



[LJ 541]

**AUGUST 2016**

Sub.Code :4062

**SECOND YEAR M.B.B.S. DEGREE EXAMINATION  
PAPER IV – VIROLOGY, MYCOLOGY, PARASITOLOGY &  
APPLIED MICROBIOLOGY**

**Time: Three hours**

***Q.P. Code: 524062***

**Maximum: 40 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(1 x 10 = 10)**

1. List the common blood and tissue flagellates causing human disease.  
Describe the pathogenesis, clinical features, lab diagnosis and prophylaxis of Chaga's disease.

**II. Write notes on:**

**(4 x 5 = 20)**

1. Measles
2. Histoplasmosis
3. Chikungunya
4. Hydatid cyst

**III. Short answers on:**

**(5 x 2 = 10)**

1. Features used for identification of *W.bancrofti* microfilaria in blood smear.
2. Differences between fixed and street rabies virus.
3. Modes of HIV transmission in humans.
4. CSF findings in acute bacterial meningitis.
5. Scolex of *T.solium*.

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