



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

PRIMARY EXAMINATION 2008

PATHOLOGY

Tuesday 25 November 2008

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

1. Discuss the statement "Inflammation is a vascular response to injury".
2. Explain the clinical features of oral squamous cell carcinoma in terms of the underlying pathological processes.

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

3. Outline the mechanisms responsible for healing of extraction sockets.
4. Write briefly about mechanisms of haemostasis.
5. Comment on the statement "Infarction is the result of thrombosis".

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

6. Using appropriate examples, write briefly about the role antibodies play in defending an individual against infection.
7. Using appropriate examples, explain the mechanisms by which Type II hypersensitivity produces clinical manifestations.
8. Write briefly about infective endocarditis.

END OF EXAMINATION PAPER