

00183

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

Term-End Examination

June, 2010

BOS-005 : OPTOMETRY PRACTICE

Time : 3 hours

Maximum Marks : 70

- Note :** (i) Attempt **any seven** questions.
(ii) Each question carries **10** marks.
(iii) Support your answer with diagrams and examples wherever necessary.

1. Enlist important causes of blindness in our country. Describe in brief VISION 2020 : The Right to Sight programme.
2. Describe the determinants of health and various levels of prevention.
3. What do you understand by the term 'Polarization' ? Explain in brief the clinical applications of polarization.
4. Enlist the laws of refraction. Describe in brief the factors affecting the bending of light while passing through one medium to another medium.

5. Define Prism and its nomenclature. Write three uses of Prism.
6. Write short notes on :
- (a) Syringing and Probing
 - (b) Indentation Tonometry
7. Describe in brief various test types used for measurement of Visual Acuity in children.
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8. Describe various optical Aberrations of the eye.
9. Write short notes on :
- (a) Methods of color V_n Testing.
 - (b) Manual Keratometry.
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10. Define the following :
- (a) Visual angles
 - (b) Direct ophthalmoscopy
 - (c) Optical centre
 - (d) Hirschberg Test
 - (e) Sturm's conoid