

Q.P. CODE: 506-B
DR NTR UNIVERSITY OF HEALTH SCIENCES ::
VIJAYAWADA-8
M.B.B.S. DEGREE EXAMINATION - JANUARY, 2014
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 possible.

1) Describe the morphology, life cycle and pathogenesis of *Leishmania donovani*. Discuss on the laboratory diagnosis of kala azar. (2+2+3+3=10)

WRITE SHORT NOTES ON:

5 x 4 = 20

2) Cultivation of viruses

3) Morphology and antigenic variation seen in influenza virus.

4) Dermatophytes

5) Interferons

6) *Histoplasma capsulatum*

WRITE BRIEFLY ON:

5 x 2 = 10

7) Merits and demerits of two commonly used anti polio vaccines

8) Slide culture technique for fungi

9) Microfilaria

10) Parasites visible to naked eye in stool

11) Morphology of Rabies Virus

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