

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

OPHTHALMOLOGY MODULE IV EXAMINATION – OCTOBER 2012

Date :- 15th October 2012

Time :- 1.00 p.m. – 4.00 p.m.

ESSAY PAPER

All questions are to be answered.

Answer each question in a separate book.

1.
 - 1.1. Briefly describe the early post operative complications of trabeculectomy with mitomycin C application. (40%)
 - 1.2. Describe in detail how you would manage a shallow anterior chamber in the immediate post operative period. (60%)
2. You are referred a 4 year old girl whose parents have noticed her left eye turning inwards over the last few months.
 - 2.1. What are the possible methods of testing visual acuity in children ? (20%)
 - 2.2. How would you assess binocular function in a child ? (20%)
 - 2.3. On examination you identify the following :-
Visual acuity is 6/6 right eye and 6/24 in the left eye, unaided
Cover test shows a left esotropia measuring 40 Prism Diopters (PD) for near and 14 PD for distance
Refraction shows a retinoscopy of +4.50 DS in the right and + 6.00 DS in the left (working distance of 2/3 metre)
Fundal examination is normal

What are the initial and long term management options ? (60%)

Contd..../2-

3. A 53 year old diabetic man presents with gradual reduction of vision in his left eye.

On examination he is found to have small dot and blot haemorrhages at the macula and clinically significant macular oedema (CSME).

- 3.1. What is CSME ? (15%)
- 3.2. How would you treat this patient? Please provide details of treatment where indicated. (60%)
- 3.3. How does laser treatment work in macular oedema ? (10%)
- 3.4. Describe the pathophysiology of macular oedema in diabetics ? (15%)

4. Write short notes on :-

- 4.1. Idiopathic orbital inflammatory disease. (40%)
- 4.2. Corneal decompensation . (30%)
- 4.3. Assessment of a 65 year old woman with bilateral ptosis. (30%)