



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

PRIMARY EXAMINATION IN
HISTOLOGY

Tuesday 25 November 2008

Time allowed: **Two hours**

INSTRUCTIONS TO CANDIDATES

The complete examination in Histology is in two parts:

Written paper is worth 75% of final mark

Viva is worth 25% of the final mark

- There are Two (2) sections to this paper.
- Candidates are required to complete Two questions in Sections A.
- In addition they must also complete FOUR (4) questions from Section B
- Each section must be answered in a **separate booklet**.

Section A

Answer **two** of the questions below (each of the essays is worth 17.5% of the final mark in histology – total 35%)

1. Describe the regional variation of the oral mucosa and discuss its relationship to normal function.
2. Define induction and discuss the role of reciprocal induction during tooth formation.
3. Describe the histological features of the mandible.

~ END OF SECTION A ~



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written paper continued

Section B

Answer any **four** of the questions below (each of the answers is worth 10% of the final mark in histology – total 40%)

- a. Discuss age related changes of the tissues of the oral cavity and maxillofacial complex.
- b. Describe the pulp-dentine complex and its role in maintenance of tooth vitality.
- c. Compare and contrast the histological features of the major salivary glands.
- d. Describe the histology of a lymph node.
- e. Describe the histology of the periodontium.
- f. Describe the life cycle of an ameloblast.

TOTAL 75

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