## [ 293 ]

## Editorial.

## THE SEMI-ANNUAL EXAMINATION.

The examination held last month was quite an improvement on that which preceded it. This was particularly true in regard to the arrangements which had been made for the convenience of the students. The room in which the examinations were held was admirably adapted to the purpose, being the apartment in the College of Technology which is devoted to the study of practical chemistry. It was fitted up with separate work-tables, and all ordinary apparatus; and to these were added such articles as were necessary for the manipulations of practical dispensing.

The number of candidates was thirteen. of whom, ten succeeded From the report of the examiners we learn, that the in passing. general proficiency shown was in advance of that of former examinations, but that none of the candidates had shown such a thorough knowledge of the various subjects as had been evinced by the answers of the gentleman who headed the list at the preceding evamination

It will be seen that, in obedience to the wish of the Council, as expressed at the August meeting, Practical Dispensing was introduced as one of the subjects of trial, and students were required to give an evidence of their skill, by actual manipulations at the dispensing counter. The proficiency shown in this department is stated to have been very creditable, and it is recommended that this branch he continued.

The questions given at the examination are printed below, so that our young friends may have an idea of the general direction of their studies.

## CHEMISTRY.

1. For what purposes are hydrometers and thermometers employed ?

 Define the terms, hydrous, anhydrous, hydrate and anhydride.
What are the properties of oxygen? Give a process for its preparation, and name some of the important compounds into which it enters.