

**THE ROYAL AUSTRALIAN AND NEW ZEALAND
COLLEGE OF OPHTHALMOLOGISTS**

OPHTHALMIC BASIC SCIENCES EXAMINATION

GENERAL PATHOLOGY

August 2004

All questions are to be attempted

Time allowed: 1 hour.

**The marks give guidance to the time you spend on each question.
60 minutes = 50 marks**

Question 1

What is the nature of cell injury, necrosis and repair? (10 marks)

Question 2

Write notes on the pathology of chronic ocular inflammation. (10 marks)

Question 3

Write notes on the characteristics of benign and malignant epithelial neoplasms.
(10 marks)

Question 4

Write notes on the following investigational techniques:

- a) impression cytology
- b) immunohistochemistry
- c) polymerase chain reaction (PCR)

(10 marks)

Question 5

Write notes on the common stains used in pathological diagnosis. (10 marks)