

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

00267

Term-End Examination

June, 2016

BOS-004 : BASIC OCULAR SCIENCES

Time : 3 hours

Maximum Marks : 70

*Note : This paper contains two parts. Attempt **both** parts.*

PART A

*Answer any **four** questions. Each question carries 10 marks.*

1. Describe the different layers of Retina with a well-labelled diagram. 10

2. Describe the anatomy of different Extra Ocular Muscles (EOMs) and their actions in primary gaze. 10

3. With the help of a well-labelled diagram, describe the anatomy of the angle of anterior chamber. 10

4. What is ERG ? Describe the various conditions for which it is done. 10

5. Explain the various methods to assess Visual Acuity. 10
6. Describe Binocular Single Vision and its advantages. 10

PART B

Write short notes on any five of the following. Each carries 6 marks.

5×6=30

7. (a) Holmes-Adie's Pupil
 - (b) VER
 - (c) Corneal Endothelium
 - (d) Inferior Oblique Muscle
 - (e) Muller's Muscle
 - (f) Meibomian Glands
 - (g) Mydriatics
 - (h) Rods and Cones
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