

to time in the lecture-room and in the laboratory. Never lose an opportunity to compare diseased with healthy structures, for then morbid anatomy will be receiving its just share of your attention.

Chemistry, theoretical and practical, is a subject that will interest you much, although its area is now so vast that it is hardly possible for the student to obtain a knowledge of the whole. It will be found indispensable in your study of Physiology and Materia Medica, in the momentous questions of Forensic Medicine, such as the detection of poisons, &c., and in the examination of secretions at the bedside. I would earnestly advise the study of the laws of light, heat and electricity, as they will be found later on to occupy prominent positions in the treatment and diagnosis of disease. The importance of electricity and galvanism as therapeutic agents for the relief of pain, and the restoration of use and feeling to paralyzed parts, is now fully recognized.

Materia Medica with its important department of Therapeutics will also demand considerable attention at your hands. It is to be regretted in this connection, that the old system of apprenticeship has passed away, as then materia medica was imbibed as it were insensibly; by constant handling one got to know the colour, taste, smell, and a hundred other qualities of drugs. It is to be hoped that the present requirements of the faculty regarding Practical Pharmacy, will meet with an earnest response from you all. Some knowledge of Botany and Zoology will be demanded by our esteemed Principal, but while a fair idea of either of those subjects is expected of you, it is not desirable that they should engage so much of your attention as to exclude the more important, and purely professional work. While here may I be allowed to express the hope that as the general education of the student of medicine continues to improve (and the improvement has certainly been vast within the last few years) these may with benefit be placed in the list of subjects for preliminary examination.

By following the course thus laid out for you, you plant deep and firm a scientific ground-word for the study of those