

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

**OPHTHALMOLOGY MODULE III EXAMINATION – APRIL 2016**

**Date :- 27<sup>th</sup> April 2016**

**Time :- 1.30 p.m. – 3.30 p.m.**

**ESSAY PAPER**

Answer all questions.

Answer each question in a separate book.

1.
  - 1.1. Describe the optics of slit lamp. Use ray diagrams to explain your answer. (60%)
  - 1.2. Explain methods of illumination available for clinical examination. (40%)
2. A 42 year old software engineer complaints of difficulty in focusing for near work.
  - 2.1. Explain the optical reasons that could contribute to his difficulty in near work. (40%)
  - 2.2. Describe how would you correct presbyopia in general. (60%)
3. Regarding prisms (use ray diagrams whenever necessary).
  - 3.1. Define prism diopter. (10%)
  - 3.2. Describe the angle of deviation. (20%)
  - 3.3. Describe uses of prisms in ophthalmic practice. (70%)
4. Write short notes on –
  - 4.1. Contact lens related complications. (30%)
  - 4.2. Back vertex (vertex) distance. (20%)
  - 4.3. Management of childhood myopia. (50%)