



Time: Three Hours

Max. Marks: 100 Marks

**Microbiology -PAPER II
(REVISED SCHEME)**

QP Code: 1059

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS

2 x 9 = 18 Marks

1. Draw a diagram showing complete life cycle of malarial parasite. Write about the laboratory diagnosis of malaria. (3+6)
2. Describe the morphology of Hepatitis B virus. Write about the laboratory diagnosis and prophylaxis of HBV. (3+3+3)

SHORT ESSAYS

10 x 5 = 50 Marks

3. Pathogenesis of polio virus
4. Slow viruses
5. Kyasanur forest disease
6. List the organisms causing vaginal discharge. Write a note on Vaginosis.
7. Dimorphic fungi
8. Classification of Dermatophytes
9. List the organisms causing urinary tract infection and describe its laboratory diagnosis.
10. Dermal leishmaniasis
11. Hydatid cyst
12. Laboratory diagnosis of Hookworm infection

SHORT ANSWERS

16 x 2 = 32 Marks

13. Four differences between microfilariae of *Wuchereria bancrofti* and *Brugia malayi*
14. Two parasites and the cancer they cause in man
15. Draw an ovum of *Hymenolepis nana*
16. Four salient features of Trematodes
17. What is NNN medium? What is its use?
18. Name two Nematodes for which habitat are large intestine.
19. Casoni's test
20. Enumerate four parasites infecting HIV infected persons
21. Classification of human herpes viruses
22. Mention four sites of inoculation of embryonated egg
23. Classification of Myxoviruses
24. Morphology of Bacteriophage
25. Name the viruses causing Gastroenteritis in man
26. Larva migrans
27. Negri bodies
28. Koplik's spot
