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

Term-End Examination

December, 2015

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

Time : 3 Hours

Maximum Marks : 70

Note : (i) Attempt *any seven* questions.

(ii) Each carries **10** marks.

1. (a) What are the various types of Retinoscopes ?
(b) What are the advantages of Retinoscopy over autorefraction ? **5+5=10**
2. Write short notes on : **5+5=10**
(a) Measurement of angle kappa.
(b) Bagolini striated glasses test.
3. Discuss the clinical applications of keratometry. **10**
4. Describe in brief the following : **5+5=10**
(a) Specular reflection.
(b) Automated perimetry.
5. Explain the principle and procedure of lensometry. **10**

6. Describe the optics and clinical applications of OCT. 10
 7. Describe the principle and technique of applanation tonometry. 10
 8. Explain the principle, components and indications of ERG. 2+4+4=10
 9. Explain the instrumentation and optics of Direct Ophthalmoscope. 10
 10. Explain in brief various methods for sterilisation of surgical instruments. 10
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