



THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

Final Examination for the Fellowship of the
College of Ophthalmologists of South Africa

26 July 2019

Paper 2

Clinical Ophthalmology

(3 hours)

All questions are 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 Discuss the clinical features (ocular and systemic) of the following gaze palsies. (Please do not discuss management)
 - a) Internuclear ophthalmoplegia (INO). (10)
 - b) Dorsal midbrain syndrome. (5)
 - c) Progressive supranuclear palsy. (5)
 - d) Skew deviation. (5)[25]

- 2
 - a) Write a classification for the MIGS devices that you know of - use an anatomical basis for your classification. Name one device in each of the groups. Mention briefly how each device that you named reduces intra-ocular pressure. (10)
 - b) What are the classes of topical drugs available in the medical management of glaucoma and what is the mechanism of action for each of these classes? Give one example of an agent (use generic, not trade names) with its concentration for each class. Do not include the fixed combination agents in your answer. (10)
 - c) Give a brief summary of the pertinent findings of the LiGHT study. (5)[25]

- 3 Write short notes on
 - a) A discussion that you would have with a family about genetic testing in Retinitis Pigmentosa in South Africa. (10)
 - b) The HAWK and HARRIER trials (Brolucizumab). (10)
 - c) Visual criteria for Drivers Licence in South Africa. (5)[25]

- 4
 - a) Discuss AP-ROP (aggressive posterior retinopathy of prematurity) under the headings (10)
 - i) Definition.
 - ii) Clinical features.
 - iii) Treatment.
 - b) Discuss orbital capillary infantile haemangiomas under the headings (15)
 - i) Clinical presentation.
 - ii) Imaging features.
 - iii) Treatment.[25]