

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

Term-End Examination

December, 2014

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

Time : 3 Hours

Maximum Marks : 70

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

1. Explain corneal topography and its interpretation.
2. Describe objective refraction and various methods of determination.
3. Describe the procedure of direct ophthalmoscopy.
4. Explain the principle of Applanation Tonometry. Write the steps of Goldmann Applanation Tonometry.
5. Explain in detail the Optical Coherence Tomography (OCT).
6. Explain the principle and various uses of synaptophore.
7. Describe the methods of A-Scan Biometry.

8. Describe the method of local anaesthesia in cataract surgery.
 9. Enlist the various methods of sterilization. How will you maintain asepsis in O.T.
 10. Write short notes on :
 - (a) Jackson's Cross Cylinder (J.C.C)
 - (b) Fundus Fluorescein Angiography (FFA)
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