

**SECOND B.H.M.S. DEGREE EXAMINATION**  
**PAPER I – PATHOLOGY AND MICROBIOLOGY**

*Q.P. Code : 581235*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Essay Questions:**

**(2 x 15 = 30)**

1. Define leukemia. Write in detail about chronic myeloid leukemia?
2. Describe in detail about life cycle, pathogenesis of *Ascaris lumbricoides*?

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Metaplasia.
2. Pulmonary thromboembolism.
3. Leprosy – causative organism, classification, clinical feature.
4. Gaucher's disease.
5. Hodgkin's disease.
6. Pox virus.
7. Pathogenesis and clinical feature of herpes simplex.
8. Write in detail about the life cycle and pathogenicity of *Toxoplasma gondii*.
9. Transport media.
10. *Cysticercus cellulosae*.

**III. Short Answers on:**

**(10 x 2 = 20)**

1. Robert Koch.
2. Lung fluke.
3. Lab diagnosis of kala azar.
4. ELISA test.
5. Bacteriophage.
6. Negri bodies.
7. Giant cells.
8. Carcinoma in situ.
9. Mantoux test.
10. Paget's disease.

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