

**Q.P. CODE: 506-B**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - JULY, 2013**  
**SECOND M.B.B.S. EXAMINATION**  
**MICROBIOLOGY**  
**(VIROLOGY, MYCOLOGY & PARASITOLOGY)**  
**PAPER-II**

Time: 2 Hours

Max. Marks: 40

**Answer all questions**

1) Write briefly on the structure and antigenic nature of Influenza viruses with a diagram. Explain the epidemiology of Influenza. Add a note on the laboratory diagnosis of the virus.  $3+4+3=10$

**WRITE SHORT NOTES ON:**

$5 \times 4 = 20$

2) Life cycle and newer laboratory diagnostic methods of disease caused by Echinococcus granulosus

3) Non-microscopic diagnosis of intestinal amoebiasis.

4) Serological markers in the diagnosis of Hepatitis B virus

5) Laboratory-diagnosis of Pneumocystis jiroveci (P. carinii)

6) Dimorphic fungi

**WRITE BRIEFLY ON:**

$5 \times 2 = 10$

7) Penicilliosis

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- 8) Morphology of Taenia Saginata
- 9) Tropical pulmonary eosinophilia
- 10) Malignancies associated with Epstein Barr virus
- 11) Larva currens

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