



ROYAL AUSTRALASIAN COLLEGE
OF
DENTAL SURGEONS
INCORPORATED
ABN 97 343 369 579

PRIMARY EXAMINATION 2007

PATHOLOGY

WEDNESDAY 28 November 2007

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. Using appropriate examples, discuss the different patterns of cellular recruitment which may be seen in inflammatory lesions and explain why these different patterns occur.
2. Using appropriate examples, discuss how environmental agents may contribute to the development of malignant neoplasms.

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

3. Define "anaemia" and write briefly about the different causes of this condition.
4. Write briefly about the possible outcomes of thrombosis of the deep veins of the leg.
5. In the context of healing, explain the terms "repair", "secondary intention" and "scar remodelling".

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

6. Write briefly about the role of complement in host defence.
7. Comment on the statement: "Mast cells are the most important cells involved in type I hypersensitivity responses".
8. Write briefly about why early diagnosis of malignant neoplasms is important.