

PRIMARY EXAMINATION

**PATHOLOGY**

Wednesday 4 December 2002

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 are the characteristic features of malignant neoplasms? Why does the rank order of incidence of malignant neoplasms differ in different parts of the world?
2. Describe the vascular changes responsible for local redness and swelling at a site of acute inflammation. Explain the mechanisms underlying these changes.

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

3. Explain the term "acute leukaemia". Write briefly about the oral manifestations of leukaemias.
4. Using appropriate examples, explain the terms "ischaemia" and "thromboembolism".
5. Briefly describe the systemic effects of inflammation.

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

6. Write briefly about type III hypersensitivity.
7. Comment on the statement: "Osteoporosis is an important cause of fractures in older persons".
8. What is infective endocarditis? Why is it important?

End of Paper