

PRIMARY EXAMINATION

**PATHOLOGY**

Wednesday, 6 December 2000

Time allowed: Two hours

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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.

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

1. What is a granuloma? How and why does a tuberculous granuloma differ from the granuloma associated with an inert foreign body?
2. Explain how benign and malignant neoplasms differ. Briefly review environmental factors known to contribute to the development of neoplasms.

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

3. What is pancytopenia? Write briefly about its consequences.
4. What is a thrombus? Why does atherosclerosis predispose to thrombosis?
5. Briefly describe the possible outcomes of transection of a nerve.

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

6. Write briefly about the notion that carcinogenesis is a multi-step process.
7. Write briefly about the role of CD4-positive T -lymphocytes in host defence.
8. What is acute rheumatic fever? Why is it important?

End of Paper