

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

Term-End Examination

June, 2014

BOS-007 : VISUAL OPTIC

Time : 3 hours

Maximum Marks : 70

Note : Attempt any four questions.

Each question carries 10 marks

PART - A

1. Define Astigmatism. Discuss the classification and treatment of Astigmatism. **10x4**

2. Define visual acuity. What do you understand by 6/60?

List the visual acuity tests used for paediatric age group and describe one in detail:

3. Describe the various colour vision defects?
Enlist various tests for colour vision. Describe pseudoisochromatic test.

4. (a) What do you understand by Amplitude of Accommodation? Describe any two methods used for measuring Amplitude of Accommodation.

5. Define Anisometropia. Describe the classification, clinical features and management of Anisometropia.

6. Describe the procedure of static retinoscopy and the sources of error while doing retinoscopy.

PART - B

7. Write short notes on *any six* of the following : **5x6**

- (a) Degenerative Myopia
- (b) Presbyopic correction
- (c) Disability glare
- (d) Pelli Robson contrast acuity chart
- (e) Convergence Insufficiency
- (f) Auto Refractometer
- (g) Binocular Balancing
- (h) Jacksons cross Cylinder

— ** —