

**B.Sc. (HONS.) IN OPTOMETRY & OPHTHALMIC
TECHNIQUES (B.Sc.)**

**Term-End Examination
June, 2014**

**BOS-015 : OPTOMETRIC INSTRUMENTS &
PROCEDURES**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. Each carries 10 marks.

1. Describe the steps involved in subjective refraction.
2. Explain the principle and procedure of corneal topography.
3. Explain the optics and procedure of indirect ophthalmoscopy
4. Enlist the various methods of visual field testing. Explain any one method in detail.
5. Explain principle of gonioscopy. Describe the various angle structures seen by the gonioscope.

6. What is A-Scan biometry? Describe the procedure and precautions to be taken..
7. Enlist different types of ophthalmic lasers. Describe the uses of lasers in detail.
8. Name the instruments used in cataract surgery. Enumerate the steps of cataract surgery.
9. Explain the principle of snellens chart and the method of visual acuity testing.
10. Write short notes on :
 - (a) Use of diplopia goggles
 - (b) Water drinking test.

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