



506-B

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008

M.B.B.S. DEGREE EXAMINATION – JULY, 2015

SECOND M.B.B.S. EXAMINATION

**MICROBIOLOGY**

(VIROLOGY, MYCOLOGY & PARASITOLOGY)

PAPER-II

Time : 2 Hours

Max. Marks: 40

Note : Answer all questions

Give diagrammatic representation wherever is necessary

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- 1) Describe morphology and life cycle of *Entamoeba histolytica*. 3+4+3=10  
Give laboratory diagnosis of dysentery due to *Entamoeba histolytica*.

**WRITE SHORT NOTES ON:**

5X4=20

- 2) Clinical features and laboratory diagnosis of *Cryptosporidium* infection  
3) Morphology and life cycle of *Taenia Solium*  
4) Write briefly on Herpes simplex virus type I  
5) Tissue culture techniques in virology  
6) Zygomycosis

**WRITE BRIEFLY ON:**

5X2=10

- 7) Enumerate viruses causing encephalitis  
8) Differences of fungi from bacteria  
9) Characteristics of slow virus infections  
10) Dimorphic fungi  
11) Name four oncogenic viruses
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