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

Term-End Examination

June, 2012

BOS-005 : OPTOMETRY PRACTICE

Time : 3 Hours

Maximum Marks : 70

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- Note :** (i) *Answer any seven questions.*
(ii) *Each question carries 10 Marks.*
(iii) *Support your answer with diagrams wherever necessary.*
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1. Define the following : 2x5=10
- (a) Colour vision
 - (b) Total Internal Reflection
 - (c) Angle kappa
 - (d) Sturm's Conoid
 - (e) Interference
2. (a) Enlist the elements of Primary Health Care.
(b) Discuss the role of hospitals in Primary Health Care. 5+5=10
3. Write short notes on : 5+5=10
- (a) History Talking
 - (b) Visual field examination.

4. Define Prism and its nomenclature. Describe the uses of prism. 10
5. (a) Define health 2 + 3 + 5
(b) Enlist the determinants of health
(c) Describe in brief various levels of prevention.
- 6 Explain the principles of Public Relations in the hospitals. 10
7. Define Visual Acuity. Explain the factors affecting the visual acuity. 10
8. Describe the various optical aberrations of the eye with the help of suitable diagrams. 10
9. Explain the formation of images by convex lens. 10
10. Write short notes on : 5+5=10
(a) Huygen's Principle
(b) Uses of interference.
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