

OLLSCOIL na hÉIREANN, GAILLIMH
THE NATIONAL UNIVERSITY OF IRELAND, GALWAY

SPRING EXAMINATIONS, 1998

FOURTH MEDICAL (PART I) EXAMINATION

PATHOLOGY

Time allowed: Three hours.

Answer five questions including one from each Section. Use separate answer books for each Section and all questions answered in Section B.

SECTION A

Professor J.C.E. Underwood

1. Describe the pathogenesis of pulmonary emphysema and summarise the main complications of this condition.
2. Indicate how a patient's prognosis can be predicted from the pathological features of a breast removed by a surgeon for carcinoma.

SECTION B

Professor C.E. Connolly

Dr. M.P.G. Little

Dr. G. Mortimer

Dr. Helen Grimes

3. Write notes on three of the following with examples:
 - (a) The Rye Classification of Hodgkins Disease
 - (b) Causes of fatty liver
 - (c) Traumatic Intracranial Haemorrhage
 - (d) Thromboembolic Disease - predisposing factors
4. Write an essay on Hamartomas with particular reference to an accurate definition, incidence, and prognosis.
5. How do you clarify gastric carcinoma. Give an assessment of factors that you consider of importance in its etiology and pathogenesis emphasising more recent developments in this area.

6. Discuss two of the following:

- (a) the clinical value of serum tumour markers
- (b) biochemical markers used in the assessment of myocardial infarction
- (c) the investigation of Hypercalcemia in an adult.

SECTION C

Professor E. Egan
Dr. Margaret Murray

7. Discuss Multiple Myeloma from the standpoint of its nature and manifestations.

OR

List the Myeloproliferative Diseases.
Discuss one in detail.