



Dip Opth(SA)

THE COLLEGES OF MEDICINE OF SOUTH AFRICA

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

Examination for the Diploma in Ophthalmology of the College of Ophthalmologists of South Africa

11 July 2019

Paper 1

(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
 - a) Write short notes on the varicella zoster virus and the eye. (5)
 - b) Describe the general features and treatment of herpes zoster ophthalmicus. (10)
 - c) Detail the acute and chronic eye disease that is part of herpes zoster ophthalmicus. (10)[25]

- 2 Write short notes on the following
 - a) Prevention and treatment of post-operative endophthalmitis. (9)
 - b) Cavernous sinus thrombosis. (5)
 - c) Xerophthalmia. (5)
 - d) Congenital nasolacrimal duct obstruction. (6)[25]

- 3
 - a) List 10 ways the normal human anatomy and physiology protect the eye against trauma. (10)
 - b) Describe the different ways trauma can affect intra ocular pressure. (6)
 - c) A patient was stabbed in the right eye with a knife and the patient presents to you with a cornea laceration and uveal prolapse. Describe how you would establish the visual prognosis in order to direct further management. (3)
 - d) List 5 clinical signs to help distinguish between occult posterior globe rupture/laceration and an intact globe after an assault. Also name your preferred special investigation to confirm your suspicion. (6)[25]

- 4 A 3-year-old boy is brought in by his mother to see you. She complains that his right eye is turning inwards. Describe how you would assess and manage this child under the following headings
 - a) History. (8)
 - b) Examination. (8)
 - c) Management. (5)
 - d) Differential diagnosis. (4)[25]