

**B.Sc. (Hons.) IN OPTOMETRY AND  
OPHTHALMIC TECHNIQUES****Term-End Examination****June, 2009**

00268

**BOS-004 : BASIC OCCULAR SCIENCES***Time : 3 hours**Maximum Marks : 70*

- 
- Note :** (i) *This question paper consists of two parts A and B.*
- (ii) *Part A contains 8 questions. Answer any Five questions.*
- (iii) *Part 'B' contains 8 short notes. Write any Five short notes.*
- 

**PART - A****Answer any five questions.****8x5=40**

1. Explain the structure of lacrimal apparatus with the help of suitable diagrams.
2. Describe various layers of retina  $\bar{c}$  diagram.
3. (a) Describe various glands of lids and their function.  
(b) Explain the terms, Far Point, Near Point, Amplitude and Range of accommodation.

4. (a) What is convergence ?  
(b) Explain in brief the various types of convergence.
  
5. (a) What is infective conjunctivitis ?  
(b) Describe the aetiology, symptoms and treatment of infective conjunctivities.
  
6. Describe the symptoms, causes and management of dry eye.
  
7. Write down the ocular and systemic complications of topical and systemic steroids.
  
8. (a) Define mydriatics and cycloplegics.  
(b) Explain the indications, contra indications and dosage of Tropicamide.

## PART - B

9. Write short notes on the following (*Any Five*) : 5x6=30
- (a) Dilator Papillae Muscle
  - (b) CIUARY BODY
  - (c) Antihistaminics
  - (d) Common disorders of lens
  - (e) Visual evoked response
  - (f) Various types of dyes used in ophthalmology.
  - (g) Binocular single vision
  - (h) Corneal ulcers

- o O o -

