

00278

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

**Term-End Examination**

**December, 2012**

**BOS-005 : OPTOMETRY PRACTICE**

*Time : 3 Hours*

*Maximum Marks : 70*

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- Note :** (i) *Attempt 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 :
  - (a) Focal length
  - (b) Refractive index
  - (c) Vernier Acuity
  - (d) Prism.
  - (e) Angle Kappa
  
2. Describe the Primary Health Care infrastructure from village level to the district level.
  
3. Describe the various determinants of health.
  
4. Explain the term 'Polarization'. Describe in brief the clinical applications of polarization.

5. Describe the various test types used for measurement of visual Acuity.
  6.
    - (a) Explain the difference between reflection and refraction.
    - (b) Describe the factors affecting the bending of light while passing through one medium to another medium.
  7. Describe the various axes and visual angles of the eye.
  8. Explain the role, functions and types of OPD services of a hospital.
  9. Write short notes on :
    - (a) Applanation Tonometry
    - (b) Torch light examination
  10. Write short notes on :
    - (a) Optical Aberrations of the eye.
    - (b) Methods of Colour Vn Testing
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