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

**Term-End Examination**

**June, 2017**

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

*Time : 3 Hours*

*Maximum Marks : 70*

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

*(ii) Each question carries 10 marks.*

1. What do you understand by ERG ? Explain the indications and procedure of ERG. **3+7**
2. What is the principle of Dynamic Retinoscopy ? Explain the procedure of Dynamic Retinoscopy. **3+7**
3. Explain the principle and procedure of Duochrome test. **10**
4. Describe various types of ocular anaesthesia. Explain in brief peribulbar Anaesthesia. **7+3**
5. Describe the principle and procedure of direct ophthalmoscopy with the help of suitable diagram. **10**

6. Explain the principle of applanation tonometry. 4+6  
Describe various steps of Goldman applanation tonometry.
  7. Discuss the clinical uses of YAG Laser in Ophthalmology. 3+7
  8. Describe the principle of Keratometer with the help of a diagram. Write the steps of Bausch and Lomb Keratometry. 5+5
  9. Explain the technique of Specular reflection in Slit Lamp Biomicroscopy with the help of diagram. 10
  10. Define Static Perimetry. Explain various steps of static perimetry. 3+7
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