

01341

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

Term-End Examination

June, 2015

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

Time : 3 hours

Maximum Marks : 70

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- Note :** (i) *Attempt any seven questions.*
(ii) *Each question carries 10 marks.*
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1. (a) Define Gonioscopy and its principle. **5+5=10**
(b) Describe the indications of Gonioscopy.

2. (a) What are the various processes of Laser ?
(b) Describe the diagnostic and therapeutic uses of lasers in ophthalmology. **5+5=10**

3. What are the various types of Keratometers and their limitations ? **5+5=10**

4. Differentiate between : **5+5=10**
(a) Static and Dynamic retinoscopy.
(b) Congenital and Acquired colour vision defects.

5. Write short notes on : 5+5=10
(a) Duochrome - Test
(b) Logmar - Chart
6. (a) How is peribulbar different from Retrobulbar anaesthesia ? 5+5=10
(b) Write about the complications of retrobulbar anaesthesia.
7. Enlist the clinical uses of corneal topography and explain its procedure. 4+6=10
8. Write short notes on :
(a) After image test for abnormal retinal correspondence. 5+5=10
(b) Photoablation.
9. Define EOG. Explain its principle, components and indications. 3+7=10
10. What is HFA ? Explain in detail the reliability factors of automated perimetry. 3+7=10
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