

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OPHTHALMOLOGY) EXAMINATION – DECEMBER 2021
(RESCHEDULED)

Date:- 9th December 2021

Time:- 1.00 p.m. – 4.00 p.m.

ESSAY PAPER

Answer all four (04) questions.

Answer each question in a separate book.

1. A 30-year-old estate labourer presented with gradual loss of vision in his left eye of one month duration. Right eye has no perception of light (NPL) due to a traumatic injury in the past. Visual acuity in the left eye is perception of light (PL), with anterior chamber cells +2, keratic precipitates, hazy vitreous with cells and exudative retinal detachment.
 - 1.1. Enumerate the differential diagnoses. (20%)
 - 1.2. What information in history, examination and investigations will help you to arrive at the diagnosis? (40%)
 - 1.3. How would you treat this patient? (40%)

2. A 60-year-old woman presents with a two day history of photophobia, pain and redness in her right eye. She has had a right trabeculectomy with mitomycin-C, done 7 years ago.
 - 2.1. Enumerate the differential diagnoses of this patient. (10%)
 - 2.2. What are the risk factors that may have contributed to this situation, and what are the preventive measures that should have been taken? (30%)
 - 2.3. Discuss the management of this patient. (60%)

Contd..../2-

3. A 75-year-old woman presented with one day history of right sided severe deep ocular pain, red eye and tearing. She complained of frontal headache and erythema on the forehead on the same side. Patient was sick for last three days.

3.1. How would you clinically approach to elicit the possible diagnoses? (40%)

3.2. Discuss the management of the most likely diagnosis of this patient. (60%)

4. A 26-year-old woman presents to you with a painful blind eye following multiple surgical procedures for perforated corneal ulcer. After careful consideration, you have concluded that there is no residual infection and enucleation is the only option.

4.1. Discuss preoperative management. (50%)

4.2. Discuss the surgical steps of enucleation in this patient. (50%)