

[LJ 0816]

AUGUST 2016

Sub.Code: 6026

**B.Sc. OPTOMETRY  
SECOND YEAR**

**PAPER V – PATHOLOGY AND MICROBIOLOGY**

*Q.P. Code: 806026*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All Questions.**

**Draw diagrams wherever necessary**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Classify Hypersensitivity. Write in detail about **Type -I** Hypersensitivity.
2. Define Sterilization. Describe in detail about the different methods of Moist heat sterilization.
3. Explain the Pathogenesis of Viral Eye Pathogens

**II. Write notes on:**

**(8 x 5 = 40)**

1. Fungal Keratitis.
2. Corneal Dystrophy.
3. Brief about Catalase Test.
4. Herpes Viruses.
5. Chalazions.
6. Selective media with examples.
7. Thyroid eye disease.
8. Glaucoma.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Define Aneamia.
2. Conjunctival Pterygium.
3. Two examples for Granulomatous Inflammation.
4. Mention few eyelid tumours.
5. Gram Staining.
6. Incubation period.
7. List of Nematodes that affect the eye.
8. Collection and transport of Corneal scrapings.
9. Name two methods of Dry heat Sterilization.
10. Intermediate Host.

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