

[LI 541]

**FEBRUARY 2016**

Sub.Code :4062

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

*Q.P. Code: 524062*

**Time: Three hours**

**Maximum : 40 Marks**

**Answer All Questions**

**I. Elaborate on:**

**(1 x 10 = 10)**

1. Explain the pathogenesis, epidemiology, laboratory diagnosis and prevention of HIV infection.

**II. Write notes on:**

**(4 x 5 = 20)**

1. Neurocysticercosis
2. Life cycle of hookworm
3. Dengue
4. Candidiasis

**III. Short answers on:**

**(5 x 2 = 10)**

1. List four viruses which can cause cancer in humans.
2. Vector for Kala-azar, cerebral malaria, Kyasanur Forest disease and chikungunya.
3. Name four dimorphic fungi.
4. Prevention of hepatitis B virus infection.
5. Peripheral blood smear findings in vivax malaria.

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