

PRIMARY EXAMINATION

PATHOLOGY

December 2001

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. Describe the sequence of events in primary intention healing of an incised wound. What is the role of growth factors in this process?
2. What is pus? Explain how it forms.

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

3. Explain the terms "haemolytic anaemia" and "megaloblastic anaemia". How may these conditions develop?
4. Write briefly about the factors that predispose to venous thrombosis.
5. Briefly describe the ways in which malignant neoplasms may produce clinical manifestations.

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

6. Explain how autoantibodies may produce disease.
7. Write briefly about the role of cytokines such as tumour necrosis factor- α and interleukin-1 in inflammatory disorders.
8. Write briefly about the relationship between viral hepatitis and primary carcinoma of the liver.

End of Paper