

PRIMARY EXAMINATION

PATHOLOGY

Wednesday 3 December 2003

Time allowed: Two hours

INSTRUCTIONS TO CANDIDATES

Answer any ONE (1) question from Section A.

Answer any TWO (2) questions from Section B.

Answer any TWO (2) questions from Section C.

Answer sections A, B and C in separate booklets. The mark values are as shown for the questions in each section. Maximum marks = 150.

Section A (answer **one** question: 50 marks)

1. Discuss the role of T lymphocytes in host defence against pyogenic bacterial, viral and mycobacterial infections.
2. Describe the ways in which malignant neoplasms spread. Using appropriate examples, explain how the spread of neoplasms is related to their clinical manifestations.

Section B (answer **any two** questions: 25 marks each)

3. Write briefly about factors that contribute to the recruitment of neutrophils to a site of acute inflammation.
4. What is the role of granulation tissue in healing?
5. Write briefly about causes of an increased risk of thrombosis.

Section C (answer **any two** questions: 25 marks each)

6. Comment on the statement: "Type II hypersensitivity involves complement-mediated lysis of cells".
7. Describe the possible outcomes of hepatitis C virus infection.
8. Why is carcinoma of the lung a leading cause of death from cancer?