



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

**PRIMARY EXAMINATION IN
PATHOLOGY**

Monday 27 November 2006

Time allowed: Two hours

INSTRUCTIONS TO CANDIDATES:

The complete examination in Pathology is in two parts:

This paper is worth 75% of the final mark;

The viva is worth 25% of the final mark.

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. The total mark will be scaled to constitute 75% of the final mark.

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

- A1. What is an abscess? Discuss the sequence of events in the development of an abscess in the oral cavity.
- A2. Discuss how chronic inflammation may develop. Describe the different morphological patterns of a chronic inflammatory response.

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

- B1. What is leukaemia? How does an acute leukaemia differ from a chronic leukaemia?
- B2. What is infective endocarditis? Write briefly about the possible effects of emboli arising from the lesions of infective endocarditis.
- B3. In the context of healing, explain the terms "regeneration", "repair" and "primary intention".

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

- C1. Comment on the statement: "Carcinogenesis is a process of accumulating mutations".
- C2. Write briefly about the role of complement in host defence.
- C3. In what ways do osteosarcomas differ from squamous cell carcinomas?