

PART IV

ADVANCED CLINICAL AND BIOLOGICAL CHEMISTRY

SYNOPSIS OF AN OPTIONAL COURSE OF TWELVE OR
FOURTEEN LABORATORY PERIODS IN ADVANCED
CLINICAL AND BIOLOGICAL CHEMISTRY GIVEN AT
THE END OF THE THIRD YEAR

THIS optional course is offered to those students who have had more than the average training in chemistry required for students in Medicine, and the class is limited.

The exact quantitative methods studied in this course are essential for the investigation of problems in metabolism, whether physiological or pathological.

It is designed especially for those who intend taking hospital positions after graduating, or who desire to prepare themselves for study abroad and for research in Medicine.

The course is required from all candidates for the Gold Medal in Medical Chemistry (Sutherland Medal).

R. F. R.

FIRST LABORATORY PERIOD

URINE—NEGATIVE IONS

I. *Acidity of Urine* (Naegeli-Folin): Measure 25 c.c. urine in 200 c.c. Erlenmeyer flask, add 3 or 4 drops of phenolphthalein and 15–20 grms. powdered