

[LI 0216]

FEBRUARY 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. Describe the Structure, classes and the functions of Immunoglobulins.
2. Describe in details the Bacterial Cell.
3. Discuss on Etiology and Pathogenesis of Endophthalmitis.

II. Write notes on:

(8 x 5 = 40)

1. Describe the Anaerobic culture methods.
2. What accounts for the rigidity and strength of bacterial cell wall?
3. What are Herpes Viruses?
4. Explain Mycotic Keratitis.
5. Write note on Acanthamoeba.
6. Brief on Chalazion.
7. Elaborate on the Pathology of Lens in Cataract.
8. Enumerate and discuss on Intra ocular tumours.

III. Short answers on:

(10 x 3 = 30)

1. What is Disinfection?
2. What is ELISA?
3. Note on Universal Lab Precautions.
4. Define Intermediate Host.
5. What is Transparent Medium? Give two examples.
6. What are the common causes of Blindness?
7. Write the types of Microscopes.
8. What is Thrombocytopenia?
9. Define Incubation period.
10. Name the TORCH Agents.
