

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OPHTHALMOLOGY) OPTICS & REFRACTION EXMINATION
APRIL 2024

Date: 25th April 2024

Time: 1.30 p.m. – 3.30 p.m.

ESSAY PAPER

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

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

1.

1.1. Define anisometropia and discuss the causes. (30%)

1.2. What are the treatment methods available for anisometropia? (40%)

1.3. Discuss the important aspects of treating infants and young children with anisometropia. (30%)

2.

2.1. List the types of contact lenses. (30%)

2.2. State the conditions in which Bandage contact lenses are used. (30%)

2.3. What are contact lens related problems and complications? (40%)

3.

3.1. Briefly discuss the assessment of a patient requiring low vision aids (40%)

3.2. Define the magnifying power of a simple magnifying lens used as a low vision aid. (20%)

3.3. Explain The Galilean System (The Galilean telescope) with a ray diagram. (40%)

4. Write short notes on:

4.1. Properties of intra ocular lens (40%)

4.2. Dysphotopsia (30%)

4.3. Factors to consider prior to keratorefractive surgery (30%)