

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

Term-End Examination

December, 2013

BOS-005 : OPTOMETRY PRACTICE

Time : 3 Hours

Maximum Marks : 70

PART-A

*Attempt any four questions. Each question carries
10 marks.*

10x4=40

1. Describe various types of optical aberrations with reference to the optical lens and the eye.
2. Enlist the laws of refraction. Describe the factors affecting the bending of light while passing through one medium to another medium.
3. Explain the image formation by convex lens with the object at different distances.
4. Describe various Health Insurance Schemes.
5. Describe in brief various test types used for measurement of visual acuity in children.
6. (a) Write down the WHO definition of a Hospital.
(b) Discuss the classification of Hospitals.
(c) Enlist the various functions of a hospital.

PART-B

Write short notes on *any six* of the following. Each carries *five* marks.

5×6=30

- (a) Interference
 - (b) Visual angles
 - (c) Hirschberg test
 - (d) Sturm's conoid
 - (e) Color vision
 - (f) Refraction
 - (g) Difference between direct and indirect ophthalmoscope
 - (h) Lacrimal syringing
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