

(LK 119)

MAY 2017

Sub. Code:2016

**M.D. DEGREE EXAMINATION**  
**BRANCH IV – MICROBIOLOGY**  
**PAPER III – VIROLOGY AND PARASITOLOGY**  
*Q.P.Code: 202016*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Essay Questions:**

**(2 x 10 = 20)**

1. Describe Viral haemorrhagic fever and write about morphology, Laboratory diagnosis and management of Ebola virus.
2. Classify filarial parasites. Describe life cycle, Laboratory diagnosis and prophylaxis of Wuchereria bancrofti.

**II. Short Questions:**

**(8 x 5 = 40)**

1. Suckling mice.
2. Cytomegalo virus.
3. Hepatitis E virus.
4. Viral Gastroenteritis.
5. Role of cercariae in parasitic infection.
6. Drug resistance in malaria.
7. Primary amoebic meningoencephalitis.
8. Life cycle and Laboratory diagnosis of Toxoplasma gondii.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Efficacy of Post Exposure Prophylaxis in HIV if administered within two hours of exposure.
2. Pulse polio programme in eradication of Polio.
3. Prognosis is poor in disseminated strongyloidiasis.
4. Natural resistance to malaria is seen in Sick cell anaemia.

**IV. Very Short Answers:**

**(10 x 2 = 20)**

1. Angiostrongyliasis.
2. Swimmers' itch.
3. Larva currens.
4. Entero test.
5. HPV vaccine.
6. MERS.
7. Von Magnus phenomenon.
8. Window period.
9. Yellow fever vaccine.
10. Co cultivation.

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