



Time: 3 Hrs.

[Max. Marks: 100]

MICROBIOLOGY - PAPER II (Revised Scheme II)

QP Code: 1084

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe in detail geographical distribution, habitat, morphology, lifecycle and pathogenecity of *Leishmania donovani*
2. Draw labelled diagram of rabies virus. Describe the laboratory diagnosis and prophylaxis of rabies

SHORT ESSAY

10 X 5 = 50 Marks

3. Modes of transmission of infection
4. Urinary tract infection
5. *Histoplasma capsulatum*
6. Mycetoma
7. Post exposure prophylaxis for HIV
8. Epstein - bar virus
9. Measles virus
10. Rhinoviruses
11. *Trichomonas vaginalis*
12. Classification of microfilaria

SHORT ANSWERS

10 X 3 = 30 Marks

13. Structure of viruses
14. Uses of embryonated egg
15. Name methods of viral assays
16. Prions
17. Vectors in parasitology
18. Genital flagellates
19. Casoni's test
20. Occult filariasis
21. *Hymenoleps nana*
22. Stoll's method for worm burden