dose.                                 | Strength per Cent. |
|--------------------------|--|--|--------------------|
| Tinctura Asafetidæ ...   | $\frac{1}{2}$ -1 dr.                                 | 2-4 mils.                                    | 20·0               |
| „ Calumbæ ...            | Ditto  | Ditto  | 10·0               |
| „ Camphoræ Co. ...       | Ditto  | Ditto  | 0·05 of Morphine   |
| „ Catechu ...            | Ditto  | Ditto  | 20·0               |
| „ Cinchonæ ...           | Ditto  | Ditto  | 1·0 of Alkaloids   |
| „ Cinchonæ Co. ...       | Ditto  | Ditto  | 0·5 of Alkaloids   |
| „ Ergotæ Ammoniata       | Ditto  | Ditto  | 25·0               |
| „ Gentianæ Co. ...       | Ditto  | Ditto  | 10·0               |
| „ Guaiaci Ammoniata      | Ditto  | Ditto  | 20·0               |
| „ Hamamelidis ...        | Ditto  | Ditto  | 10·0               |
| „ Hyoscyami ...          | Ditto  | Ditto  | 10·0               |
| „ Jalapæ ...             | Ditto  | Ditto  | 1·5 of the Resin   |
| „ Jalapæ Co. ...         | Ditto  | Ditto  | —                  |
| „ Kino ...               | Ditto  | Ditto  | 10·0               |
| „ Myrrhæ ...             | Ditto  | Ditto  | 20·0               |
| „ Opii Ammoniata         | Ditto  | Ditto  | 0·1 of Morphine    |
| „ Quassia ...            | Ditto  | Ditto  | 10·0               |
| „ Quininæ ...            | Ditto  | Ditto  | 2·0                |
| „ Quininæ Ammo-<br>niata | Ditto  | Ditto  | 2·0                |
| „ Rhei Co. ...           | $\frac{1}{2}$ -1 dr.<br>(rep.)<br>2-4 dr.<br>(sing.) | 2-4 mils.<br>(rep.)<br>8-16 mils.<br>(sing.) | } 10·0             |
| „ Senegæ ...             | $\frac{1}{2}$ -1 dr.                                 | 2-4 mils.                                    |                    |
| „ Sennæ Co. ...          | $\frac{1}{2}$ -1 dr.<br>(rep.)<br>2-4 dr.<br>(sing.) | 2-4 mils.<br>(rep.)<br>8-16 mils.<br>(sing.) | } 20·0             |
|                          |  |  |                    |



## TROCHISCI

| Preparations.                  | Imperial Dose. | Metric Dose. | Strength per Cent.  |
|--------------------------------|----------------|--------------|---|
| Trochiscus Morphinæ            | —              | —            | 0·002 gm. } of Morphine<br>3½ gr. } Hydrochlo-<br>ride in each  |
| „ Morphinæ et Ipe-<br>cacuanhæ | —              | —            | 0·002 gm. of }<br>Morphine Hy- }<br>drochloride }<br>0·006 gm. of }<br>Ipecacuanha }<br>Radix } in each<br>3½ gr. of Mor- }<br>phine Hydro- }<br>chloride }<br>1½ gr. of Ipecac- }<br>uanha Radix } |
| „ Ipecacuanhæ ...              | —              | —            | 0·015 gm. } of Ipecacu-<br>4 gr. } anha Root<br>in each   |
| „ Acidi Tannici ...            | —              | —            | 0·03 gm. }<br>½ gr. } in each   |
| „ Acidi Carbolici ...          | —              | —            | Ditto   |
| „ Acidi Benzoici ...           | —              | —            | Ditto   |
| „ Catechu ...                  | —              | —            | 0·06 gm. }<br>1 gr. } in each   |
| „ Ferri Redacti ...            | —              | —            | Ditto   |
| „ Santonini ...                | —              | —            | Ditto   |
| „ Bismuthi Co. ...             | —              | —            | 0·15 gm. }<br>2½ gr. } in each  |
| „ Guaiaci Resinæ ...           | —              | —            | 0·2 gm. }<br>3 gr. } in each  |
| „ Potassi Chloratis            | —              | —            | Ditto   |
| „ Sulphuris ...                | —              | —            | 0·3 gm. }<br>5 gr. } in each  |

*Note.*—Of the thirteen Trochisci three have strength, less than ½ grain ; three have strength, ½ grain ; three have strength, 1 grain ; three have strength, 3 grains (Bismuthi Co., 2½ grains).  
The three ½ grain Trochisci are : Acidi Benzoici ; Acidi Carbolici ; Acidi Tannici.

## VINEGARS

| Preparations.           | Imperial Dose. | Metric Dose. | Strength per Cent.       |
|-------------------------|----------------|--------------|--------------------------|
| Acetum Cantharidini ... | —              | —            | 0·05 of Canthari-<br>din |
| „ Scillæ ...            | 5-15 min.      | 3-10 dmls.   | 25·0                     |

## WINES

| Preparations.         | Imperial Dose.                                   | Metric Dose.  | Strength per Cent.                            |
|-----------------------|--|---|---|
| Vinum Antimoniale ... | 10-30 min.<br>(diaph.)<br>2-4 dr.<br>(emetic)    | 6-18 dmls.<br>(diaph.)<br>8-16 mls.<br>(emetic)     | } 0·4   |
| „ Colchici ...        | 10-30 min.                                       | 6-18 dmls.  |   |
| „ Ipecacuanhæ ...     | 10-30 min.<br>(expector.)<br>4-6 dr.<br>(emetic) | 6-18 dmls.<br>(expector.)<br>16-24 mls.<br>(emetic) | } 0·1 of Alkaloids                            |
| „ Ferri Citratis ...  | 1-4 dr.  | 4-16 mls.   |   |
| „ Quininæ ...         | $\frac{1}{2}$ -1 oz.                             | 16-30 mls.  | 1·8<br>0·23 ( <i>i.e.</i> , 1 gr in<br>1 oz.) |

*Note.*—Of the five Wines three have dose, min. 10-30.



## DRUGS AND PREPARATIONS ARRANGED ACCORDING TO SIMILAR DOSAGE

### LIQUIDS

| UP TO MIN. 1 (CMLS. 6).  |                  |  | UP TO MIN. 8 (CMLS. 50).  |         |  |
|--------------------------|------------------|--|---------------------------|---------|--|
| Liquor Atropinæ Sul-     |                  |  | Liquor Arsenicalis ...    | 2-8     |  |
| phatis ... ..            | $\frac{1}{2}$ -1 |  | „ Arsenici Hy-            |         |  |
| Oleum Crotonis ... ..    | „                |  | drochloricus ..           | „       |  |
|                          |                  |  | „ Sodii Arsenatis ..      | „       |  |
| UP TO MIN. 2 (CMLS. 12). |                  |  | „ Strychninæ Hy-          |         |  |
| Extractum Ipecacu-       |                  |  | drochloridi ..            | „       |  |
| anhæ Liquidum ..         | $\frac{1}{2}$ -2 |  |                           |         |  |
| Liquor Trinitrini ... .. | „                |  | UP TO MIN. 10 (DMLS. 6)   |         |  |
|                          |                  |  | Oleum Terebinthinæ        |         |  |
| UP TO MIN. 3 (CMLS. 18). |                  |  | Rectificatum ...          | 2-10    |  |
| Oleum Menthæ Pi-         |                  |  | Ditto (as anthelmin-      |         |  |
| peritæ ... ..            | $\frac{1}{2}$ -3 |  | tic) ... ..               | dr. 3-4 |  |
| Acidum Carbolicum        |                  |  | Injectio Apomor-          |         |  |
| Liquefactum ... ..       | 1-3              |  | phinæ Hypo-               |         |  |
| Cresol ... ..            | „                |  | dermica ...               | 5-10    |  |
| Extractum Nucis Vo-      |                  |  | „ Cocainæ Hypo-           |         |  |
| micæ Liquidum ..         | „                |  | dermica ...               | „       |  |
|                          |                  |  | „ Ergotæ Hypo-            |         |  |
| UP TO MIN. 5 (CMLS. 30). |                  |  | dermica ...               | „       |  |
| Chloroformum ... ..      | 1-5              |  | „ Morphinæ Hy-            |         |  |
| Creosotum ... ..         | „                |  | podermica ...             | „       |  |
| Oleum Phosphora-         |                  |  | „ Strychninæ Hy-          |         |  |
| tum ... ..               | „                |  | podermica ...             | „       |  |
| Acidum Hydrocy-          |                  |  | UP TO MIN. 15 (DMLS. 10). |         |  |
| anicum Dilutum ..        | 2-5              |  | Acetum Scillæ ...         | 5-15    |  |
| Amyl Nitris ... ..       | „                |  | Extractum Cinchonæ        |         |  |
| Tinctura Aconiti ... ..  | „                |  | Liquidum ...              | „       |  |
| „ Cantharidini ... ..    | „                |  | „ Hamamelidis             |         |  |
| „ Iodi Mitis ... ..      | „                |  | Liquidum ...              | „       |  |
| „ Strophanthi ... ..     | „                |  |                           |         |  |



LIQUIDS—*Continued.*

| UP TO MIN. 15 ( <i>Continued</i> ). |     |      |      | UP TO MIN. 20 ( <i>Continued</i> ). |         |     |       |
|-------------------------------------|-----|------|------|-------------------------------------|---------|-----|-------|
| Liquor Ferri Perchloridi            | ... | ...  | 5-15 | Spiritus Chloroformi                | (sing.) | ... | 30-40 |
| Methyl Salicylas                    | ... | „    |      | Liquor Sodæ Chlorinatæ              | ...     | ... | 10-20 |
| Tinctura Belladonnæ                 | ... | „    |      | UP TO MIN. 30 (DMLS. 18).           |         |     |       |
| „ Cannabis Indicæ                   | ... | „    |      | Extractum Opii Liquidum             | ...     | ... | 5-30  |
| „ Chloroformi et Morphinæ Co.       | ... | „    |      | Oleum Santali                       | ...     | „   |       |
| „ Colchici                          | ... | „    |      | Extractum Ergotæ Liquidum           | ...     | ... | 10-30 |
| „ Digitalis                         | ... | „    |      | Liquor Adrenalini Hydrochloricus    | ...     | „   |       |
| „ Nucis Vomicae                     | ... | „    |      | „ Potassæ                           | ...     | „   |       |
| „ Opii                              | ... | „    |      | Vinum Antimoniale (diaph.)          | ...     | ... | 10-30 |
| „ Scillæ                            | ... | „    |      | Ditto (emetic)                      | dr.     | 2-4 |       |
| „ Stramonii                         | ... | „    |      | „ Colchici                          | ...     | ... | 10-30 |
| UP TO MIN. 20 (DMLS. 12).           |     |      |      | „ Ipecacuanhæ (expector.)           | ...     | „   |       |
| Acidum Hydrochloricum Dilutum       | ... | 5-20 |      | Ditto (emetic)                      | dr.     | 4-6 |       |
| „ Nitricum Dilutum                  | ... | „    |      | Æther (rep.)                        | ...     | ... | 15-30 |
| „ Nitro-Hydrochloricum Dilutum      | ... | „    |      | Ditto (sing.)                       | ...     | ... | 45-60 |
| „ Sulphuricum Dilutum               | ... | „    |      | UP TO MIN. 40 (DMLS. 25).           |         |     |       |
| „ Sulphuricum Aromaticum            | ... | „    |      | Spiritus Ætheris (rep.)             | ...     | ... | 20-40 |
| Liquor Arsenii et Hydrargyri Iodidi | ... | „    |      | Ditto (sing.)                       | ...     | ... | 60-90 |
| Spiritus Camphoræ                   | ... | „    |      | „ Ammonia Aromaticus (rep.)         | ...     | ... | 20-40 |
| „ Menthae Piperitæ                  | ... | „    |      | Ditto (sing.)                       | ...     | ... | 60-90 |
| „ Chloroformi (rep.)                | ... | „    |      | „ Ammonia Fer- tidus (rep.)         | ...     | ... | 20-40 |
|                                     |     |      |      | Ditto (sing.)                       | ...     | ... | 60-90 |



|  |  |
|--|--|
| UP TO MIN. 60 (MILS. 4).                       | UP TO DR. 1 ( <i>Continued</i> ).      |
| Liquor Morphinae                               | Tinctura Cinchonae $\frac{1}{2}$ -1    |
| Acetatis ... 10-60                             | „ Cinchonae Co. „                      |
| „ Morphinae Hydrochloridi „                    | „ Ergotae Ammoniata ... „              |
| „ Morphinae Tartratis ... 10-60                | „ Gentianae ... „                      |
| „ Calcis Saccharatus ... 15-60                 | „ Guaiaci Ammoniata ... „              |
| UP TO DR. 1 (MILS. 4).                         | „ Hamamelidis „                        |
| Acidum Aceticum                                | „ Hyoscyami ... „                      |
| Dilutum ... .. $\frac{1}{2}$ -1                | „ Jalapae ... „                        |
| Copaiba ... .. „                               | „ Jalapae Co. ... „                    |
| Extractum Cascarae                             | „ Kino ... .. „                        |
| Sagradae Liquidum ... .. „                     | „ Myrrhae ... .. „                     |
| Liquor Bismuthi et Ammonii Citratris ... .. „  | „ Opii Ammoniata „                     |
| „ Hydrargyri Perchloridi ... .. „              | „ Quassiae ... .. „                    |
| Oxymel Scillae ... .. „                        | „ Quininæ ... .. „                     |
| Syrupus Calcii Lactophosphatis ... .. „        | „ Quininæ Ammoniata ... .. „           |
| „ Scillae ... .. „                             | „ Rhei Co. (rep.) „                    |
| „ Ferri Iodidi ... .. „                        | „ Ditto (sing.) ... 2-4                |
| „ Ferri Phosphatis cum Quininæ et Strychninæ „ | „ Senegæ ... $\frac{1}{2}$ -1          |
| Tinctura Asafetida ... .. „                    | „ Sennæ Co. (rep.) ... .. „            |
| „ Calumbæ ... .. „                             | „ Ditto (sing.) ... 2-4                |
| „ Camphoræ Co. „                               | UP TO MIN. 90 (MILS. 6).               |
| „ Catechu ... .. „                             | Extractum Filici Liquidum ... .. 45-90 |
|  | UP TO DR. 2 (MILS. 8).                 |
|  | Paraldehydum ... $\frac{1}{2}$ -2      |
|  | Syrupus Cascarae Aromaticus „          |
|  | „ Chloral ... .. „                     |

LIQUIDS—*Continued.*UP TO DR. 2 (*Continued*).

|            |            |                  |
|------------|------------|------------------|
| Syrupus    | Codeinæ    |                  |
|            | Phosphatis | $\frac{1}{2}$ -2 |
| „          | Rhei ...   | „                |
| „          | Sennæ ...  | „                |
| Glycerinum | ...        | 1-2              |

## UP TO DR. 4 (MILS. 16).

|         |                                 |     |
|---------|---------------------------------|-----|
| Oleum   | Morrhæ ...                      | 1-4 |
| Vinum   | Ferri Citratis                  | „   |
| Infusum | Digitalis ...                   | 2-4 |
| Liquor  | Potassii Per-<br>manganatis ... | „   |

## UP TO DR. 6 (MILS. 24).

|        |                           |     |
|--------|---------------------------|-----|
| Liquor | Ammonii Ace-<br>tatis ... | 2-6 |
|--------|---------------------------|-----|

## UP TO OZ. 1 (MILS. 30).

|         |                          |                  |
|---------|--------------------------|------------------|
| Oleum   | Ricini                   | 1 dr.-1 oz.      |
| Infusum | Calumbæ ...              | $\frac{1}{2}$ -1 |
| „       | Cinchonæ Aci-<br>dum ... | „                |

UP TO OZ. 1 (*Continued*).

|         |                   |                  |
|---------|-------------------|------------------|
| Infusum | Gentianæ          |                  |
|         | Co. ...           | $\frac{1}{2}$ -1 |
| „       | Quassiæ ...       | „                |
| „       | Rhei ...          | „                |
| „       | Senegæ ...        | „                |
| „       | Sennæ (rep.)      | „                |
|         | Ditto (sing.) ... | 2 ozs.           |
| Mistura | Ammoniaci         | $\frac{1}{2}$ -1 |
| „       | Guaiaci ...       | „                |
| „       | Ferri Co. ...     | „                |
| Vinum   | Quininæ ...       | „                |

## UP TO OZ. 2 (MILS. 60).

|          |                                |                  |
|----------|--------------------------------|------------------|
| Decoctum | Aloes Co.                      | $\frac{1}{2}$ -2 |
| Infusum  | Ergotæ ...                     | 1-2              |
| Liquor   | Magnesii Bi-<br>carbonatis ... | „                |
| Mistura  | Olei Ricini                    | „                |
| „        | Sennæ Co. ...                  | „                |

## UP TO OZ. 4 (MILS. 120).

|        |            |     |
|--------|------------|-----|
| Liquor | Calcis ... | 1-4 |
|--------|------------|-----|

## SOLIDS

UP TO GR.  $\frac{1}{100}$  (MGMS. 0.6).

|                                 |     |                                   |
|---------------------------------|-----|-----------------------------------|
| Atropina ...                    | ... | $\frac{1}{200}$ - $\frac{1}{100}$ |
| Atropinæ Sul-<br>phas ...       | ... | „                                 |
| Hyoscinæ Hydro-<br>bromidum ... | ... | „                                 |
| Hyoscyaminæ Sul-<br>phas ...    | ... | „                                 |

UP TO GR.  $\frac{1}{32}$  (MGMS. 2).

|                                    |     |                                 |
|------------------------------------|-----|---------------------------------|
| Homatropinæ Hy-<br>drobromidum ... | ... | $\frac{1}{64}$ - $\frac{1}{32}$ |
| Physostigminæ<br>Sulphas ...       | ... | „                               |

UP TO GR.  $\frac{1}{25}$  (MGMS. 2.5).

|                |     |                                  |
|----------------|-----|----------------------------------|
| Phosphorus ... | ... | $\frac{1}{100}$ - $\frac{1}{25}$ |
|----------------|-----|----------------------------------|



## SOLIDS—Continued.

| UP TO GR. $\frac{1}{16}$ (MGMS. 4).          |                             | UP TO GR. $\frac{1}{2}$ (MGMS. 30). |                           |
|--|-----------------------------|-------------------------------------|---------------------------|
| Acidum Arseniosum                            | $\frac{1}{64}-\frac{1}{16}$ | Benzaminæ Lactas                    | $\frac{1}{8}-\frac{1}{2}$ |
| Strychnina ... ..                            | "                           | Morphinæ Acetas ...                 | "                         |
| Strychninæ Hydrochloridum ...                | "                           | " Hydrochloridum ...                | "                         |
| Hydrargyri Iodidi                            |                             | " Tartras ...                       | "                         |
| Rubrum ...                                   | $\frac{1}{32}-\frac{1}{16}$ | Argenti Nitras ...                  | $\frac{1}{4}-\frac{1}{2}$ |
| " Perchloridum                               | "                           |                                     |                           |
| UP TO GR. $\frac{1}{10}$ (MGMS. 6).          |                             | UP TO GR. 1 (CGMS. 6).              |                           |
| Sodii Arsenas Anhydrosus ... ..              | $\frac{1}{40}-\frac{1}{10}$ | Calx Sulphurata ...                 | $\frac{1}{4}-1$           |
| Apomorphinæ Hydrochloridum (hypodermic) ...  | $\frac{1}{20}-\frac{1}{10}$ | Codeina ... ..                      | "                         |
| Ditto (by mouth)                             | $\frac{1}{10}-\frac{1}{4}$  | Codeinæ Phosphas ...                | "                         |
|  |                             | Extractum Belladonnæ Siccum         | "                         |
|  |                             | " Cannabis Indicæ ...               | "                         |
|  |                             | " Colchici ...                      | "                         |
|  |                             | " Nucis Vomicae Siccum ...          | "                         |
|  |                             | " Opii Siccum ...                   | "                         |
|  |                             | " Strophanthi ...                   | "                         |
| UP TO GR. $\frac{1}{8}$ (MGMS. 8).           |                             | UP TO GR. 2 (CGMS. 12).             |                           |
| Antimonium Tartaratum (diaph.) ...           | $\frac{1}{25}-\frac{1}{8}$  | Cupri Sulphas (asttringent) ...     | $\frac{1}{4}-2$           |
| Ditto (emetic) ...                           | $\frac{1}{2}-1$             | Ditto (emetic) ...                  | 5-10                      |
| Diamorphinæ Hydrochloridum ...               | $\frac{1}{25}-\frac{1}{8}$  | Aloinum ... ..                      | $\frac{1}{2}-2$           |
|  |                             | Digitalis Folia ...                 | "                         |
|  |                             | Ipecacuanhæ Radix (expector.) ...   | "                         |
|  |                             | Ditto (emetic) ...                  | 15-30                     |
| UP TO GR. $\frac{1}{5}$ (MGMS. 12).          |                             | Opium ... ..                        | $\frac{1}{2}-2$           |
| Arsenii Iodidum ...                          | $\frac{1}{20}-\frac{1}{5}$  | Sodii Nitris ...                    | "                         |
| Pilocarpinæ Nitras ...                       | "                           | Thymol ... ..                       | "                         |
| UP TO GR. $\frac{1}{4}$ (MGMS. 16).          |                             |                                     |                           |
| Apomorphinæ Hydrochloridum (by mouth) ... .. | $\frac{1}{10}-\frac{1}{4}$  |                                     |                           |
| Cocainæ Hydrochloridum ... ..                | "                           |                                     |                           |

## SOLIDS—Continued.

| UP TO GR. 3 (CGMS. 20). |     |                  | UP TO GR. 8 (CGMS. 50). |     |      |
|-------------------------|-----|------------------|-------------------------|-----|------|
| Iodoformum              | ... | $\frac{1}{2}$ —3 | Extractum Cascaræ       |     |      |
| Ferri Sulphas Exsic-    |     |                  | Sagradæ Sic-            |     |      |
| catus                   | ... | "                | cum                     | ... | 2—8  |
| Acidum Carbolicum       |     | 1—3              | " Colocynthis           |     | "    |
| Potassii Permanga-      |     |                  | Co. ...                 | ... | "    |
| nas                     | ... | "                | " Ergotæ                | ... | "    |
| Santoninum              | ... | "                | " Gentianæ              | ... | "    |
| Scilla                  | ... | "                | " Hyoseyami             | ... | "    |
| Zinci Sulphas           | ... | "                | " Rhei                  | ... | "    |
| Ditto (emetic)          | ... | 10—30            | Pilula Quininæ Sul-     |     |      |
|                         |     |                  | phatis                  | ... | "    |
|                         |     |                  | " Aloes                 | ... | 4—8  |
|                         |     |                  | " Aloes et Asafe-       |     |      |
|                         |     |                  | tida...                 | ... | "    |
|                         |     |                  | " Aloes et Ferri        |     | "    |
|                         |     |                  | " Aloes et Myrrhæ       |     | "    |
|                         |     |                  | " Colocynthis           |     |      |
|                         |     |                  | Co. ...                 | ... | "    |
|                         |     |                  | " Colocynthis           |     |      |
|                         |     |                  | et Hyoseyami            |     | "    |
|                         |     |                  | " Hydrargyri            | ... | "    |
|                         |     |                  | " Hydrargyri            |     |      |
|                         |     |                  | Subchloridi             |     |      |
|                         |     |                  | Co. ...                 | ... | "    |
|                         |     |                  | " Ipecacuanhæ           |     |      |
|                         |     |                  | cum Scilla              |     | "    |
|                         |     |                  | " Ipecacuanhæ           |     |      |
|                         |     |                  | cum Urginea             |     | "    |
|                         |     |                  | " Rhei Co.              | ... | "    |
|                         |     |                  | " Scillæ Co.            | ... | "    |
|                         |     |                  |                         |     |      |
|                         |     |                  | UP TO GR. 10 (DGMS. 6). |     |      |
|                         |     |                  | Quininæ Hydrochlo-      |     |      |
|                         |     |                  | ridum                   | ... | 1—10 |



SOLIDS—*Continued.*UP TO GR. 10 (*Continued*).

|                                    |       |
|------------------------------------|-------|
| Quininæ Hydrochlor-<br>idum Acidum | 1-10  |
| „ Sulphas ...                      | „     |
| Caffeinæ Citras ...                | 2-10  |
| Ammonii Carbonas                   | 3-10  |
| Rhei Rhizoma (rep.)                | „     |
| Ditto (sing.) ...                  | 15-30 |
| Zinci Oxidum ...                   | 3-10  |
| Acidum Tannicum...                 | 5-10  |
| Alumen Purificatum                 | „     |
| Barbitonum ...                     | „     |
| Ferri et Ammonii<br>Citras ...     | „     |
| „ et Potassii Tar-<br>tras... ...  | „     |
| „ et Quininæ Ci-<br>tras... ...    | „     |
| „ Phosphas Sac-<br>charatus ...    | „     |

## UP TO GR. 15 (DGMS. 10).

|                       |      |
|-----------------------|------|
| Acidum Benzoicum      | 5-15 |
| „ Boricum ...         | „    |
| Ammoniacum ...        | „    |
| Asafetida ...         | „    |
| Borax Purificatus ... | „    |
| Catechu ...           | „    |
| Guaiaci Resina ...    | „    |
| Guaiacol Carbonas...  | „    |
| Hexamina ...          | „    |
| Myrrha ...            | „    |
| Phenacetinum ...      | „    |
| Phenazonum ...        | „    |
| Pilula Ferri...       | „    |

UP TO GR. 15 (*Continued*)

|                        |      |
|------------------------|------|
| Potassii Chloras ..    | 5-15 |
| Pulvis Ipecacuanhæ Co. | „    |
| „ Opii Co. ...         | „    |

## UP TO GR. 20 (DGMS. 12).

|                                       |       |
|---------------------------------------|-------|
| Acidum Citricum ...                   | 5-20  |
| „ Salicylicum ...                     | „     |
| „ Tartaricum ...                      | „     |
| Ammonii Chloridum                     | „     |
| Bismuthi Carbonas                     | „     |
| „ Salicylas ...                       | „     |
| „ Subnitras                           | „     |
| Chloral Hydras ...                    | „     |
| Jalapa ...                            | „     |
| Kino... ...                           | „     |
| Magnesia Levis (rep.)                 | „     |
| Ditto (sing.) ...                     | 30-60 |
| „ Ponderosa (rep.)                    | 5-20  |
| Ditto (sing.) ...                     | 30-60 |
| Magnesii Carbonas<br>Levis (rep.)     | 5-20  |
| Ditto (sing.) ...                     | 30-60 |
| „ Carbonas Pon-<br>derosus (rep.)     | 5-20  |
| Ditto (sing.) ...                     | 30-60 |
| Oleum Copaibæ ...                     | 5-20  |
| Potassii Iodidum ...                  | „     |
| Pulvis Kino Co. ...                   | „     |
| Salicinum ...                         | „     |
| Salol... ...                          | „     |
| Sodii Iodidum ...                     | „     |
| Methylsulphonal ...                   | 10-20 |
| Theobrominæ et Sodii<br>Salicylas ... | „     |



SOLIDS—*Continued.*

UP TO GR. 30 (DGMS. 20).

|                                  |       |
|----------------------------------|-------|
| Ammonii Bromidum                 | 5-30  |
| Potassii Bromidum                | 5-30  |
| Sodii Bromidum ...               | „     |
| Potassii Bicarbonas              | „     |
| Sodii Bicarbonas ...             | „     |
| Calcii Lactas ...                | 10-30 |
| Ferri Carbonas Saccharatus... .. | „     |
| Sodii Salicylas ...              | „     |
| Sulphonal ... ..                 | „     |

UP TO GR. 45 (GMS. 3).

|                           |       |
|---------------------------|-------|
| Chloral Formamidum ... .. | 15-45 |
| Potassii Sulphas ... ..   | „     |

UP TO GR. 60 (GMS. 4).

|                                    |       |
|------------------------------------|-------|
| Pulvis Catechu Co.                 | 10-60 |
| „ Cretæ Aromaticus ... ..          | „     |
| „ Cretæ Aromaticus cum Opio ... .. | „     |
| „ Jalapæ Co. ... ..                | „     |
| „ Rhei Co. ... ..                  | „     |
| Calcii Carbonas Præcipitatus... .. | 15-60 |
| Creta Præparata ... ..             | „     |
| Ergota ... ..                      | „     |
| Potassii Tartras Acidus ... ..     | „     |
| Spiritus Ætheris Nitrosi ... ..    | „     |
| Sulphur Præcipitatum ... ..        | 20-60 |

UP TO GR. 60 (*Continued*).

|                              |       |
|------------------------------|-------|
| Sulphur Sublimatum           | 20-60 |
| Sodii Phosphas Acidus ... .. | 30-60 |

UP TO GR. 90 (GMS. 6).

|                             |         |
|-----------------------------|---------|
| Magnesii Sulphas (rep.) ... | 30-90   |
| Ditto (sing.) ...           | 120-240 |

UP TO GR. 120 (GMS. 8).

|                           |         |
|---------------------------|---------|
| Sodii Phosphas (rep.) ... | 30-120  |
| Ditto (sing.)             | 150-240 |
| „ Sulphas (rep.)          | 30-120  |
| Ditto (sing.)             | 150-240 |

|                                  |        |
|----------------------------------|--------|
| Caffeinæ Citras Effervescens ... | 60-120 |
|----------------------------------|--------|

|                               |   |
|-------------------------------|---|
| Confectio Sennæ ... ..        | „ |
| „ Sulphuris ... ..            | „ |
| Pulvis Glycyrrhizæ Co. ... .. | „ |

|  |         |
|--|---------|
| Sodii Phosphas Effervescens (rep.) ... | „       |
| Ditto (sing.)                          | 150-240 |
| „ Sulphas Effervescens (rep.) ...      | 60-120  |
| Ditto (sing.)                          | 150-240 |

UP TO GR. 180 (GMS. 12).

|  |         |
|--|---------|
| Magnesii Sulphas Effervescens (rep.) ... | 60-180  |
| Ditto (sing.) ...                        | 240-480 |



## PART II

### CONJOINT BOARD OF SCOTLAND

CONTENTS : Official Statement of Scope of Examination.

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#### OFFICIAL STATEMENT OF SCOPE OF EXAMINATION

*The Official Course of Instruction in Materia Medica  
extends over a period of two and a half months.*

“The Third Examination shall embrace the following subjects :

“1. Pathology, and

“2. Materia Medica with Pharmacology.

“Materia Medica and Pharmacology shall embrace a knowledge of the sources of drugs, their physical characters and adulterations, the processes for their pharmaceutical preparations, and their physiological action. A knowledge of the new British Pharmacopœia is compulsory.”

No syllabus of drugs is included in the Official Regulations of the Conjoint Board of Scotland.

## PART III

### CONJOINT BOARD IN IRELAND

CONTENTS : Statement of Scope of Examination.

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#### STATEMENT OF SCOPE OF EXAMINATION

There is no syllabus of drugs included in the Official Regulations of the Conjoint Board in Ireland.

The Regulations state that Division B of the Third Professional Examination consists of Materia Medica, Pharmacy, and Therapeutics, and that a three months' course of study in these subjects must be pursued.



PART IV  
SOCIETY OF APOTHECARIES OF LONDON  
CONTENTS

1. Official Schedule.
2. Roots, Seeds, Leaves, Barks, and Gums to be recognised.
3. Powders to be recognised.
4. Crystalline bodies to be recognised.
5. Liquids to be recognised.
6. Drugs which appear in the Schedule of the Conjoint Board in England, but which are *not* included in the Schedule of the Society of Apothecaries of London.
7. Drugs which do *not* appear in the Schedule of the Conjoint Board in England, but which are included in the Schedule of the Society of Apothecaries of London.

*The Official Course of Instruction in Pharmacy and Dispensing extends over a period of three months.*

## OFFICIAL SCHEDULE

### SYNOPSIS OF MATERIA MEDICA

Candidates will be required to show a knowledge of the chemical and physical characters, the composition, preparation, and doses of the Pharmacopœial drugs and preparations included in the following list, and to recognise the substances printed in italics :

### SCHEDULE OF DRUGS

*Carbo Ligni.*

*Sulphur Sublimatum ; Sulphur Præcipitatum ; Calx Sulphurata ; Potassa Sulphurata.*

*Calx Chlorinata ; Liquor Sodæ Chlorinatæ.*

*Potassi Bromidum ; Ammonii Bromidum ; Sodii Bromidum.*

*Iodum ; Potassii Iodidum ; Plumbi Iodidum.*

*Acidum Sulphuricum ; Acidum Hydrochloricum ; Acidum Nitricum ; Acidum Nitro-Hydrochloricum Dilutum ; Acidum Phosphoricum Dilutum ; Acidum Boricum ; Acidum Sulphurosum.*

*Acidum Aceticum ; Acidum Tartaricum ; Acidum Citricum ; Acidum Hydrocyanicum Dilutum.*

*Potassii Bicarbonas ; Potassii Sulphas ; Potassii Chloras ; Potassii Tartras Acidus ; Potassii Permanganas.*

*Sodii Bicarbonas ; Sodii Sulphas ; Borax Purificatus ; Sodii Nitris.*



*Ammonii Carbonas; Ammonii Chloridum; Liqueur Ammonii Acetatis.*

*Calx; Calcii Hydras; Creta Præparata; Calcii Carbonas Præcipitatus.*

*Alumen Purificatum; Alumen Exsiccatum.*

*Magnesia; Levis et Ponderosa; Magnesii Carbonas; Levis et Ponderosus; Magnesii Sulphas.*

*Zinci Oxidum; Zinci Chloridum; Zinci Sulphas.*

*Cupri Sulphas.*

*Argenti Nitras.*

*Hydrargyrum; Hydrargyri Oxidum Rubrum; Hydrargyri Oxidum Flavum; Hydrargyri Subchloridum; Hydrargyri Perchloridum; Hydrargyri Iodidum Rubrum; Hydrargyrum Ammoniatum; Liqueur Hydrargyri Nitratis Acidus; Hydrargyrum Oleatum.*

*Plumbi Oxidum; Plumbi Acetas; Liqueur Plumbi Subacetatis Fortis.*

*Phosphorus; Sodii Phosphas; Sodii Phosphas Acidus; Calcii Phosphas; Ferri Phosphas Saccharatus; Sodii Hypophosphis, Calcii Hypophosphis.*

*Acidum Arseniosum; Sodii Arsenas Anhydrosus; Arsenii Iodidum; Liqueur Arsenii et Hydrargyri Iodidi.*

*Antimonium Tartaratum.*

*Bismuthi Carbonas; Bismuthi Subnitras; Bismuthi Salicylas.*

*Ferrum Redactum; Ferri Sulphas; Ferri Sulphas Exsiccat; Ferri Carbonas Saccharatus. Syrupus Ferri Iodidi; Liqueur Ferri Persulphatis; Liqueur Ferri Perchloridi Fortis. Ferri et Ammonii Citras; Ferri et Quininæ Citras; Ferri et Potassii Tartras.*



Alcohol Absolutum ; *Spiritus Rectificatus* ; *Æther Purificatus*.

*Paraldehydum* ; *Chloral Hydras* ; Butyl-Chloral Hydras ;  
Barbitonum ; Methylsulphonal.

*Chloroformum* ; *Iodoformum* ; *Ethyl Chloridum*.

*Amyl Nitris* ; *Tabellæ Trinitrini* ; *Liquor Trinitrini* ; *Spiritus  
Ætheris Nitrosi* ; *Collodium*.

Sulphonal ; Acidum Acetylsalicylicum ; Acetanilidum ; Phenacetinum ; Phenazonum ; Hexamina.

Paraffinum Molle ; Paraffinum Durum.

*Glycerinum*.

Creosotum ; *Acidum Carbolicum* ; *Resorcinum*.

Salicinum ; *Acidum Salicylicum* ; Sodii Salicylas ; Salol ;  
Methyl Salicylas.

*Aconiti Radix* ; Aconitina.

*Araroba*.

*Opium* ; Morphinae Hydrochloridum ; Morphinae Acetas ;  
Morphinae Tartras : Apomorphinae Hydrochloridum ;  
Codeina ; Diamorphinae Hydrochloridum.

Cocainæ Hydrochloridum ; Benzaminæ Lactas.

Pilocarpinae Nitras.

*Quassia Lignum* : *Calumbæ Radix* ; *Gentianæ Radix*.

Physostigminæ Sulphas.

Caffeina ; Caffeinae Citras ; Theobrominae et Sodii Salicylas.

*Asafetida* ; *Ammoniacum* ; *Myrrha* ; *Guaiaci Resina*.

Benzoinum ; *Acidum Benzoicum*.

*Cinchonæ Rubræ Cortex* ; *Quininæ Sulphas* ; *Quininæ  
Hydrochloridum* ; *Quininæ Hydrochloridum Acidum*.



*Ipecacuanhæ Radix ; Senegæ Radix.*

*Nux Vomica ; Strychnina ; Strychninæ Hydrochloridum.*

*Belladonnæ Radix et Folia ; Atropina ; Atropinæ Sulphas ;  
Homatropinæ Hydrobromidum ; Hyoscyami Folia ;  
Hyoscinæ Hydrobromidum ; Stramonii Folia.*

*Cannibas Indica.*

*Digitalis Folia ; Strophanthi Semina.*

*Scilla.*

*Oleum Ricini ; Oleum Crotonis ; Aloe ; Aloinum ; Cascara  
Sagrada ; Colocynthis Pulpa ; Phenolphthaleinum ;  
Jalapa, Podophylli Rhizoma et Resina ; Rhei Rhizoma ;  
Scammoniae Radix et Resina ; Sennæ Folia et Fructus.*

*Camphora ; Oleum Terebinthinæ Rectificatum.*

*Kino ; Catechu ; Acidum Tannicum.*

*Ergota ; Hamamelidis Cortex et Folia.*

*Copaiba ; Cubebæ Fructus.*

*Colchici Cormus et Semina.*

*Filix Mas ; Santoninum.*

*Oleum Morrhuæ.*

*Cantharidinum.*

*Adrenalinum.*

*Thyroideum.*

## ROOTS, SEEDS, LEAVES, BARKS AND GUMS TO BE RECOGNISED

|                        |                     |
|------------------------|---------------------|
| Aconiti Radix.         | Guaiaci Resina.     |
| Aloe.                  | Hyosciami Folia.    |
| Ammoniacum.            | Ipecacuanhæ Radix.  |
| Araroba.               | Jalapa.             |
| Asafetida.             | Kino.               |
| Belladonnæ Radix.      | Myrrha.             |
| Calumbæ Radix.         | Nux Vomica.         |
| Cannabis Indica.       | Opium.              |
| Cascara Sagrada.       | Podophylli Rhizoma. |
| Catechu.               | Quassia Lignum.     |
| Cinchonæ Rubræ Cortex. | Rhei Rhizoma.       |
| Colchici Cormus.       | Scammonia Radix.    |
| Colocynthis Pulpa.     | Scammonia Resina.   |
| Cubebæ Fructus.        | Scilla.             |
| Digitalis Folia.       | Senegæ Radix.       |
| Ergota.                | Sennæ Folia.        |
| Filix Mas.             | Sennæ Fructus.      |
| Gentianæ Radix.        | Strophanthi Semina. |

## POWDERS TO BE RECOGNISED

|                             |                           |
|-----------------------------|---------------------------|
| Acidum Arseniosum.          | Hydrargyri Oxidum Flavum. |
| Acidum Tannicum.            | Hydrargyri Oxidum Rubrum. |
| Adrenalinum.                | Hydrargyri Perchloridum.  |
| Aloinum.                    | Hydrargyri Subchloridum.  |
| Calx Chlorinata.            | Phenolphthaleinum.        |
| Carbo Ligni.                | Plumbi Oxidum.            |
| Ferri Carbonas Saccharatus. | Sulphur Præcipitatum.     |
| Ferri Phosphas Saccharatus. | Sulphur Sublimatum.       |
| Ferrum Redactum.            | Thyroideum.               |
| Ferri Sulphas Exsiccatus.   |                           |
| Hydrargyrum Ammoniatum.     | SOLIDS.                   |
| Hydrargyri Iodidum Rubrum.  | Phosphorus.               |



CRYSTALLINE BODIES TO BE  
RECOGNISED

|                            |                          |
|----------------------------|--------------------------|
| Acidum Benzoicum.          | Iodoformum.              |
| Acidum Carbolicum.         | Iodum.                   |
| Acidum Salicylicum.        | Magnesii Sulphas.        |
| Alumen Purificatum.        | Plumbi Acetas.           |
| Ammonii Carbonas.          | Plumbi Iodidum.          |
| Ammonii Chloridum.         | Potassii Bromidum.       |
| Antimonium Tartaratum.     | Potassii Chloras.        |
| Borax Purificatus.         | Potassii Iodidum.        |
| Camphora.                  | Potassii Permanganas.    |
| Cantharidinum.             | Potassii Sulphas.        |
| Chloral Hydras.            | Potassii Tartras Acidus. |
| Cupri Sulphas.             | Quininæ Sulphas.         |
| Ferri et Ammonii Citras.   | Santoninum.              |
| Ferri et Potassii Tartras. | Sodii Sulphas.           |
| Ferri et Quininæ Citras.   | Zinci Sulphas.           |
| Ferri Sulphas.             |                          |

## LIQUIDS TO BE RECOGNISED

|                               |                                  |
|-------------------------------|----------------------------------|
| Acidum Hydrocyanicum Dilutum. | Hydrargyrum.                     |
| Æther Purificatus.            | Oleum Morrhuæ.                   |
| Amyl Nitris.                  | Oleum Ricini.                    |
| Chloroformum.                 | Oleum Terebinthinæ Rectificatum. |
| Copaiba.                      | Paraldehydum.                    |
| Ethyl Chloridum.              | Spiritus Ætheris Nitrosi.        |
| Glycerinum.                   | Spiritus Rectificatus.           |

DRUGS WHICH APPEAR IN THE  
SCHEDULE OF THE CONJOINT BOARD IN  
ENGLAND, BUT WHICH ARE  
NOT INCLUDED IN THE SCHEDULE OF  
THE SOCIETY OF APOTHECARIES  
OF LONDON

Calcii Lactas.  
Chloral Formamidum.  
Cocaina.  
Codeinæ Phosphas.  
Cresol.  
Ferrum.  
Guaiacol Carbonas.  
Hyosciaminæ Sulphas.

Liquor Ammoniaë Fortis.  
Oleum Menthæ Piperitæ.  
Oleum Santali.  
Potassa Caustica.  
Pyroxilinum.  
Sodii Iodidum.  
Thymol.  
Urotropine.



DRUGS WHICH DO *NOT* APPEAR IN  
BOARD IN ENGLAND, BUT WHICH ARE  
SOCIETY OF APOTHE-

| Substance.   | Imperial Dose.                                       | Metric Dose. | Strength per Cent.                            |
|--|--|--------------|---|
| <b>Acidum Acetyl-salicylicum</b><br>(Aspirin)          | 5-15 gr. in cachet or tablet                         | 3-10 dgms.   | —   |
| <b>Acidum Phosphoricum Dilutum</b>                     | 5-20 min.  | 3-12 dnls.   | 10·0 of Hydrogen Orthophosphate               |
| <b>Acidum Sulphurosum</b>                              | $\frac{1}{2}$ -1 dr., best given in Mistura Amygdalæ | 2-4 mils.    | —   |
| <b>Alumen Exsiccatum</b>                               | —  | —            | 45·0 less water than alum                     |
| <b>Araroba</b> ...<br>(Goa Powder ; Crude Chrysarobin) | —  | —            | 50·0 of Chrysarobin                           |
| <b>Benzoinum</b> ...<br>(Gum Benjamin)                 | —  | —            | 12·0-20·0 of Benzoic Acid                     |
| <b>Butyl-Chloral Hydras</b>                            | 5-20 gr.   | 3-12 dgms.   | —   |
| <b>Calcii Hypophosphis</b>                             | 3-10 gr.   | 2-6 dgms.    | —   |
| <b>Calcii Phosphas</b><br>(Phosphate of Lime)          | 5-15 gr.   | 3-10 dgms.   | —   |
| <b>Calx</b> (Lime) ...                                 | —  | —            | —   |
| <b>Carbo Ligni</b> ...                                 | —  | —            | —   |
| <b>Collodium</b> ...                                   | —  | —            | —   |
| <b>Cubebæ Fructus</b>                                  | 30-60 gr.  | 2-4 gms.     | 6·0-15·0 of Volatile Oil<br>6·0 of Oleo Resin |

THE SCHEDULE OF THE CONJOINT  
INCLUDED IN THE SCHEDULE OF THE  
CARIES OF LONDON

| Preparations.                               | Imperial<br>Dose.    | Metric Dose. | Strength per<br>Cent. |
|---|----------------------|--------------|-----------------------|
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| Adeps Benzoatus ("Ben-<br>zoated Lard")     | —                    | —            | 3·0 of Benzoin        |
| Sevum Benzoatum ("Ben-<br>zoated Suet")     | —                    | —            | 3·0 of Benzoin        |
| Tinctura Benzoini Co.<br>("Friar's Balsam") | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | 10·0 of Benzoin       |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| Syrupus Calcii Lactophos-<br>phatis         | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | —                     |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| —   | —                    | —            | —                     |
| Tinctura Cubebæ                             | $\frac{1}{2}$ -1 dr. | 2-4 mls.     | —                     |



DRUGS WHICH DO NOT APPEAR IN THE  
IN ENGLAND,

| Substance.   | Imperial Dose.       | Metric Dose. | Strength per Cent. |
|--|----------------------|--------------|--------------------|
| <b>Ethyl Chloridum</b><br>(Hydrochloric Ether ; Kelene)        | —                    | —            | —                  |
| <b>Liquor Ferri Perchloridi Fortis</b>                         | —                    | —            | 20·0 of Iron       |
| <b>Liquor Hydrargyri Nitratis Acidus</b><br>(Mercuric Nitrate) | —                    | —            | —                  |
| <b>Paraffinum Durum</b>  | —                    | —            | —                  |
| <b>Paraffinum Molle</b><br>(Vaseline)                          | —                    | —            | —                  |
| <b>Podophylli Resina</b><br>(Podophyllin)                      | $\frac{1}{4}$ -1 gr. | 16-60 mgms.  | —                  |
| <b>Resorcinum</b> ...<br>(Resorcinol)                          | 1-5 gr.              | 6-30 cgms.   | —                  |
| <b>Scammoniaë Radix</b>  | —                    | —            | —                  |
| <b>Scammoniaë Resina</b>                                       | 4-8 gr.              | 25-50 cgms.  | —                  |
| <b>Sodii Hypophosphis</b>                                      | 3-10 gr              | 2-6 dgms.    | —                  |

SCHEDULE OF THE CONJOINT BOARD  
ETC.—*Continued.*

| Preparations.              | Imperial<br>Dose. | Metric Dose. | Strength per<br>Cent. |
|----------------------------|-------------------|--------------|-----------------------|
| —                          | —                 | —            | —                     |
| Liquor Ferri Perchloridi   | 5-15 min.         | 3-10 dmls.   | 4.0                   |
| Tinctura Ferri Perchloridi | 5-15 min.         | 3-10 dmls.   | 4.0                   |
| —                          | —                 | —            | —                     |
| —                          | —                 | —            | —                     |
| Unguentum Paraffini        | —                 | —            | —                     |
| Tinctura Podophylli        | 5-15 min.         | 3-10 dmls.   | —                     |
| —                          | —                 | —            | —                     |
| —                          | —                 | —            | —                     |
| Pulvis Scammoniae Co.      | 10-20 gr.         | 6-12 dgms.   | —                     |
| —                          | —                 | —            | —                     |



## PART V

### APOTHECARIES HALL OF IRELAND

CONTENTS : Official Statement of Scope of Examination.

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#### OFFICIAL STATEMENT OF SCOPE OF EXAMINATION

*The Official Courses of Instruction in Materia Medica and in Practical Pharmacy extend over a period of six months each. There is no Syllabus of Drugs included in the Official Regulations of the Apothecaries Hall of Ireland.*

#### PHARMACY

*Prescriptions.*—Reading, Construction, and Incompatibles.

*Posology.*—The Pharmacopœial Preparations.

*Weights and Measures.*—Including the Metric System.

*Practical Examination.*—The candidate is given one or more Prescriptions to Compound.

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| Grains 120 (gms. 8)                           | ... | ... | ... | ... | 95     |
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