

[LK 0217]

FEBRUARY 2017

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. Morphology of Bacterial Cell with diagram.
2. Name the various Ocular Tumours and elaborate on Uveal Melanomas.
3. Mechanism of Inflammation and repair in the eye.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Filtration.
2. Trachoma.
3. Free living Amoeba.
4. Dark ground Microscopy.
5. Papilloedema and its etiopathogenesis.
6. Vitamin 'A' deficiency.
7. Acquired Immunity.
8. Atrophic Bulbi.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Define Polycythemia.
2. Mention few special staining in Ophthalmic Pathology.
3. Agglutination Reaction.
4. Define Nosocomical Infections.
5. Common causes of Blindness.
6. Name the TORCH Agents.
7. Types of Shock.
8. Universal Precautions.
9. Pthisis bulbi.
10. Define:
  - a) Dysplasia
  - b) Metaplasia

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