



FC Ophth(SA) Primary IA

THE COLLEGES OF MEDICINE OF SOUTH AFRICA

Incorporated Association not for gain
Reg No 1955/000003/08

Primary IA Examination for the Fellowship of the
College of Ophthalmologists of South Africa



30 January 2020

Paper 1

Anatomy

(3 hours)

All questions to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1 a) Describe, with the aid of a diagram, the important anatomical structures of the anterior chamber angle. (15)
- b) Write short notes on the following
i) Incomplete penetrance. (2)
ii) X-linked recessive inheritance. (3)
iii) Major histocompatibility complex. (3)
iv) Langerhans cell. (2)
[25]

- 2 Discuss the origin, course and branches of
a) The ophthalmic division of the trigeminal nerve (V1). (15)
b) The maxillary division of the trigeminal nerve (V2). (10)
[25]



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31 January 2020

Paper 2

Physiology

(3 hours)

All questions to be answered. Each question to be answered in a separate book (or books if more than one is required for the one answer)

- 1 Write short notes on
 - a) Biochemistry of aqueous humour. (10)
 - b) Aqueous humour outflow from the eye. (15)[25]

- 2
 - a) Describe with the aid of a table, actions of topically applied drugs that lower Intra-ocular pressure (IOP). (15)
 - b) Discuss factors influencing topical drug absorption. (10)[25]