

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

**MD (OPHTHALMOLOGY) MODULE IV EXAMINATION –**  
**OCTOBER/NOVEMBER 2016**

**Date :- 31<sup>st</sup> October 2016**

**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 60 year old lady went to the optometrist for spectacles, and was referred to you with the following findings. IOP was recorded as Right 23 mmHg and Left 21 mmHg. The Cup : Disc ratio was recorded as 0.6 in each eye.

She was phakic and asymptomatic.

- 1.1. What factors would you take into account to decide whether to treat or not? (75 marks)
- 1.2. Describe briefly your follow up plan. (25 marks)
2. A 25 year old male who had been wearing spectacles for the last 8 years had to change his prescription twice in the last 1 year. His present refraction is :

Right eye (-)8.00 D sphere (-)3.50 D cylinder x 150<sup>0</sup>

Left eye (-)3.00 D sphere (-)1.25 D cylinder x 120<sup>0</sup>

A scissor reflex was noted on refraction. The lens was clear and the posterior segment examination was normal.

- 2.1. What clinical signs (ocular) would you expect to see in this patient? (20 marks)
- 2.2. List the ocular investigations needed for diagnosis and treatment. (20 marks)
- 2.3. Discuss the treatment options available for this patient with the advantages and disadvantages of each. (60 marks)

3. A 45 year old lady presented with a non specific headache. Her corrected visual acuity was 6/6 in each eye. On examination of the fundi, there was a suspicion of bilateral disc oedema.
- 3.1. What is the possible differential diagnosis? (25 marks)
- 3.2. How would you assess and investigate this patient to confirm the diagnosis? (75 marks)
4. A 25 year old man presents to you with a Central Retinal Vein Occlusion (CRVO) with macular oedema in one eye.
- 4.1. Discuss the possible systemic causes for the CRVO in this patient. (50 marks)
- 4.2. How will you manage the macular oedema? (50 marks)