

National University of Ireland, Galway
Ollscoil na hÉireann, Gaillimh

SPRING EXAMINATIONS 2000

M.Sc. Biomedical Science

AN307 Cell Biology and Histology

2 Hours

Prof. J. Folan - Curran
Dr. B. Wilkins

Answer any **SIX** questions.

1. Write notes on
 - a) the blood:air interface (barrier)
 - b) the blood:urine interface (barrier)
2. Write an essay on the histological organization of the liver
3. Write an essay on the structure of the epidermis
4. Describe the general histology of the **conducting** portion of the respiratory tract
5. Write notes on
 - a) the lymph node
 - b) the spleen
6. Describe the histology of the mucosa of the stomach
7. Compare the mucosa of the duodenum with that of the large intestine
8. Write notes on
 - a) The salivary glands
 - b) The pancreas
9. Describe the structure of a nephron