

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

Term-End Examination

00683

June, 2019

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

Time : 3 hours

Maximum Marks : 70

Note : Answer any *seven* questions. Each question carries
10 marks.

1. Explain the principle and procedure of corneal topography. 10
2. Explain the indications and procedure of ERG. 10
3. Describe the various methods of subjective refraction. 10
4. Enlist the various methods of visual field evaluation. Explain the Humphrey field analyser. 10
5. Describe distant direct ophthalmoscopy with the help of ray diagrams. 10

6. Differentiate between Static and Dynamic retinoscopy in a tabular form. *10*

 7. Differentiate between Kinetic and Static perimetry in a tabular form. *10*

 8. What is the optical principle of Bausch and Lomb Keratometer ? Explain briefly the steps of Keratometry. *10*

 9. Explain A-scan biometry. Enlist the sources of error in A-scan biometry. *10*

 10. Explain the principle of indentation tonometry. Explain its instrumentation and clinical uses. *10*
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