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College Attendance.

As some attention has recently been called to the attendance at the Ontario College of Pharmacy during the term courses, we have obtained for our readers the true facts of the matter.

The number of students reported in attendance at the Council meeting in February is always less than the actual number who complete the course, as all have not paid their fees by that date, nor are their term tickets registered with the Dean by that time.

Ninety nine students completed the Junior Course in 1892, and ninety-six in 1893, while ninety-five completed the Senior Course in 1893 and the same number in 1894.

Such a record during the present depressed state of financial affairs is certainly creditable to the school and entirely frees it from any imputation of unpopularity which might be cast upon it.

The Pharmaceutical Examinations.

In this issue we give copies of the examination papers as submitted by the examining Boards of Pharmacy of Ontario, Quebec and British Columbia. These will be found particularly interesting to students, presenting, as they do, a guide to the description as well as the standard of questions usually submitted.

The fact that each year the papers are apparently becoming more difficult, and a high percentage being demanded as a condition of passing, does not seem to deter young men from entering the portals of our pharmaceutical institutions, as the number of students is increasing every year. The result of the examination in Quebec is given elsewhere in this issue, but that of Ontario was not received up to the time of our going to press. At the latter examination 87 candidates presented themselves.

Waste in Filtering,

The inelegancy and wastefulness of using an unnecessarily large filtering paper or a large amount of other media for filtering solutions is one of the first principles of manipulatory pharmacy taught to the apprentice. The reasons given are usually waste through absorption and evaporation, but a double reason is now given

to it through the researches of Messrs. Beadle and Gore, who have shown that there is an abstraction of salts by colloidal bodies in such a way that these cannot be again entirely recovered by washing. This is particularly noticeable in weak solutions, when the salts are partially decomposed, and the percentage strength of the solution much weakened, in some cases by as much as 80 per cent.

The principle, briefly restated, is that powdered glass, sand, paper pulp, cotton, etc., when placed in a solution of a salt, exercise a particular attraction for the solids in the solution, and in a very brief time that portion of the liquid which is in the immediate vicinity of the solid is found to be stronger than the remainder of the solution, and the solid is found to have acted as a solvent itself. These conditions vary with the nature and strength of the solution and of the colloidal body, but in very many cases not all of the salt, thus absorbed can be recovered by washing with the original solvent.

These facts, so far as they have been demonstrated, have an important bearing upon filtration, since the same phenomena must take place through the agency of filtering media. It explains, for instance, why the filtering of lime-water materially weakens it, and probably the same effects may be observed with other solutions. In the case of strong solutions this loss may be disregarded, but in weak solutions the question of filtration may prove to be an important one, and decantation may be more scientific as well as more convenient.
—N. E. Druggist.

Concentration.

A substantial business success means several things. It calls, in the first place, for concentration. There is no truth so potent as that which tells us that we cannot serve God and Mammon. Nor can any young man successfully serve two business interests, no matter how closely allied; in fact, the more closely related the interests, the more dangerous they are. The human mind is capable of just so much clear thought, and generally it does not extend beyond the requirements of one position in these days of keen competition. If there exists a secret of success, it lies, perhaps, in concentration more than any other single element.

During business hours a man should be in business, his thoughts should be on nothing else; diversions of thought are killing to the best endeavors. The suc-