

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

Term-End Examination

December, 2012

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

Time : 3 Hours

Maximum Marks : 70

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

1. Explain the steps of Jackson's cross cylinder with the help of suitable diagrams.
2. Explain the different principles of autorefractometers.
3. Explain the parts, principle and uses of synaptophore.
4. Explain potential acuity meter, its indications and limitations.
5. Write the Instrumentation, Optics and techniques of Indirect of Ophthalmoscopy.

6. Explain the principle and procedure of electroretinogram.
 7. Explain the various phases of normal fluorescein angiography.
 8. Give an account of the Principle, features and clinical uses of OCT.
 9. Describe the various methods of sterilization. How will you maintain asepsis in operation theatre ?
 10. Give a brief note on ocular anaesthesia.
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