

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (OPHTHALMOLOGY) FINAL EXAMINATION – DECEMBER 2020**

**Date:-** 7<sup>th</sup> December 2020

**Time:-** 9.00 a.m. – 12.00 noon

**ESSAY PAPER**

**Answer all four (04) questions.**

**Answer each question in a separate book.**

1. A 56-year-old woman presented with a headache, nausea and pain in her right eye. On examination of her right eye: visual acuity was hand movements, intraocular pressure was 50mmHg, anterior chamber was shallow, with an intumescent white cataract and no fundal view. The left eye: visual acuity was 6/9, intraocular pressure was 12 mmHg, lens was clear, and fundal examination was unremarkable.
  - 1.1. Briefly outline the pre-operative management of this patient. (50%)
  - 1.2. Discuss the problems that you would anticipate in this patient during cataract surgery and the precautions you would take to prevent them. (50%)
2. A middle aged female presents to you with transient loss of vision in her right eye.
  - 2.1. List the possible causes. (20%)
  - 2.2. Discuss the clinical assessment of this patient. (80%)
3. A 60-year-old male presented 6 hours after cut injury with a knife. He was found to have vertical full thickness corneal laceration with iris prolapse extending from limbus to limbus through the central cornea and a central upper lid laceration involving the margin.
  - 3.1. Describe how you would assess this patient. (30%)
  - 3.2. Explain the acute surgical management. (40%)
  - 3.3. What possible complications would you look for in this patient in the immediate post-operative period? (30%)
4. A 55-year-old lady presented with unilateral proptosis.
  - 4.1. What are the likely causes in this patient? (30%)
  - 4.2. Describe your approach to elicit the diagnosis. (70%)