

134-NR

*Dr. NTR University of Health Sciences::Vijayawada-520 008*  
M.D. DEGREE EXAMINATION – NOVEMBER, 2016

**MICROBIOLOGY**

Paper-III : Virology, Mycology and Parasitology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Classify Herpesviridae. Write the pathogenesis and lab diagnosis of diseases caused by Epstein Barr Viruses
- 2) Discuss the epidemiology, clinical presentation and diagnostic methods of filariasis in India.
- 3) Subcutaneous mycosis and their diagnostic methods
- 4) Zygomycosis
- 5) Swine flu
- 6) Describe the lab diagnosis of malaria and add a note on malarial vaccine
- 7) Immune response in parasitic infections.
- 8) Laboratory diagnosis of HIV infection and opportunistic infections in AIDS patients
- 9) Laboratory diagnosis of Candidiasis and antifungal susceptibility testing
- 10) Discuss the pathogenesis and newer diagnostic methods of cystic echinococcus

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