## REPORT ON DEPARTMENTS OF

BOTANY, CHEMISTRY, GEOLOGY, PHYSICS, and ZOOLOGY for the FACULTY OF GRADUATE STUDIES AND RESEARCH

by Dean F. M. G. Johnson.

This report is based on separate reports from each of the above departments. Each department gives an outline of its history, in most cases including valuable information concerning the work which it has accomplished, and what it might accomplish if the necessary funds were available.

The loudest cry of each is for money (the department of Zoology excepted). This is to be spent on staff, buildings, scholarships and equipment. The details of the proposed expenditures may be seen in the separate reports. Certain important suggestions are as follows:-

## BOTANY

That botany be taught in the schools thus providing positions for botanists as teachers.

Appointments of a mycologist and a taxonomist-ecologist with the object of developing research along their particular lines.

## CHEMISTRY

That higher degrees in chemical engineering be offered when facilities are available.

That technical assistance be provided to promote research not now possible.