

Ollscoil na hÉireann, Gaillimh
National University of Ireland, Galway

Spring Examination, 2004
Fourth Medical, Part 1 – 4MB2
Pathology – PA402

Answer 5 questions including one from each section.

USE SEPARATE ANSWER BOOKS FOR EACH SECTION

Time allowed: 3 hours

SECTION A

Dr Mary Sheppard

- Q 1. Write an essay on lung neoplasia. Discuss the prognostic information provided by the pathological examination of resected specimens.
- Q2. Describe the differences between benign and malignant neoplasms. Illustrate your answer with examples in the breast and bowel

SECTION B

Professor C. E. Connolly

Dr Gabriel Mortimer

Dr. Fadel Bennani

- Q 3. Write a note on three of the following;
- Thrombus formation including predisposing causes.
 - The differences between acute and chronic inflammation.
 - The differences between hyperplasia, metaplasia, and dysplasia.
 - The difference between granulation tissue and granuloma formation
- [Illustrate your answer with examples you know]
- Q4. Write brief notes on four of the following.
- Classification of twins
 - Complete hydatidiform mole
 - Productive versus integrated cervical hpv infection
 - Endometrial hypereplasia
 - Krukenburg tumours
- Q5. Write an essay on inflammatory bowel disease. Include major complications.
- Q6. Discuss the etiology and pathogenesis of atherosclerosis. What are the complications of atheroma in medium and large arteries?

SECTION C

Professor E. Egan

Dr Margaret Murray

Dr Michael Maguire

Answer question 7 or 8, note question 7 has two parts.

- Q7. Write notes on both of the following in **SEPARATE ANSWER BOOKS**.
- What is the role of the liver in blood coagulation
 - What is meant by a monoclonal gammopathy?
- Q8. What are the myeloproliferative diseases? Discuss in detail