



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

2 March 2018

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 optic neuritis with special emphasis on the clinician's approach to establishing an etiological diagnosis and a management plan. [25]
- 2 Write short notes on each of the following special investigations used in ophthalmology. Your notes should include: clinical scenarios where these investigations are indicated, interpretation of results, the impact on management decisions, and the specificity and sensitivity of the test. You may tabulate.
 - a) Aquaporin 4 antibodies.
 - b) Immunoglobulin G subclass 4 immunoassay.
 - c) C-reactive protein
 - d) Protein C and Protein S.
 - e) Tuberculin skin test.
 - f) Anti-acetylcholine receptor antibodies.
 - g) Polymerase chain reaction.
 - h) 16s and 18s gene sequence analysis.
 - i) Human leucocyte antigen testing.
 - j) TSH receptor antibodies. [25]
- 3
 - a) Draw a schematic diagram of the nasolacrimal drainage system of the right eye. Indicate on the diagram the potential sites of obstruction. Briefly discuss the conditions that can cause the obstruction at these different sites. (10)
 - b) Briefly discuss the surgical options for overcoming the obstruction at these sites. (15) [25]
- 4 Discuss the clinical evaluation and management of congenital cataract. [25]