

quired to make 1 pint Imperial Proof Spirits? Value 4.

8. Describe a Hydrometer. What is the principle on which it works, and for what is it used? Value 7.

9, and 10. Oral and recognition of Specimens. Value 20.

PRESCRIPTIONS.

Examiner:—W. MURCHISON.

Time allowed, two hours.

Write the following in abbreviated form:

1. Recipe:

Quininae Sulphatis, grana sexdecim,
Strychninae Sulphatis, grani duas
quintas partes.

Acidi Hydrochlorici diluti, minima
octoginta,

Tincturae Cardamomi Compositae,
drachmas duas cum semisse,

Syrupi, uncias duas,

Aquae, unciam et drachmas duas.

Misce.

(a) If dispensing, what size bottle would you use?

(b) State quantity of Strychnine in each drachm. Value 10.

2. Indicate by example, or by setting forth, a number of glaring faults in ordinary prescription writing. Value 10.

3. (a) What is meant by chemical incompatibility?

(b) To what results may it give rise in prescription compounding and in therapeutic effect?

(c) When substances lighter or heavier than the menstruum are ordered in prescriptions, what should suggest itself to the compounder as being a desirable method of effecting satisfactory union? Value 10.

4. Write a prescription for an eight-ounce mixture to contain in each drachm maximum doses of Strychnine, Arsenious Acid, Morphine, Chloral, and Tr. Strophanthus, using B.P. compatible solutions of the first two. Value 10.

5. Give the English meaning of the following phrases, words, and abbreviations: Magnitudo hujus chartae; Usque ad vigationem; Ubi non descendit alvus; Ap tres alias vices; Dosi pederentim crescente.

Poculum; Pauxillum; Pugillus; Manipulus; Hodie; Heri; Meridies; Coena; Jentaculum; Prandium; Ad gr. acid; Cont. rem.; C.m.s.; Ejusd.; Si vir. perm.; Value 10.

6. Translate the following prescriptions:

Recipe:

Extracti Colocynthidis, grana sexaginta,

Fiant pilulae tredecim, Sumat unam, sextis horis, donec commode purgetur.

Recipe:

Pilulae Hydrargyri, scrupulum dimidium,

Divide in duas partes; sumat unam statim, alteram circa mediam noctem.

7, 8, 9, 10. Oral.

MATERIA MEDICA.

Examiner:—J. TOLBERT PEPPER.

Time allowed, two hours.

1. What is Materia Medica? What is meant by Organic Materia Medica? By Inorganic? Give an example of each. Value 12.

2. What is Benzoin? How is it procured? What varieties are found in commerce? Where is it obtained? Name its properties and uses. What acid is obtained from it? Is this acid, as usually found in drug stores, made from Benzoin? If not, what is its source? Value 16.

3. Give the distinctive appearances of the following starches, making drawing to a scale if you prefer it: Maranta, Maize, Oat, Potato, Turmeric. Value 10.

4. Give, in a tabular form, the full Latin and common names, habitat, part used, and medicinal uses of Triticum; Hyoscyamus, Camphor, Kola, Galla, Sarsa, Vanilla, Coca. Value 20.

5. What safeguards or precautions would you suggest, so as to prevent deterioration in stock of the following: Powdered Extracts, Camphor, Volatile Oils, Menthol, Orris Root, Cloves, Dandelion Root, Ergot, Cantharides, Valerian Root. Value 10.

6. Give the English names and synonyms, if any, of the following: Cimicifuga, Cetraria, Krameria, Althaea, Spigelia, Colocynthis. Value 12.

7, 8, 9, and 10—Oral examination and recognition of Specimens.

BOTANY.

Examiner:—CHAS. R. SNEATH.

Time allowed, two hours.

1. Describe fully the structure of the stem of a member of the Rose family. Value 12.

2. Describe fully a typical flower. Explain these modifications, viz.: Imperfect, incomplete, achlamydeous. Value 10.

3. What are the characteristics of N. O. Crucifera? Note particularly the fruit. Value 10.

4. What are the Bryophyta? What classes are included in this division? Give a general description of plan of reproduction. Value 12.

5. What is inflorescence? How classified? Explain your classification. Explain and properly classify the following, viz.: Raceme, head, corymb, umbel. Value 10.

6. Explain fully the following terms: Monodelphous, plumule, chlorophyll, hypogynous stamens, stomata. Value 12.

7. Describe fully the Venation of the leaf given you. What are the common characteristics of the class of plants to which it belongs. Value 10.

8, 9, and 10—Oral. Value 24.

DISPENSING.

Examiner:—A. R. FRASER.

Time allowed, three hours.

MR. JAS. WHITE.

1. R.—
Mag. Sulph. Siss.
Magnes. Carb. Siii.
Aq. Dist ad. Svi.

M

Si quaque quarta vel sexta hora, pro necessitate.
P.S.—“Graduate the doses on bottle.” Value, 20.

MR. JOHN BROWN.

2. R.—

Ext. Bellad. grs. xx.
Zinc Oxyd. Sss.
Vaseline. Sss.

M. ft. ung.

Appl. more dictu, bis die. Value, 20.

MR. WILLIAM GREEN.

3. R.—

Ol. Morrhuæ. Sii.
Pu. Acacia. Q.S.
Aq. ad. Siv.

M. ft. Emulsio.

Sii. T.D.Si: ex aq. Sii. p.c. Value, 20.

MR. HENRY BLACK.

4. R.—

Camphor. gr. ii.
Ferri Sulph. grs. iv.
Pu. Aloes B. grs. iv.

M. ft. pil. ii. Mitte xii.

Unam post prandium et coenam. Value, 20.

MR. JOHN JONES.

5. R.—

Morph. Mur. gr. ii.
Fiat in Suppos. iii.
Usus i. o. h. 2 dolore urgente. Value, 20.

Colleges and Graduates.

M. B. Annis, Phar. B., O.C.P., class of '94, formerly with C. D. Daniel & Co., of Toronto, has accepted a position with H. W. Galpin, 6th Avenue, New York city.

A. R. Johnston and T. T. Barnes, both graduates of the O.C.P., have accepted positions as dispensing clerks in Brooklyn, N.Y.

J. H. Seagars, class '94, O.C.P., and formerly with Dr. Slavin, Orillia, Ont., has obtained a good position in Newark, N.J.

One hundred and four candidates presented themselves for examination at the Ontario College of Pharmacy last week, 99 taking all subjects. And now for the University and degree of Phar. B.

Two students of the Montreal College of Pharmacy have entered actions for damages against the College Council for suspension. Those students who apologized for their insubordination were allowed to re-enter, but two declined to apologize, and hence were not permitted to attend lectures.

J. J. McLaughlin, graduate of O.C.P., whose mineral water manufactory on Sherbourne street, Toronto, Ont., was blown up a short time ago, has returned from his stay in Aiken, S.C., whither he had gone for the benefit of his health, which we are pleased to say, has been greatly benefited.