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BOS-004

**B. SC. (HONS.) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES
(BSCHOT)**

**Term-End Examination
June, 2019**

BOS-004 : BASIC OCULAR SCIENCES

Time : 3 Hours

Maximum Marks : 70

*Note : This question paper contains two Parts.
Attempt both Parts as per instructions given
in each Part.*

Part-A

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

1. Describe the various extra-ocular muscles with their nerve supply and actions.
2. Describe the various layers of Retina with the help of suitable diagram(s).
3. Describe the anatomy of the lens with the help of suitable diagram(s).

4. What is Visual Acuity (V. A.) ? How will you measure the visual acuity ?
5. Discuss the various types of Conjunctivitis and their diagnosis.
6. Describe the various routes of drug administration in Ophthalmology.

Part-B

*Note : Write short notes on any five of the following.
Each question carries 6 marks.*

7. Aqueous Humour
8. Intra-Ocular Pressure (IOP)
9. Convergence
10. Dry Eye
11. Electro-retinogram (ERG)
12. Types of Glaucoma
13. Defects of Pupil
14. Horner's syndrome
15. VER