

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

Term-End Examination

00473

December, 2016

BOS-005 : OPTOMETRY PRACTICE

Time : 3 hours

Maximum Marks : 70

Note :

- (i) Answer any **seven** questions.
- (ii) Each question carries 10 marks.
- (iii) Support your answers with diagrams wherever necessary.

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1. (a) Define diffraction. What are the monochromatic aberrations seen in the eye ?
 - (b) Explain the importance of history taking. 5+5
 2. Write short notes on the following : 5+5
 - (a) Interference and its uses
 - (b) Dual nature of light

- 3.** Describe the following procedures : 5+5
- (a) Assessment of visual acuity
 - (b) Examination of the cornea
- 4.** Describe the properties of various types of lenses. 10
- 5.** Describe the following procedures : 5+5
- (a) Measurement of intraocular pressure
 - (b) Keratometry
- 6.** (a) Describe in brief the various levels of prevention.
- (b) Explain the aims and objectives of VISION 2020. 5+5
- 7.** Define hospital. Describe the various roles and functions of a hospital. 10
- 8.** Discuss the role of NPCB in India. 10
- 9.** Write short notes on the following : 5+5
- (a) Sturm's Conoid
 - (b) Properties of Light
- 10.** Describe the various methods of posterior segment examination. 10