

NATIONAL UNIVERSITY OF IRELAND, GALWAY
Ollscoil na hÉireann, Gaillimh

Autumn Examinations, 2002 - Honours

B.Sc. Degree Examination

BIOCHEMISTRY (BI401)

Fourth Paper

Extern Examiner: Dr. D.K. Apps

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. Eicosanoids and prostaglandins.
2. Directed evolution/engineering of proteins.
3. Antimicrobial peptides.
4. Photosynthetic reaction centres.
5. Antifreeze proteins.
6. Origins of human virus diversity.