

**B.Sc. (Hons.) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES (BSCHOT)**

Term-End Examination

December, 2016

00402

BOS-007 : VISUAL OPTICS

Time : 3 hours

Maximum Marks : 70

*Note : This paper contains two parts. Attempt **both** parts.*

PART A

*Answer any **four** questions. Each question carries
10 marks.*

$4 \times 10 = 40$

1. Define Astigmatism. Describe in detail its classification and treatment.
2. Describe the anomalies of convergence and their treatment.
3. Discuss about the different principles of automated refractors.
4. Explain the various methods of testing amplitude of accommodation.

5. Define 'Glare'. Describe the various methods of glare testing.
6. Define Hypermetropia. Describe its classification and management.

PART B

Write short notes on any **six** of the following.

Each carries 5 marks.

6×5=30

7. (a) Pathological Myopia
(b) Correction Options for Aphakia
(c) Presbyopic Correction
(d) Spectacle Magnification
(e) Paediatric Visual Acuity Testing
(f) Colour Vision Defects
(g) Components of Convergence
(h) Binocular Balancing
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