



The Royal Australian and New Zealand College of Ophthalmologists

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OPHTHALMIC BASIC SCIENCE EXAMINATIONS BASIC PATHOLOGY 01 July 2008

Duration of paper: 1 hour **Total Marks: 60**
Total No. of questions: 4

- ◆ **Candidates must attempt all questions**
- ◆ **Write your answers in the answer pad using CLEAR and LEGIBLE writing, use diagrams and point form where appropriate**
- ◆ **Start a new page for each question, do not write on the reverse of any answer page. Make sure to put your candidate number on each page**
- ◆ **If you cross out an area of your own writing, it will not be considered by the examiners**

Question 1

Describe the immunologic mechanism of granulomatous inflammation.

(15 marks)

Question 2

Describe the mechanism of cutaneous wound healing by first intention (wound with opposed edges).

(15 marks)

Question 3

Describe the growth factors and receptors important in angiogenesis.

(15 marks)

Question 4

Describe the mechanism of metastasis.

(15 marks)

END OF PAPER