

NATIONAL UNIVERSITY OF IRELAND, GALWAY
Ollscoil na hÉireann, Gaillimh

Summer Examinations, 2000 - Honours
B.Sc. Degree and M.Sc. Qualifying Examinations

BIOCHEMISTRY (BI401)

Fourth Paper

Extern Examiner: Professor N.C. Price

Time allowed: *Three Hours*

Write critical essays on **three** of the following topics. Please start each topic with a new answer book and clearly indicate the number and title on the front.

1. Integrins.
2. Histones and chromatin.
3. The Human Genome Project - current and future perspectives.
4. The origins of HIV and AIDS.
5. The structure of ribosomes.
6. "Detailed molecular phylogeny is changing our understanding of the course of evolution". Discuss.