

OLLSCOIL NA hÉIREANN, GAILLIMH  
NATIONAL UNIVERSITY OF IRELAND, GALWAY

SUMMER EXAMINATION 1999/2000

B.Sc. (Hons.) in Microbiology

**Unit 3**

**Quality Assurance**

EXTERN EXAMINER: Professor C M Brown

INTERN EXAMINER: Internal Examiners

TIME ALLOWED: 1½ hours

(INDICATE CLEARLY THE QUESTIONS ANSWERED ON THE FIRST  
PAGE OF YOUR ANSWER BOOK)

Write on **FIVE** of the following topics: -

1. Comparative validation.
2. Predictive validation.
3. Levels of complexity in validation studies.
4. Robustness and precision.
5. Setting compliance criteria for MIC tests.
6. Attribution of meaning to data generated in susceptibility tests.
7. Ensuring quality through a QMS.
8. QA.
9. The principles of GLP.