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

**Term-End Examination**

**December, 2011**

**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.*

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1. Explain the process of polarization with the help of diagrams and its clinical applications. 10
  2. Differentiate between reflection and refraction. Explain the laws of reflection and refraction. 10
  3. Write short notes on : 10
    - (a) Sturm's coid
    - (b) Total internal reflection
  4. Describe the axes and visual angles of the eye with the help of suitable diagrams. 10

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| 5.  | Describe the determinants of health and various levels of prevention.   | 10 |
| 6.  | Enlist the common causes of blindness. Describe the strategies of VISION 2020. The Right to sight programme in India. | 10 |
| 7.  | Describe the importance and principles of Public Relations in Hospitals.  | 10 |
| 8.  | Define surveillance. Describe various methods of surveillance.  | 10 |
| 9.  | Write short notes on :  |    |
|     | (a) Fluorescein Staining  | 5  |
|     | (b) Keratometry   | 5  |
| 10. | Write short notes on :  |    |
|     | (a) Examination of Conjunctiva  | 5  |
|     | (b) Confrontation Test  | 5  |
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